



NELAP Certificate No. E86006



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RECEIVED
SEPT 29, 2021

Ground Water Monitoring Report

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

Date Received: 08/24/2021 15:55
Date Reported: 09/26/2021 14:11
Report Period: 2021Q3

Project Name: Central County Transfer Station MW's
Lab Work Order (COC): 21H0916

Laboratory Sample #

- 21H0916-01
- 21H0916-02
- 21H0916-03
- 21H0916-04
- 21H0916-05
- 21H0916-06
- 21H0916-07

Client Sample #

- CTMW-4I
- CTMW-4S
- CTMW-3S
- CTMW-3I
- CTSFD082421
- Metal Trip Blank 82421A
- Metal Trip Blank 82421B



Central County Transfer Station MW's

Lab ID: 21H0916-01

Diameter (in): 2
 Depth to Water (ft): 13.55
 Top of Casing (ft): 21.07
 Total Depth (ft): 69.42

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

Parameter Monitoring Report

WACS Facility ID #: PBCC01 Sampling Date/Time: 08/24/21 09:25
 WACS Test Site ID#: PBCC08 Report Period: 2021Q3
 Well Name: CTMW-4I Well Purge (Y/N): Y
 GW Classification: G-II Well Type: Background Compliance (X)
 GW Elevation (NGVD): 7.52 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	08/24/2021 09:25	457 uS/cm @ 25°C		uS/cm @ 25°C	1
00406	pH (Field) at 25°C	GRAB	N	FDEP SOP	08/24/2021 09:25	6.64 pH Units		pH Units	1
	Temperature (field)	GRAB	N	FDEP SOP	08/24/2021 09:25	27.3 °C		°C	1
	Turbidity (Field)	GRAB	N	FDEP SOP	08/24/2021 09:25	0.57 NTU		NTU	1

Classical Chemistry Parameters

	TRPH	GRAB	N	EPA 1664A	08/25/2021 10:00	<1.39 mg/L	1.39	4.18 mg/L	1
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Wet Chemistry

	Total Alkalinity	GRAB	N	EPA 310.2	08/25/2021 20:49	212 mg/L	2.49	7.46 mg/L	1
00151	Ammonia as N	GRAB	N	EPA 350.1	08/28/2021 12:01	0.0924 mg/L	0.00620	0.0500 mg/L	1
00940	Chloride	GRAB	N	EPA 300.0	08/25/2021 03:48	26.6 mg/L	0.126	0.500 mg/L	1
	Chemical Oxygen Demand	GRAB	N	EPA 410.4	08/28/2021 13:25	28.2 mg/L	2.54	10.0 mg/L	1
	Color	GRAB	N	SM 2120B	08/25/2021 10:30	65/7.40 Pt-Co	5.00	15.0 Pt-Co	1
	MBAS as LAS, mol wt. 340	GRAB	N	SM5540C	08/26/2021 07:30	<0.0220 mg/L	0.0220	0.100 mg/L	1
71851	Nitrate as N	GRAB	N	EPA 300.0	08/25/2021 03:48	<0.00720 mg/L	0.00720	0.0750 mg/L	1
	Odor at 60°C	GRAB	N	SM 2150B	08/25/2021 08:00	<1.00 T.O.N.	1.00	3.00 T.O.N.	1
00945	Sulfate	GRAB	N	EPA 300.0	08/25/2021 03:48	13.3 mg/L	0.0953	0.500 mg/L	1
	Sulfide	GRAB	N	SM 4500-S D	08/27/2021 16:30	0.0430 mg/L	0.00210	0.0100 mg/L	1
00134	Total Dissolved Solids	GRAB	N	SM 2540C	08/27/2021 15:29	286 mg/L	10.0	30.0 mg/L	1
81393	Total Kjeldahl Nitrogen	GRAB	N	EPA 351.2	09/03/2021 18:18	0.728 mg/L	0.184	0.552 mg/L	1

Total Recoverable Metals by EPA 200 Series Methods

01042	Copper	GRAB	N	EPA 200.8	08/25/2021 15:01	<1.01 ug/L	1.01	4.00 ug/L	1
71900	Mercury	GRAB	N	EPA 200.8	08/26/2021 15:46	<0.0116 ug/L	0.0116	0.100 ug/L	1

Metals by EPA 6000/7000 Series Methods

01002	Arsenic	GRAB	N	EPA 6010/3010	08/25/2021 12:16	<2.21 ug/L	2.21	10.0 ug/L	1
01007	Barium	GRAB	N	EPA 6010/3010	08/25/2021 12:16	8.50 ug/L	0.0728	1.00 ug/L	1
01027	Cadmium	GRAB	N	EPA 6010/3010	08/25/2021 12:16	<0.181 ug/L	0.181	1.00 ug/L	1
01034	Chromium	GRAB	N	EPA 6010/3010	08/25/2021 12:16	2.80 ug/L I	0.339	5.00 ug/L	1
01045	Iron	GRAB	N	EPA 6010/3010	08/25/2021 12:16	505 ug/L	1.09	10.0 ug/L	1
01051	Lead	GRAB	N	EPA 6010/3010	08/25/2021 12:16	<1.19 ug/L	1.19	10.0 ug/L	1
01147	Selenium	GRAB	N	EPA 6010/3010	08/25/2021 12:16	<3.46 ug/L	3.46	15.0 ug/L	1
00934	Sodium	GRAB	N	EPA 6010/3010	08/25/2021 12:16	14.6 mg/L	0.446	2.00 mg/L	1



Central County Transfer Station MW's

Lab ID: 21H0916-02

Diameter (in): 2
 Depth to Water (ft): 13.42
 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: 08/24/21 09:55
 WACS Test Site ID#: PBCC07 Report Period: 2021Q3
 Well Name: CTMW-4S 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 MDL	PQL	Dil Factor
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Field Parameter (s) (See Notes and Definitions Page)

00402	Specific Conductance (field)	GRAB	N	FDEP SOP	08/24/2021 09:55	402 uS/cm @ 25°C	uS/cm @ 25°C		1
00406	pH (Field) at 25°C	GRAB	N	FDEP SOP	08/24/2021 09:55	6.38 pH Units	pH Units		1
	Temperature (field)	GRAB	N	FDEP SOP	08/24/2021 09:55	27.3 °C	°C		1
	Turbidity (Field)	GRAB	N	FDEP SOP	08/24/2021 09:55	2.57 NTU	NTU		1

Classical Chemistry Parameters

	TRPH	GRAB	N	EPA 1664A	08/25/2021 10:00	<1.39 mg/L	1.39	4.18 mg/L	1
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Wet Chemistry

	Total Alkalinity	GRAB	N	EPA 310.2	08/25/2021 20:49	175 mg/L	2.49	7.46 mg/L	1
00151	Ammonia as N	GRAB	N	EPA 350.1	08/28/2021 12:01	0.101 mg/L	0.00620	0.0500 mg/L	1
00940	Chloride	GRAB	N	EPA 300.0	08/25/2021 04:04	25.4 mg/L	0.126	0.500 mg/L	1
	Chemical Oxygen Demand	GRAB	N	EPA 410.4	08/28/2021 13:25	47.0 mg/L	2.54	10.0 mg/L	1
	Color	GRAB	N	SM 2120B	08/25/2021 10:30	70/7.15 Pt-Co	5.00	15.0 Pt-Co	1
	MBAS as LAS, mol wt. 340	GRAB	N	SM5540C	08/26/2021 07:30	<0.0220 mg/L	0.0220	0.100 mg/L	1
71851	Nitrate as N	GRAB	N	EPA 300.0	08/25/2021 04:04	<0.00720 mg/L	0.00720	0.0750 mg/L	1
	Odor at 60°C	GRAB	N	SM 2150B	08/25/2021 08:00	<1.00 T.O.N.	1.00	3.00 T.O.N.	1
00945	Sulfate	GRAB	N	EPA 300.0	08/25/2021 04:04	13.7 mg/L	0.0953	0.500 mg/L	1
	Sulfide	GRAB	N	SM 4500-S D	08/27/2021 16:30	0.0500 mg/L	0.00210	0.0100 mg/L	1
00134	Total Dissolved Solids	GRAB	N	SM 2540C	08/27/2021 15:29	265 mg/L	10.0	30.0 mg/L	1
81393	Total Kjeldahl Nitrogen	GRAB	N	EPA 351.2	09/03/2021 18:18	0.656 mg/L	0.184	0.552 mg/L	1

Total Recoverable Metals by EPA 200 Series Methods

01042	Copper	GRAB	N	EPA 200.8	08/25/2021 15:03	<1.01 ug/L	1.01	4.00 ug/L	1
71900	Mercury	GRAB	N	EPA 200.8	08/26/2021 15:48	<0.0116 ug/L	0.0116	0.100 ug/L	1

Metals by EPA 6000/7000 Series Methods

01002	Arsenic	GRAB	N	EPA 6010/3010	08/25/2021 12:19	<2.21 ug/L	2.21	10.0 ug/L	1
01007	Barium	GRAB	N	EPA 6010/3010	08/25/2021 12:19	13.5 ug/L	0.0728	1.00 ug/L	1
01027	Cadmium	GRAB	N	EPA 6010/3010	08/25/2021 12:19	<0.181 ug/L	0.181	1.00 ug/L	1
01034	Chromium	GRAB	N	EPA 6010/3010	08/25/2021 12:19	4.30 ug/L I	0.339	5.00 ug/L	1
01045	Iron	GRAB	N	EPA 6010/3010	08/25/2021 13:37	1130 ug/L	2.18	20.0 ug/L	2
01051	Lead	GRAB	N	EPA 6010/3010	08/25/2021 12:19	<1.19 ug/L	1.19	10.0 ug/L	1
01147	Selenium	GRAB	N	EPA 6010/3010	08/25/2021 12:19	<3.46 ug/L	3.46	15.0 ug/L	1
00934	Sodium	GRAB	N	EPA 6010/3010	08/25/2021 12:19	14.5 mg/L	0.446	2.00 mg/L	1



Central County Transfer Station MW's

Lab ID: 21H0916-03

Diameter (in): 2
 Depth to Water (ft): 15.58
 Top of Casing (ft): 23.35
 Total Depth (ft): 36.30

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

Parameter Monitoring Report

WACS Facility ID #: PBCC01 Sampling Date/Time: 08/24/21 11:10
 WACS Test Site ID#: PBCC05 Report Period: 2021Q3
 Well Name: CTMW-3S Well Purge (Y/N): Y
 GW Classification: G-II Well Type: Background Compliance (X)
 GW Elevation (NGVD): 7.77 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)	GRAB	N	FDEP SOP	08/24/2021 11:10	203 uS/cm @ 25°C	uS/cm @ 25°C		1
00406	pH (Field) at 25°C	GRAB	N	FDEP SOP	08/24/2021 11:10	6.26 pH Units	pH Units		1
	Temperature (field)	GRAB	N	FDEP SOP	08/24/2021 11:10	26.8 °C	°C		1
	Turbidity (Field)	GRAB	N	FDEP SOP	08/24/2021 11:10	0.41 NTU	NTU		1

Classical Chemistry Parameters

	TRPH	GRAB	N	EPA 1664A	08/25/2021 10:00	<1.39 mg/L	1.39	4.18 mg/L	1
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Wet Chemistry

	Total Alkalinity	GRAB	N	EPA 310.2	08/25/2021 20:49	67.7 mg/L	2.49	7.46 mg/L	1
00151	Ammonia as N	GRAB	N	EPA 350.1	08/28/2021 13:10	<0.00620 mg/L	0.00620	0.0500 mg/L	1
00940	Chloride	GRAB	N	EPA 300.0	08/25/2021 04:21	13.3 mg/L	0.126	0.500 mg/L	1
	Chemical Oxygen Demand	GRAB	N	EPA 410.4	08/28/2021 13:25	9.40 mg/L I	2.54	10.0 mg/L	1
	Color	GRAB	N	SM 2120B	08/25/2021 10:30	0/7.28 Pt-Co	5.00	15.0 Pt-Co	1
	MBAS as LAS, mol wt. 340	GRAB	N	SM5540C	08/26/2021 07:30	<0.0220 mg/L	0.0220	0.100 mg/L	1
71851	Nitrate as N	GRAB	N	EPA 300.0	08/25/2021 04:21	0.0880 mg/L	0.00720	0.0750 mg/L	1
	Odor at 60°C	GRAB	N	SM 2150B	08/25/2021 09:00	<1.00 T.O.N.	1.00	3.00 T.O.N.	1
00945	Sulfate	GRAB	N	EPA 300.0	08/25/2021 04:21	8.61 mg/L	0.0953	0.500 mg/L	1
	Sulfide	GRAB	N	SM 4500-S D	08/27/2021 16:30	0.0100 mg/L	0.00210	0.0100 mg/L	1
00134	Total Dissolved Solids	GRAB	N	SM 2540C	08/27/2021 15:29	106 mg/L	10.0	30.0 mg/L	1
81393	Total Kjeldahl Nitrogen	GRAB	N	EPA 351.2	09/03/2021 18:18	0.285 mg/L I	0.184	0.552 mg/L	1

Total Recoverable Metals by EPA 200 Series Methods

01042	Copper	GRAB	N	EPA 200.8	08/25/2021 15:04	<1.01 ug/L	1.01	4.00 ug/L	1
71900	Mercury	GRAB	N	EPA 200.8	08/26/2021 15:50	<0.0116 ug/L	0.0116	0.100 ug/L	1

Metals by EPA 6000/7000 Series Methods

01002	Arsenic	GRAB	N	EPA 6010/3010	08/25/2021 12:22	<2.21 ug/L	2.21	10.0 ug/L	1
01007	Barium	GRAB	N	EPA 6010/3010	08/25/2021 12:22	4.30 ug/L	0.0728	1.00 ug/L	1
01027	Cadmium	GRAB	N	EPA 6010/3010	08/25/2021 12:22	<0.181 ug/L	0.181	1.00 ug/L	1
01034	Chromium	GRAB	N	EPA 6010/3010	08/25/2021 12:22	0.700 ug/L I	0.339	5.00 ug/L	1
01045	Iron	GRAB	N	EPA 6010/3010	08/25/2021 12:22	21.8 ug/L	1.09	10.0 ug/L	1
01051	Lead	GRAB	N	EPA 6010/3010	08/25/2021 12:22	<1.19 ug/L	1.19	10.0 ug/L	1
01147	Selenium	GRAB	N	EPA 6010/3010	08/25/2021 12:22	<3.46 ug/L	3.46	15.0 ug/L	1
00934	Sodium	GRAB	N	EPA 6010/3010	08/25/2021 12:22	7.92 mg/L	0.446	2.00 mg/L	1



Central County Transfer Station MW's

Lab ID: 21H0916-04

Diameter (in): 2
 Depth to Water (ft): 15.54
 Top of Casing (ft): 23.34
 Total Depth (ft): 72.46

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

Parameter Monitoring Report

WACS Facility ID #: PBCC01 Sampling Date/Time: 08/24/21 12:10
 WACS Test Site ID#: PBCC06 Report Period: 2021Q3
 Well Name: CTMW-31 Well Purge (Y/N): Y
 GW Classification: G-II Well Type: Background Compliance (X)
 GW Elevation (NGVD): 7.8 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)	GRAB	N	FDEP SOP	08/24/2021 12:10	478 uS/cm @ 25°C	uS/cm @ 25°C		1
00406	pH (Field) at 25°C	GRAB	N	FDEP SOP	08/24/2021 12:10	6.87 pH Units	pH Units		1
	Temperature (field)	GRAB	N	FDEP SOP	08/24/2021 12:10	26.3 °C	°C		1
	Turbidity (Field)	GRAB	N	FDEP SOP	08/24/2021 12:10	0.79 NTU	NTU		1

Classical Chemistry Parameters

	TRPH	GRAB	N	EPA 1664A	08/25/2021 10:00	<1.39 mg/L	1.39	4.18 mg/L	1
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Wet Chemistry

	Total Alkalinity	GRAB	N	EPA 310.2	08/26/2021 20:27	203 mg/L	2.49	7.46 mg/L	1
00151	Ammonia as N	GRAB	N	EPA 350.1	08/28/2021 13:10	0.705 mg/L	0.00620	0.0500 mg/L	1
00940	Chloride	GRAB	N	EPA 300.0	08/25/2021 04:37	30.7 mg/L	0.126	0.500 mg/L	1
	Chemical Oxygen Demand	GRAB	N	EPA 410.4	08/28/2021 13:25	23.5 mg/L	2.54	10.0 mg/L	1
	Color	GRAB	N	SM 2120B	08/25/2021 10:30	25/7.51 Pt-Co	5.00	15.0 Pt-Co	1
	MBAS as LAS, mol wt. 340	GRAB	N	SM5540C	08/26/2021 07:30	<0.0220 mg/L	0.0220	0.100 mg/L	1
71851	Nitrate as N	GRAB	N	EPA 300.0	08/25/2021 04:37	<0.00720 mg/L	0.00720	0.0750 mg/L	1
	Odor at 60°C	GRAB	N	SM 2150B	08/25/2021 10:00	<1.00 T.O.N.	1.00	3.00 T.O.N.	1
00945	Sulfate	GRAB	N	EPA 300.0	08/25/2021 04:37	20.7 mg/L	0.0953	0.500 mg/L	1
	Sulfide	GRAB	N	SM 4500-S D	08/27/2021 16:30	0.0210 mg/L	0.00210	0.0100 mg/L	1
00134	Total Dissolved Solids	GRAB	N	SM 2540C	08/27/2021 15:29	283 mg/L	10.0	30.0 mg/L	1
81393	Total Kjeldahl Nitrogen	GRAB	N	EPA 351.2	09/03/2021 18:18	1.02 mg/L	0.184	0.552 mg/L	1

Total Recoverable Metals by EPA 200 Series Methods

01042	Copper	GRAB	N	EPA 200.8	08/25/2021 15:12	<1.01 ug/L	1.01	4.00 ug/L	1
71900	Mercury	GRAB	N	EPA 200.8	08/26/2021 15:52	<0.0116 ug/L	0.0116	0.100 ug/L	1

Metals by EPA 6000/7000 Series Methods

01002	Arsenic	GRAB	N	EPA 6010/3010	08/25/2021 12:25	<2.21 ug/L	2.21	10.0 ug/L	1
01007	Barium	GRAB	N	EPA 6010/3010	08/25/2021 12:25	7.00 ug/L	0.0728	1.00 ug/L	1
01027	Cadmium	GRAB	N	EPA 6010/3010	08/25/2021 12:25	<0.181 ug/L	0.181	1.00 ug/L	1
01034	Chromium	GRAB	N	EPA 6010/3010	08/25/2021 12:25	0.700 ug/L I	0.339	5.00 ug/L	1
01045	Iron	GRAB	N	EPA 6010/3010	08/25/2021 12:25	680 ug/L	1.09	10.0 ug/L	1
01051	Lead	GRAB	N	EPA 6010/3010	08/25/2021 12:25	<1.19 ug/L	1.19	10.0 ug/L	1
01147	Selenium	GRAB	N	EPA 6010/3010	08/25/2021 12:25	<3.46 ug/L	3.46	15.0 ug/L	1
00934	Sodium	GRAB	N	EPA 6010/3010	08/25/2021 12:25	24.7 mg/L	0.446	2.00 mg/L	1



Central County Transfer Station MW's

Lab ID: 21H0916-05

Diameter (in):

Sheen: No

Depth to Water (ft):

Color: Light Yellow

Top of Casing (ft):

Odor: No

Total Depth (ft):

Matrix: Groundwater

Parameter Monitoring Report

WACS Facility ID #:

Sampling Date/Time: 08/24/21 09:55

WACS Test Site ID#:

Report Period: 2021Q3

Well Name: CTSFD082421

Well Purge (Y/N):

GW Classification: G-II

Well Type:

Background
Intermediate

Compliance (X)
Other

GW Elevation (NGVD):

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)	GRAB		FDEP SOP	08/24/2021 09:55	402 uS/cm @ 25°C	uS/cm @ 25°C		1
00406	pH (Field) at 25°C	GRAB		FDEP SOP	08/24/2021 09:55	6.38 pH Units	pH Units		1
	Temperature (field)	GRAB		FDEP SOP	08/24/2021 09:55	27.3 °C	°C		1
	Turbidity (Field)	GRAB		FDEP SOP	08/24/2021 09:55	2.57 NTU	NTU		1

Classical Chemistry Parameters

	TRPH	GRAB		EPA 1664A	08/25/2021 10:00	<1.39 mg/L	1.39	4.18 mg/L	1
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Wet Chemistry

	Total Alkalinity	GRAB		EPA 310.2	08/26/2021 20:27	171 mg/L	2.49	7.46 mg/L	1
00151	Ammonia as N	GRAB		EPA 350.1	08/28/2021 13:10	0.697 mg/L	0.00620	0.0500 mg/L	1
00940	Chloride	GRAB		EPA 300.0	08/25/2021 04:54	25.4 mg/L	0.126	0.500 mg/L	1
	Chemical Oxygen Demand	GRAB		EPA 410.4	08/28/2021 13:25	51.7 mg/L	2.54	10.0 mg/L	1
	Color	GRAB		SM 2120B	08/25/2021 10:30	65/7.08 Pt-Co	5.00	15.0 Pt-Co	1
	MBAS as LAS, mol wt. 340	GRAB		SM5540C	08/26/2021 07:30	0.0330 mg/L I	0.0220	0.100 mg/L	1
71851	Nitrate as N	GRAB		EPA 300.0	08/25/2021 04:54	<0.00720 mg/L	0.00720	0.0750 mg/L	1
	Odor at 60°C	GRAB		SM 2150B	08/25/2021 08:15	<1.00 T.O.N.	1.00	3.00 T.O.N.	1
00945	Sulfate	GRAB		EPA 300.0	08/25/2021 04:54	13.7 mg/L	0.0953	0.500 mg/L	1
	Sulfide	GRAB		SM 4500-S D	08/27/2021 16:30	0.0500 mg/L	0.00210	0.0100 mg/L	1
00134	Total Dissolved Solids	GRAB		SM 2540C	08/27/2021 15:29	230 mg/L	10.0	30.0 mg/L	1
81393	Total Kjeldahl Nitrogen	GRAB		EPA 351.2	09/03/2021 18:18	0.667 mg/L	0.184	0.552 mg/L	1

Total Recoverable Metals by EPA 200 Series Methods

01042	Copper	GRAB		EPA 200.8	08/25/2021 15:08	<1.01 ug/L	1.01	4.00 ug/L	1
71900	Mercury	GRAB		EPA 200.8	08/26/2021 14:38	<0.0116 ug/L	0.0116	0.100 ug/L	1

Metals by EPA 6000/7000 Series Methods

01002	Arsenic	GRAB		EPA 6010/3010	08/25/2021 12:28	<2.21 ug/L	2.21	10.0 ug/L	1
01007	Barium	GRAB		EPA 6010/3010	08/25/2021 12:28	13.6 ug/L	0.0728	1.00 ug/L	1
01027	Cadmium	GRAB		EPA 6010/3010	08/25/2021 12:28	<0.181 ug/L	0.181	1.00 ug/L	1
01034	Chromium	GRAB		EPA 6010/3010	08/25/2021 12:28	4.40 ug/L I	0.339	5.00 ug/L	1
01045	Iron	GRAB		EPA 6010/3010	08/25/2021 13:39	1120 ug/L	2.18	20.0 ug/L	2
01051	Lead	GRAB		EPA 6010/3010	08/25/2021 12:28	<1.19 ug/L	1.19	10.0 ug/L	1
01147	Selenium	GRAB		EPA 6010/3010	08/25/2021 12:28	<3.46 ug/L	3.46	15.0 ug/L	1
00934	Sodium	GRAB		EPA 6010/3010	08/25/2021 12:28	14.7 mg/L	0.446	2.00 mg/L	1



Central County Transfer Station MW's

Lab ID: 21H0916-06

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: 08/24/21 09:25

WACS Test Site ID#:

Report Period: 2021Q3

Well Name: Metal Trip Blank 82421A

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

01042	Copper	GRAB		EPA 200.8	08/25/2021 15:09	<1.01 ug/L	1.01	4.00 ug/L	1
71900	Mercury	GRAB		EPA 200.8	08/26/2021 14:51	<0.0116 ug/L	0.0116	0.100 ug/L	1

Metals by EPA 6000/7000 Series Methods

01002	Arsenic	GRAB		EPA 6010/3010	08/25/2021 12:31	<2.21 ug/L	2.21	10.0 ug/L	1
01007	Barium	GRAB		EPA 6010/3010	08/25/2021 12:31	<0.0728 ug/L	0.0728	1.00 ug/L	1
01027	Cadmium	GRAB		EPA 6010/3010	08/25/2021 12:31	<0.181 ug/L	0.181	1.00 ug/L	1
01034	Chromium	GRAB		EPA 6010/3010	08/25/2021 12:31	<0.339 ug/L	0.339	5.00 ug/L	1
01045	Iron	GRAB		EPA 6010/3010	08/25/2021 12:31	<1.09 ug/L	1.09	10.0 ug/L	1
01051	Lead	GRAB		EPA 6010/3010	08/25/2021 12:31	<1.19 ug/L	1.19	10.0 ug/L	1
01147	Selenium	GRAB		EPA 6010/3010	08/25/2021 12:31	<3.46 ug/L	3.46	15.0 ug/L	1
00934	Sodium	GRAB		EPA 6010/3010	08/25/2021 12:31	<0.446 mg/L	0.446	2.00 mg/L	1



Central County Transfer Station MW's

Lab ID: 21H0916-07

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: 08/24/21 09:55

WACS Test Site ID#:

Report Period: 2021Q3

Well Name: Metal Trip Blank 82421B

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

01042	Copper	GRAB		EPA 200.8	08/25/2021 15:14	<1.01 ug/L	1.01	4.00 ug/L	1
71900	Mercury	GRAB		EPA 200.8	08/26/2021 14:41	<0.0116 ug/L	0.0116	0.100 ug/L	1

Metals by EPA 6000/7000 Series Methods

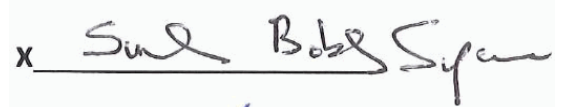
01002	Arsenic	GRAB		EPA 6010/3010	08/25/2021 12:33	<2.21 ug/L	2.21	10.0 ug/L	1
01007	Barium	GRAB		EPA 6010/3010	08/25/2021 12:33	<0.0728 ug/L	0.0728	1.00 ug/L	1
01027	Cadmium	GRAB		EPA 6010/3010	08/25/2021 12:33	<0.181 ug/L	0.181	1.00 ug/L	1
01034	Chromium	GRAB		EPA 6010/3010	08/25/2021 12:33	<0.339 ug/L	0.339	5.00 ug/L	1
01045	Iron	GRAB		EPA 6010/3010	08/25/2021 12:33	<1.09 ug/L	1.09	10.0 ug/L	1
01051	Lead	GRAB		EPA 6010/3010	08/25/2021 12:33	<1.19 ug/L	1.19	10.0 ug/L	1
01147	Selenium	GRAB		EPA 6010/3010	08/25/2021 12:33	<3.46 ug/L	3.46	15.0 ug/L	1
00934	Sodium	GRAB		EPA 6010/3010	08/25/2021 12:33	<0.446 mg/L	0.446	2.00 mg/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 #

21H 0914



Logged in by **PRC SWA**
 Meets Accredited by **7501 N. 103rd Road, WPB, FL 33412**
 Doc. Ctrl: 0401120-003

Project Name: Managing Hydrogeologist
Phone: 561 640-4000
Fax: 561 640-3400

CHAIN OF CUSTODY RECORD

1460 W. McNab Road, Ft. Laud. FL 33309
 108 Airport Park Dr., Garden City, GA 31408
 528 Gooch Rd., Fort Meade, FL 33841
 610 Parrot Ave. N, Okeechobee, FL 34972
 33412 E. Easton Drive, Lakeland, FL 33803

COC# A 03620

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

DUE DATE Requested
RUSH RESERVATION #
 Rush Surcharges apply

Report to: (Company) **Address:** **Invoice to:** (Company) **Address:** **Site:** **Location:** **Phone:** **Facility:** **Project Name:** **Project Number:** **Project:** **Contact:**

Original-Return w/report **Yellow-Lab File Copy** **Pink - Sampler Copy**
Matrix: **Time Sampled:** **Date Sampled:** **Sample ID:** **Sample Number:** **Lab Control Number:** **Shaded Areas For Laboratory Use Only**

Matrix: DW SW GW S SED HW BIO SEA OIL X AIR
Time Sampled: 9:25 9:55 11:10 12:10 9:55
Date Sampled: 8/24/21 8/24/21 8/24/21 8/24/21 8/24/21
Sample ID: CTMW-4I CTMW-4S CTMW-3S CTMW-3I CTSE082421
Sample Number: 01 02 03 04 05
Lab Control Number: METAL TRIP BLANK 82421A METAL TRIP BLANK 82421B

Bottle & Pres. Combo Codes/ **Matrix:** **Time Sampled:** **Date Sampled:** **Sample ID:** **Sample Number:** **Lab Control Number:**

Number of Containers Received & NRELAC Letter Suffixes A-? **Matrix:** **Time Sampled:** **Date Sampled:** **Sample ID:** **Sample Number:** **Lab Control Number:**

Preservatives: A-ascorbic acid C-HCL Cu-CuSO4 H-HNO3 M-MCAB MeOH:Methanol Z-zinc acetate

Additional Preservatives: Hex-Hex Cr Buffer ED4-Ethylene Diamine

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

Special Comments: Cooler # 001,008 "I waive TNI protocol" (emergency) (sign here) >

Deliverables: Sample Custody & Field Comments

Received on Ice: (Y/N) **Received:** (Y/N) **Seals:** (Y/N) **Field Time:** _____

Pick Up: _____ **Charges:** _____

Signature: _____ **Affiliation:** _____ **Date/Time:** _____

Relinquished by: _____ **Received by:** _____

Relinquished by: _____ **Received by:** _____

Relinquished by: _____ **Received by:** _____

Relinquished by: _____ **Received by:** _____

Relinquished by: _____ **Received by:** _____

Relinquished by: _____ **Received by:** _____

Relinquished by: _____ **Received by:** _____

Relinquished by: _____ **Received by:** _____

Relinquished by: _____ **Received by:** _____

Relinquished by: _____ **Received by:** _____

Relinquished by: _____ **Received by:** _____

Relinquished by: _____ **Received by:** _____

Relinquished by: _____ **Received by:** _____

Signature: _____ **Site:** _____ **Location:** _____ **Phone:** _____ **Facility:** _____ **Project Name:** _____ **Project Number:** _____ **Project:** _____ **Contact:** _____

Analysis Required

See page Letter of: 3 JUNE 24, 2021

Field Tests: TEMPERATURE PH C O N D C H L O R

Signature	Affiliation	Date/Time
1	Relinquished by: Manny Alvarez	8/24/21 13:38
1	Received by: [Signature]	8/24/21 13:38
2	Relinquished by: [Signature]	8/24/21 15:55
2	Received by: [Signature]	8/24/21 15:55
3	Relinquished by: [Signature]	8/24/21 15:55
3	Received by: [Signature]	8/24/21 15:55

21#0914

CENTRAL COUNTY TRANSFER STATION - MONITORING WELLS

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

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

1 Field Duplicate (CTSFD)

1 Field Blank (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. Field Parameters

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

D. Well Information (field)

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

Page 2 of 2

COC # 03620

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: 8-24-21
WELL NO: CTMW-4I	Well Type: Compliance	Well Location: Park on Hillside Drive	SITE 1810 Lantana Road, LOCATION: Lantana, FL

PURGING DATA

Top of Casing Elevation(ft): 21.07	Static Depth To Water (ft): 13.55	Water Table Elevation NGVD (ft): 7.52	Column Height (ft): 55.82	Total Well Depth (ft): 69.42'					
WELLDIAMETER (in): 2" PVC		1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = 3x9							
WELL CAPACITY (gal/ft): 0.16		= (69.42' - 13.55 = 55.82) X 0.16 = 8.93 GALLONS							
PURGE METHOD: Redi-flo		PURGE INITIATED AT: 8:55	PURGE ENDED AT: 9:22	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	1.0	13.82	6.57	27.3	456	0.34	1.20
1	9	18		13.84	6.62	27.4	456	0.35	0.75
1	9	27		13.84	6.64	27.3	457	0.31	0.57
FINAL FIELD VALUES →					pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
					6.64	27.3	457	—	0.57
Color: light yellow	Odor: NO	Sheen: NO	Comments: METAL TICP AR EDOME BLANK 82421 A				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: 9:25	SAMPLING ENDED AT: 9:30	Weather: Sunny + HOT			
FIELD DECONTAMINATION: No	FIELD-FILTERED: No	DUPLICATE: Y <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		220	2.0
2	HDPE		H2SO4			
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)						
SAMPLED BY (PRINT) Manny Alvarez ANTONIO RICHARDS			SAMPLER(S) SIGNATURE(S) 			

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: 8/24/21
WELL NO: CTMW- 4S	Well Type: Compliance	Well Location: Park on Hillside Drive	SITE 1810 Lantana Road, LOCATION: Lantana, FI

PURGING DATA

Top of Casing Elevation(ft): 20.95	Static Depth To Water (ft): 13.42	Water Table Elevation NGVD (ft): 7.53	Column Height (ft): 19.03	Total Well Depth (ft): 32.45'						
WELLDIAMETER (in): 2" PVC		1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = 3x4								
WELL CAPACITY (gal/ft): 0.16		= (32.45' - 13.42 = 19.03) X 0.16 = 3.04 GALLONS 4								
PURGE METHOD: Redi-flo		PURGE INITIATED AT: 9:40	PURGE ENDED AT: 9:52	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	13.53	6.20	27.2	403	0.37	3.23	
1	4	8		13.54	6.32	27.3	403	0.32	4.03	
1	4	12		13.54	6.38	27.3	402	0.31	2.57	
FINAL FIELD VALUES →					pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	
					—	6.38	27.3	402	—	2.57
Color: Light yellow	Odor: NO	Sheen: NO	Comments: Metaltrip Blank 82421 B				Cooler # 008			
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: 9:55	SAMPLING ENDED AT: 10:00	Weather: Overcast + Hot			
FIELD DECONTAMINATION: No	FIELD-FILTERED: No	DUPLICATE: <input checked="" type="radio"/> Y <input 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			Metals
2	HDPE		H2SO4		2.0	Ammonia
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)						
SAMPLED BY (PRINT) Manuy Alvarez			SAMPLER(S) SIGNATURE(S) 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: PBCC05	DATE: 8-24-21
WELL NO: CTMW- 3S	Well Type: Compliance	Well Location: South of retention Pond	SITE 1810 Lantana Road, LOCATION: Lantana, FI

PURGING DATA

Top of Casing Elevation(ft): 23.35	Static Depth To Water (ft): 15.58	Water Table Elevation NGVD (ft): 7.77	Column Height (ft): 20.72	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 - 15.58 = 20.72) X 0.16 = 3.31 GALLONS									
PURGE METHOD: Redi-flo		PURGE INITIATED AT: 11:45	PURGE ENDED AT: 11:05	TOTAL VOL. PURGED (gal): 20						
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	15.73	5.85	26.8	203	0.33	7.24	
1	4	8		15.73	5.99	26.8	204	0.28	3.35	
1	4	12		15.73	6.14	26.8	203	0.23	0.92	
1	4	16		15.73	6.22	26.8	203	0.21	0.47	
1	4	20		15.73	6.26	26.8	203	0.21	0.41	
FINAL FIELD VALUES →					pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	
					—	6.26	26.8	203	—	0.41
Color: Light yellow	Odor: NO	Sheen: NO	Comments: Metal Trip Blank 82421 B				Cooler # 008			
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: 11:10	SAMPLING ENDED AT: 11:15	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	1-LITER	HNO3			Metals
2	HDPE		H2SO4	< 2.0		Ammonia
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)						
SAMPLED BY (PRINT): Manu Alvarez			SAMPLER(S) SIGNATURE(S): 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: 8/24/21
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): 15.54	Water Table Elevation NGVD (ft): 7.8	Column Height (ft): 56.92	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' - 15.54 = 56.92) X 0.16 = 9.10			GALLONS 10

PURGE METHOD: Redi-flo		PURGE INITIATED AT: 11:20	PURGE ENDED AT: 12:07	TOTAL VOL. PURGED (gal): 50
-------------------------------	--	----------------------------------	------------------------------	------------------------------------

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	1.35	15.74	6.33	26.7	475	0.22	4.04
1	10	20		15.74	6.59	26.3	478	0.14	1.64
1	10	30		15.74	6.78	26.3	478	0.16	1.14
1	10	40		15.74	6.83	26.3	478	0.12	0.47
1	10	50		15.74	6.87	26.3	478	0.11	0.79

FINAL FIELD VALUES →				pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
				6.87	26.3	478	—	0.79

Color: Light yellow	Odor: NO	Sheen: NO	Comments: Metal trip Blank 82421 B	Cooler # 008
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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: 12:10	SAMPLING ENDED AT: 12:15	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	1- LITER	HNO3			
2	HDPE		H2SO4		< 2.0	
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)						
SAMPLED BY (PRINT): Manny Alvarez & ANTONIO RICHARDS				SAMPLER(S) SIGNATURE(S): <i>[Signatures]</i>		

SOLID WASTE AUTHORITY

DIVISION OF ENVIRONMENTAL PROGRAMS

FIELD DUPLICATE DATA SHEET

Sample Type: GRAB
 Site Identification: Central County Transfer Station

Date: 8/24/21

Sample I.D. CTSFD 082421

Time: 9:55

Field duplicates are collected in the field randomly during the sampling process by filling the appropriate sampling bottle and the identical field duplicate bottle in rapid succession. This process is repeated until both sets of sampling bottles are filled.

Notes and comments
 Overcast + Hot
 pH < 2.0 in preservative

Field Parameters		Units	Sample
Temperature	27.3	C	Appearance
Cond: X	402	uMHOS/cm	Light yellow No odor No sheen
	ATC		
pH	6.38	Std Units	
DO	0.31 MA	mg/L	
Turbidity	2.57	ntu	

Cooler # 008
 Metal Trip Blank
 82421 B

Quantity	Size	Type	Preservative	Sample Container Inventory	Analysis

Sampled By: Manny Alvarez
ANTONIO RICHARDS

Method of Shipment: Spectrum