



NELAP Certificate No. E86006



1460 West McNab Road
Fort Lauderdale, FL 33309
1-800-ANALYTE Phone
(954) 978-6400 Phone
(954) 978-2233 Fax

RECEIVED
DEC 07, 2022
REV-1

Ground Water Monitoring Report

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

Date Received: 10/27/2022 16:30
Date Reported: 11/16/2022 15:31
Report Period: 2022Q4

Project Name: Central County Transfer Station MW's
Lab Work Order (COC): 22J1045

Laboratory Sample #

- 22J1045-01
- 22J1045-02
- 22J1045-03
- 22J1045-04
- 22J1045-05
- 22J1045-06

Client Sample #

- CTMW-4I
- CTMW-4S
- CTSFD 102722
- CTMW-3S
- CTMW-3I
- Metal Trip Blank 102722



Central County Transfer Station MW's

Lab ID: 22J1045-01

Diameter (in): 2
 Depth to Water (ft): 13.16
 Top of Casing (ft): 21.07
 Total Depth (ft): 69.42

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

Parameter Monitoring Report

WACS Facility ID #: PBCC01 Sampling Date/Time: 10/27/22 08:00
 WACS Test Site ID#: PBCC08 Report Period: 2022Q4
 Well Name: CTMW-4I Well Purge (Y/N): Y
 GW Classification: G-II Well Type: Background Compliance (X)
 GW Elevation (NGVD): 7.91 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	10/27/2022 08:00	497 uS/cm @ 25°C		uS/cm @ 25°C	1
00406	pH (Field) at 25°C	GRAB	N	FDEP SOP	10/27/2022 08:00	7.39 S.U.		S.U.	1
	Temperature (field)	GRAB	N	FDEP SOP	10/27/2022 08:00	27.2 °C		°C	1
	Turbidity (Field)	GRAB	N	FDEP SOP	10/27/2022 08:00	0.43 NTU		NTU	1

Classical Chemistry Parameters

	TRPH	GRAB	N	EPA 1664	11/01/2022 15:40	<1.39 mg/L	1.39	4.18 mg/L	1
--	------	------	---	----------	------------------	------------	------	-----------	---

Wet Chemistry

	Total Alkalinity	GRAB	N	EPA 310.2	11/05/2022 15:43	191 mg/L	3.74	10.0 mg/L	1
00151	Ammonia as N	GRAB	N	EPA 350.1	11/02/2022 14:09	0.168 mg/L	0.00620	0.0200 mg/L	1
00940	Chloride	GRAB	N	EPA 300.0	10/28/2022 17:50	31.5 mg/L	0.126	0.500 mg/L	1
	Chemical Oxygen Demand	GRAB	N	EPA 410.4	10/29/2022 13:30	21.4 mg/L	2.54	10.0 mg/L	1
	Color	GRAB	N	SM 2120B	10/28/2022 10:00	40/7.30 Apparent CU	5.00	15.0 Apparent CU	1
	MBAS as LAS, mol wt. 340	GRAB	N	SM5540C	10/28/2022 13:00	<0.0220 mg/L	0.0220	0.100 mg/L	1
71851	Nitrate as N	GRAB	N	EPA 300.0	10/28/2022 17:50	<0.00720 mg/L	0.00720	0.0750 mg/L	1
	Odor at 60°C	GRAB	N	SM 2150B	10/27/2022 18:10	<1.00 T.O.N.	1.00	3.00 T.O.N.	1
00945	Sulfate	GRAB	N	EPA 300.0	10/28/2022 17:50	14.6 mg/L	0.0953	0.500 mg/L	1
	Sulfide	GRAB	N	SM 4500-S D	10/28/2022 15:30	0.0540 mg/L	0.00210	0.0100 mg/L	1
00134	Total Dissolved Solids	GRAB	N	SM 2540C	11/03/2022 19:31	278 mg/L	20.0	60.0 mg/L	2
81393	Total Kjeldahl Nitrogen	GRAB	N	EPA 351.2	11/08/2022 12:50	0.185 mg/L	0.184	0.552 mg/L	1

Total Recoverable Metals by EPA 200 Series Methods

01002	Arsenic	GRAB	N	EPA 200.8	10/31/2022 14:54	0.535 ug/L	0.115	0.500 ug/L	1
01042	Copper	GRAB	N	EPA 200.8	10/31/2022 14:54	<1.01 ug/L	1.01	4.00 ug/L	1
71900	Mercury	GRAB	N	EPA 200.8	11/02/2022 15:43	<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	10/31/2022 11:31	8.60 ug/L	0.0962	1.00 ug/L	1
01027	Cadmium	GRAB	N	EPA 6010/3010	10/31/2022 11:31	<0.217 ug/L	0.217	1.00 ug/L	1
01034	Chromium	GRAB	N	EPA 6010/3010	10/31/2022 11:31	2.50 ug/L I	0.513	5.00 ug/L	1
01045	Iron	GRAB	N	EPA 6010/3010	10/31/2022 11:31	503 ug/L	1.69	10.0 ug/L	1
01051	Lead	GRAB	N	EPA 6010/3010	10/31/2022 11:31	<1.93 ug/L	1.93	10.0 ug/L	1
01147	Selenium	GRAB	N	EPA 6010/3010	10/31/2022 11:31	<4.39 ug/L	4.39	15.0 ug/L	1
00934	Sodium	GRAB	N	EPA 6010/3010	10/31/2022 11:31	18.0 mg/L	0.521	2.00 mg/L	1



Central County Transfer Station MW's

Lab ID: 22J1045-02

Diameter (in): 2
 Depth to Water (ft): 13.03
 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: 10/27/22 08:33
 WACS Test Site ID#: PBCC07 Report Period: 2022Q4
 Well Name: CTMW-4S Well Purge (Y/N): Y
 GW Classification: G-II Well Type: Background Compliance (X)
 GW Elevation (NGVD): 7.92 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	10/27/2022 08:33	392 uS/cm @ 25°C		uS/cm @ 25°C	1
00406	pH (Field) at 25°C	GRAB	N	FDEP SOP	10/27/2022 08:33	7.18 S.U.		S.U.	1
	Temperature (field)	GRAB	N	FDEP SOP	10/27/2022 08:33	27.5 °C		°C	1
	Turbidity (Field)	GRAB	N	FDEP SOP	10/27/2022 08:33	1.11 NTU		NTU	1

Classical Chemistry Parameters

	TRPH	GRAB	N	EPA 1664	11/01/2022 15:40	<1.39 mg/L	1.39	4.18 mg/L	1
--	------	------	---	----------	------------------	------------	------	-----------	---

Wet Chemistry

	Total Alkalinity	GRAB	N	EPA 310.2	11/05/2022 15:43	143 mg/L	3.74	10.0 mg/L	1
00151	Ammonia as N	GRAB	N	EPA 350.1	11/02/2022 14:09	0.154 mg/L	0.00620	0.0200 mg/L	1
00940	Chloride	GRAB	N	EPA 300.0	10/28/2022 18:07	22.1 mg/L	0.126	0.500 mg/L	1
	Chemical Oxygen Demand	GRAB	N	EPA 410.4	10/29/2022 13:30	30.9 mg/L	2.54	10.0 mg/L	1
	Color	GRAB	N	SM 2120B	10/28/2022 10:00	60/7.15 Apparent CU	5.00	15.0 Apparent CU	1
	MBAS as LAS, mol wt. 340	GRAB	N	SM5540C	10/28/2022 13:00	0.0430 mg/L I	0.0220	0.100 mg/L	1
71851	Nitrate as N	GRAB	N	EPA 300.0	10/28/2022 18:07	<0.00720 mg/L	0.00720	0.0750 mg/L	1
	Odor at 60°C	GRAB	N	SM 2150B	10/27/2022 18:10	<1.00 T.O.N.	1.00	3.00 T.O.N.	1
00945	Sulfate	GRAB	N	EPA 300.0	10/28/2022 18:07	12.6 mg/L	0.0953	0.500 mg/L	1
	Sulfide	GRAB	N	SM 4500-S D	10/28/2022 15:30	0.0530 mg/L	0.00210	0.0100 mg/L	1
00134	Total Dissolved Solids	GRAB	N	SM 2540C	11/03/2022 19:31	234 mg/L	20.0	60.0 mg/L	2
81393	Total Kjeldahl Nitrogen	GRAB	N	EPA 351.2	11/08/2022 12:50	0.286 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	10/31/2022 14:58	1.31 ug/L	0.115	0.500 ug/L	1
01042	Copper	GRAB	N	EPA 200.8	10/31/2022 14:58	<1.01 ug/L	1.01	4.00 ug/L	1
71900	Mercury	GRAB	N	EPA 200.8	11/02/2022 15:45	<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	10/31/2022 11:32	11.7 ug/L	0.0962	1.00 ug/L	1
01027	Cadmium	GRAB	N	EPA 6010/3010	10/31/2022 11:32	<0.217 ug/L	0.217	1.00 ug/L	1
01034	Chromium	GRAB	N	EPA 6010/3010	10/31/2022 11:32	3.40 ug/L I	0.513	5.00 ug/L	1
01045	Iron	GRAB	N	EPA 6010/3010	10/31/2022 11:32	868 ug/L	1.69	10.0 ug/L	1
01051	Lead	GRAB	N	EPA 6010/3010	10/31/2022 11:32	<1.93 ug/L	1.93	10.0 ug/L	1
01147	Selenium	GRAB	N	EPA 6010/3010	10/31/2022 11:32	<4.39 ug/L	4.39	15.0 ug/L	1
00934	Sodium	GRAB	N	EPA 6010/3010	10/31/2022 11:32	12.0 mg/L	0.521	2.00 mg/L	1



Central County Transfer Station MW's

Lab ID: 22J1045-03

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 #:	PBCC01	Sampling Date/Time:	10/27/22 08:33
WACS Test Site ID#:	PBCC07	Report Period:	2022Q4
Well Name:	CTSFD 102722	Well Purge (Y/N):	
GW Classification:	G-II	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
-------------	-----------	----------------------------	---------------------	-----------------	--------------------	------------------------	-------------------------------	-----	------------

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

00402	Specific Conductance (field)	GRAB	N	FDEP SOP	10/27/2022 08:33	392 uS/cm @ 25°C	uS/cm @ 25°C		1
00406	pH (Field) at 25°C	GRAB	N	FDEP SOP	10/27/2022 08:33	7.18 S.U.	S.U.		1
	Temperature (field)	GRAB	N	FDEP SOP	10/27/2022 08:33	27.5 °C	°C		1
	Turbidity (Field)	GRAB	N	FDEP SOP	10/27/2022 08:33	1.11 NTU	NTU		1

Classical Chemistry Parameters

	TRPH	GRAB	N	EPA 1664	11/01/2022 15:40	<1.39 mg/L	1.39	4.18 mg/L	1
--	------	------	---	----------	------------------	------------	------	-----------	---

Wet Chemistry

	Total Alkalinity	GRAB	N	EPA 310.2	11/05/2022 15:43	144 mg/L	3.74	10.0 mg/L	1
00151	Ammonia as N	GRAB	N	EPA 350.1	11/02/2022 14:09	0.153 mg/L	0.00620	0.0200 mg/L	1
00940	Chloride	GRAB	N	EPA 300.0	10/28/2022 18:23	22.0 mg/L	0.126	0.500 mg/L	1
	Chemical Oxygen Demand	GRAB	N	EPA 410.4	11/04/2022 15:30	35.6 mg/L	2.54	10.0 mg/L	1
	Color	GRAB	N	SM 2120B	10/28/2022 10:00	60/7.16 Apparent CU	5.00	15.0 Apparent CU	1
	MBAS as LAS, mol wt. 340	GRAB	N	SM5540C	10/28/2022 13:00	0.0330 mg/L I	0.0220	0.100 mg/L	1
71851	Nitrate as N	GRAB	N	EPA 300.0	10/28/2022 18:23	<0.00720 mg/L	0.00720	0.0750 mg/L	1
	Odor at 60°C	GRAB	N	SM 2150B	10/27/2022 18:10	<1.00 T.O.N.	1.00	3.00 T.O.N.	1
00945	Sulfate	GRAB	N	EPA 300.0	10/28/2022 18:23	11.9 mg/L	0.0953	0.500 mg/L	1
	Sulfide	GRAB	N	SM 4500-S D	10/28/2022 15:30	0.0520 mg/L	0.00210	0.0100 mg/L	1
00134	Total Dissolved Solids	GRAB	N	SM 2540C	11/03/2022 19:31	236 mg/L	20.0	60.0 mg/L	2
81393	Total Kjeldahl Nitrogen	GRAB	N	EPA 351.2	11/08/2022 12:50	0.292 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	10/31/2022 15:31	1.30 ug/L	0.115	0.500 ug/L	1
01042	Copper	GRAB	N	EPA 200.8	10/31/2022 15:31	1.28 ug/L I	1.01	4.00 ug/L	1
71900	Mercury	GRAB	N	EPA 200.8	11/02/2022 15:47	<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	10/31/2022 11:34	11.4 ug/L	0.0962	1.00 ug/L	1
01027	Cadmium	GRAB	N	EPA 6010/3010	10/31/2022 11:34	<0.217 ug/L	0.217	1.00 ug/L	1
01034	Chromium	GRAB	N	EPA 6010/3010	10/31/2022 11:34	3.30 ug/L I	0.513	5.00 ug/L	1
01045	Iron	GRAB	N	EPA 6010/3010	10/31/2022 11:34	846 ug/L	1.69	10.0 ug/L	1
01051	Lead	GRAB	N	EPA 6010/3010	10/31/2022 11:34	<1.93 ug/L	1.93	10.0 ug/L	1
01147	Selenium	GRAB	N	EPA 6010/3010	10/31/2022 11:34	<4.39 ug/L	4.39	15.0 ug/L	1
00934	Sodium	GRAB	N	EPA 6010/3010	10/31/2022 11:34	11.8 mg/L	0.521	2.00 mg/L	1



Central County Transfer Station MW's

Lab ID: 22J1045-04

Diameter (in): 2
 Depth to Water (ft): 15.25
 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: 10/27/22 09:37
 WACS Test Site ID#: PBCC05 Report Period: 2022Q4
 Well Name: CTMW-3S Well Purge (Y/N): Y
 GW Classification: G-II Well Type: Background Compliance (x)
 GW Elevation (NGVD): 8.1 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	10/27/2022 09:37	279 uS/cm @ 25°C		uS/cm @ 25°C	1
00406	pH (Field) at 25°C	GRAB	N	FDEP SOP	10/27/2022 09:37	7.57 S.U.		S.U.	1
	Temperature (field)	GRAB	N	FDEP SOP	10/27/2022 09:37	26.8 °C		°C	1
	Turbidity (Field)	GRAB	N	FDEP SOP	10/27/2022 09:37	0.55 NTU		NTU	1

Classical Chemistry Parameters

	TRPH	GRAB	N	EPA 1664	11/01/2022 15:40	<1.39 mg/L	1.39	4.18 mg/L	1
--	------	------	---	----------	------------------	------------	------	-----------	---

Wet Chemistry

	Total Alkalinity	GRAB	N	EPA 310.2	11/05/2022 15:43	74.9 mg/L	3.74	10.0 mg/L	1
00151	Ammonia as N	GRAB	N	EPA 350.1	11/02/2022 14:09	0.0177 mg/L I	0.00620	0.0200 mg/L	1
00940	Chloride	GRAB	N	EPA 300.0	10/28/2022 18:40	21.0 mg/L	0.126	0.500 mg/L	1
	Chemical Oxygen Demand	GRAB	N	EPA 410.4	11/04/2022 15:30	9.50 mg/L I	2.54	10.0 mg/L	1
	Color	GRAB	N	SM 2120B	10/28/2022 10:00	5.0/7.52 Apparent CU	5.00	15.0 Apparent CU	1
	MBAS as LAS, mol wt. 340	GRAB	N	SM5540C	10/28/2022 13:00	<0.0220 mg/L	0.0220	0.100 mg/L	1
71851	Nitrate as N	GRAB	N	EPA 300.0	10/28/2022 18:40	<0.00720 mg/L	0.00720	0.0750 mg/L	1
	Odor at 60°C	GRAB	N	SM 2150B	10/27/2022 18:10	<1.00 T.O.N.	1.00	3.00 T.O.N.	1
00945	Sulfate	GRAB	N	EPA 300.0	10/28/2022 18:40	11.1 mg/L	0.0953	0.500 mg/L	1
	Sulfide	GRAB	N	SM 4500-S D	10/28/2022 15:30	0.00500 mg/L I	0.00210	0.0100 mg/L	1
00134	Total Dissolved Solids	GRAB	N	SM 2540C	11/03/2022 19:31	146 mg/L	20.0	60.0 mg/L	2
81393	Total Kjeldahl Nitrogen	GRAB	N	EPA 351.2	11/08/2022 12:50	<0.184 mg/L	0.184	0.552 mg/L	1

Total Recoverable Metals by EPA 200 Series Methods

01002	Arsenic	GRAB	N	EPA 200.8	10/31/2022 15:35	0.288 ug/L I	0.115	0.500 ug/L	1
01042	Copper	GRAB	N	EPA 200.8	10/31/2022 15:35	<1.01 ug/L	1.01	4.00 ug/L	1
71900	Mercury	GRAB	N	EPA 200.8	11/02/2022 15:50	<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	10/31/2022 11:50	4.40 ug/L	0.0962	1.00 ug/L	1
01027	Cadmium	GRAB	N	EPA 6010/3010	10/31/2022 11:50	<0.217 ug/L	0.217	1.00 ug/L	1
01034	Chromium	GRAB	N	EPA 6010/3010	10/31/2022 11:50	0.700 ug/L I	0.513	5.00 ug/L	1
01045	Iron	GRAB	N	EPA 6010/3010	10/31/2022 11:50	39.2 ug/L	1.69	10.0 ug/L	1
01051	Lead	GRAB	N	EPA 6010/3010	10/31/2022 11:50	<1.93 ug/L	1.93	10.0 ug/L	1
01147	Selenium	GRAB	N	EPA 6010/3010	10/31/2022 11:50	<4.39 ug/L	4.39	15.0 ug/L	1
00934	Sodium	GRAB	N	EPA 6010/3010	10/31/2022 11:50	9.22 mg/L	0.521	2.00 mg/L	1



Central County Transfer Station MW's

Lab ID: 22J1045-05

Diameter (in): 2
 Depth to Water (ft): 15.25
 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: 10/27/22 10:12
 WACS Test Site ID#: PBCC06 Report Period: 2022Q4
 Well Name: CTMW-31 Well Purge (Y/N): Y
 GW Classification: G-II Well Type: Background Compliance (X)
 GW Elevation (NGVD): 8.09 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	10/27/2022 10:12	500 uS/cm @ 25°C		uS/cm @ 25°C	1
00406	pH (Field) at 25°C	GRAB	N	FDEP SOP	10/27/2022 10:12	7.51 S.U.		S.U.	1
	Temperature (field)	GRAB	N	FDEP SOP	10/27/2022 10:12	26.2 °C		°C	1
	Turbidity (Field)	GRAB	N	FDEP SOP	10/27/2022 10:12	0.33 NTU		NTU	1

Classical Chemistry Parameters

	TRPH	GRAB	N	EPA 1664	11/01/2022 15:40	<1.39 mg/L	1.39	4.18 mg/L	1
--	------	------	---	----------	------------------	------------	------	-----------	---

Wet Chemistry

	Total Alkalinity	GRAB	N	EPA 310.2	11/05/2022 15:43	192 mg/L	3.74	10.0 mg/L	1
00151	Ammonia as N	GRAB	N	EPA 350.1	11/02/2022 14:09	0.429 mg/L	0.00620	0.0200 mg/L	1
00940	Chloride	GRAB	N	EPA 300.0	10/28/2022 19:13	32.6 mg/L	0.126	0.500 mg/L	1
	Chemical Oxygen Demand	GRAB	N	EPA 410.4	11/04/2022 15:30	23.7 mg/L	2.54	10.0 mg/L	1
	Color	GRAB	N	SM 2120B	10/28/2022 10:00	40/7.57 Apparent CU	5.00	15.0 Apparent CU	1
	MBAS as LAS, mol wt. 340	GRAB	N	SM5540C	10/28/2022 13:00	<0.0220 mg/L	0.0220	0.100 mg/L	1
71851	Nitrate as N	GRAB	N	EPA 300.0	10/28/2022 19:13	<0.00720 mg/L	0.00720	0.0750 mg/L	1
	Odor at 60°C	GRAB	N	SM 2150B	10/27/2022 18:10	<1.00 T.O.N.	1.00	3.00 T.O.N.	1
00945	Sulfate	GRAB	N	EPA 300.0	10/28/2022 19:13	14.9 mg/L	0.0953	0.500 mg/L	1
	Sulfide	GRAB	N	SM 4500-S D	10/28/2022 15:30	0.0300 mg/L	0.00210	0.0100 mg/L	1
00134	Total Dissolved Solids	GRAB	N	SM 2540C	11/03/2022 19:31	286 mg/L	20.0	60.0 mg/L	2
81393	Total Kjeldahl Nitrogen	GRAB	N	EPA 351.2	11/08/2022 12:50	0.460 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	10/31/2022 15:40	0.319 ug/L I	0.115	0.500 ug/L	1
01042	Copper	GRAB	N	EPA 200.8	10/31/2022 15:40	<1.01 ug/L	1.01	4.00 ug/L	1
71900	Mercury	GRAB	N	EPA 200.8	11/02/2022 15:52	<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	10/31/2022 11:52	7.10 ug/L	0.0962	1.00 ug/L	1
01027	Cadmium	GRAB	N	EPA 6010/3010	10/31/2022 11:52	<0.217 ug/L	0.217	1.00 ug/L	1
01034	Chromium	GRAB	N	EPA 6010/3010	10/31/2022 11:52	0.700 ug/L I	0.513	5.00 ug/L	1
01045	Iron	GRAB	N	EPA 6010/3010	10/31/2022 11:52	733 ug/L	1.69	10.0 ug/L	1
01051	Lead	GRAB	N	EPA 6010/3010	10/31/2022 11:52	<1.93 ug/L	1.93	10.0 ug/L	1
01147	Selenium	GRAB	N	EPA 6010/3010	10/31/2022 11:52	<4.39 ug/L	4.39	15.0 ug/L	1
00934	Sodium	GRAB	N	EPA 6010/3010	10/31/2022 11:52	21.2 mg/L	0.521	2.00 mg/L	1



Central County Transfer Station MW's

Lab ID: 22J1045-06

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: 10/27/22 08:00

WACS Test Site ID#:

Report Period: 2022Q4

Well Name: Metal Trip Blank 102722

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	10/31/2022 15:44	<0.115 ug/L	0.115	0.500 ug/L	1
01042	Copper	GRAB		EPA 200.8	10/31/2022 15:44	<1.01 ug/L	1.01	4.00 ug/L	1
71900	Mercury	GRAB		EPA 200.8	11/02/2022 15:54	<0.0116 ug/L	0.0116	0.100 ug/L	1

Metals by EPA 6000/7000 Series Methods

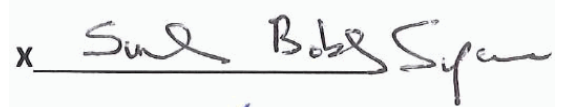
01007	Barium	GRAB		EPA 6010/3010	10/31/2022 11:54	<0.0962 ug/L	0.0962	1.00 ug/L	1
01027	Cadmium	GRAB		EPA 6010/3010	10/31/2022 11:54	<0.217 ug/L	0.217	1.00 ug/L	1
01034	Chromium	GRAB		EPA 6010/3010	10/31/2022 11:54	<0.513 ug/L	0.513	5.00 ug/L	1
01045	Iron	GRAB		EPA 6010/3010	10/31/2022 11:54	<1.69 ug/L	1.69	10.0 ug/L	1
01051	Lead	GRAB		EPA 6010/3010	10/31/2022 11:54	<1.93 ug/L	1.93	10.0 ug/L	1
01147	Selenium	GRAB		EPA 6010/3010	10/31/2022 11:54	<4.39 ug/L	4.39	15.0 ug/L	1
00934	Sodium	GRAB		EPA 6010/3010	10/31/2022 11:54	<0.521 mg/L	0.521	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 #
227045
PBC SWA



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
 120 Parrot Ave. N, Okeechobee, FL 34972
 111 E. Easton Drive, Lakeland, FL 33803

Logged by **WPN** on **10/27/22**
 Meets Agency Requirements
 Contact: **Managing Hydrogeologist**

Report to Phone: **561 640-4000**
 Invoice to: **561 640-3400**
 (company name)

COC# A 08347
 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
Rush Surcharges apply

Yellow-Lab File Copy Pink - Sampler Copy

Report to Address: _____
 Invoice to Address: _____
 Site Location: _____
 Email: _____

Project Name and/or Number: **Central county Transfer Station monitoring wells**
 Project: _____
 Phone: _____
 Affiliation: _____

Sampler Name: **Antonio Richards**
 (printed) **Manny Alvarez**

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 Suffixes #	Sampler Signature	Analysis Required					
								C H L O R	C O N D	P H	T E M P °C		
1	CTMW-4I	10/27/22	8:00	GW	TH TS PS	6	<i>[Signature]</i>						
2	CTMW-4S	10/27/22	8:33	GW	PS	6							
3	CT5FD 102722	10/27/22	8:33	GW		6							
4	CTMW-3S	10/27/22	9:37	GW		6							
5	CTMW-3I	10/27/22	10:12	GW		6							
6													
7													
8	Metal Trip Blank 102722	10/27/22	8:00	DI	TH	1							
9	Metal Trip Blank 102722	10/27/22	0955	DI	TH	1							
10													

See page 3 Letter of: September 15, 2022

Signature: _____ Affiliation: _____ Date/Time: _____

Relinquished by: **Manny Alvarez** 10/27/22 12:07
 Received by: *[Signature]* 10/27/22 12:07
 Relinquished by: *[Signature]* 10/27/22 16:30
 Received by: *[Signature]* 10/27/22 16:30
 Relinquished by: *[Signature]* 10/27/22 16:30
 Received by: _____

Special Comments: **Cooler # 005, 011**
 "I waive IMI protocol" (emergency) (sign here) >
 Deliverables: _____

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

SEE FIELD SHEETS FOR FIELD PARAMETERS

Matrix: Yes No
 A-ascorbic acid
 C-HCL
 Cu-CuSO4
 Di-DI water
 H-HNO3
 M-MCAB
 MeOH-Methanol
 Z-zinc acetate

Preservatives: P-PHPO4
 S-H2SO4
 T-Na2S2O3
 U-Unpreserved
 N-NaOH
 NH4-NH4CL
 Y-Sterile

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

Bottle Type: A-liter amber
 B-Bacteria bag/bottle
 F-500 ml
 H-Plastic Amber Litter
 L-liter bottle
 S2-2 oz soil jar
 S4-4 oz soil jar / S8-8 oz soil jar
 T-250 ml
 V-40 ml vial
 W-wide mouth
 X-other

TED-Tedlar Air Bag

Sample Custody & Field Comments: _____

Received on Ice: _____
 as received _____
 GUN-FIELD TIME _____
 Pick Up _____ hrs

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 #08347

Dated: 10/27/22

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: 10/27/2022
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): 13.16	Water Table Elevation NGVD (ft): 7.91	Column Height (ft): 56.25	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' - 13.16 = 56.25) X 0.16 = 9.00 GALLONS 9			

PURGE METHOD: Redi-flo	PURGE INITIATED AT: 7:30	PURGE ENDED AT: 7:50	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	1.35	13.45	7.40	27.2	495	0.14	1.85
1	9	18		13.45	7.38	27.2	496	0.11	0.74
1	9	27		13.45	7.39	27.2	497	0.10	0.43

FINAL FIELD VALUES →				pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
				7.39	27.2	497	NOT REQUIRED	0.43

Color: Slight Yellow	Odor: NO	Sheen: NO	Comments: Metal Trip Blank 102722	Cooler # 011
-----------------------------	-----------------	------------------	--	---------------------

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: 8:00	SAMPLING ENDED AT: 8:05	Weather: Overcast + cool				
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		2.0	Metals
2	HDPE		H2SO4	None		2.0	Ammonia
3	HDPE		ZN ACETATE	None		2.0	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): Manny 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: PBCC07	DATE: 10/27/2022
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): 13.03	Water Table Elevation NGVD (ft): 7.92	Column Height (ft): 19.42	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' - 13.03 = 19.42) X 0.16 = 3.10 GALLONS 4								
PURGE METHOD: Redi-flo		PURGE INITIATED AT: 8:10	PURGE ENDED AT: 8:30	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	13.11	7.31	26.7	401	0.44	1.64
1	4	8		13.11	7.28	27.0	394	0.18	1.62
1	4	12		13.11	7.21	27.5	391	0.29	1.75
1	4	16		13.11	7.20	27.5	391	0.19	1.40
1	4	20		13.11	7.18	27.5	392	0.09	1.11
FINAL FIELD VALUES →					pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
					7.18	27.5	392	NOT REQUIRED	1.11
Color: Light yellow	Odor: NO	Sheen: NO	Comments: Metal Trip Blank 102722				Cooler # 011		
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: 8:33	SAMPLING ENDED AT: 8:42	Weather: Sunny + cool			
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	22.0	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) Manny Alvarez Antonio RICHARDS			SAMPLER(S) SIGNATURE(S) <i>[Signature]</i>			

Solid Waste Authority of Palm Beach County Field Duplicate Ground Water

SITE NAME: Central County Transfer Station		WACS Facility ID: PBCC01	DATE: 10/27/2022
Sample name: CTSFD 102722		WACS Test Site ID: PBCC07	SAMPLE TIME: 8:33
Matrix: Ground Water	Well Type: Other	Site Location: 1810 Lantana Road - Lantana, FL	

Description: Field duplicates are designed to measure the variability in the sampling process. Field Duplicates are collected by repeating (simultaneously or in rapid succession) the entire sample acquisition technique that was used to obtain the first sample.	
Classification of Ground Water: GII	Weather Conditions: Sunny + cool
Sample Method: GRAB	Well No: CTMW-45

Field Duplicate - Field Data

FIELD VALUES →	Other	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L) NOT REQUIRED	TURBIDITY (NTUs)
		7.18	27.5	392		1.11
Color: <i>Light yellow</i>	Odor: <i>NO</i>	Sheen: <i>NO</i>	Comments: Metal Trip Blank 102722			Cooler # 011

SAMPLING DATA

FIELD DECONTAMINATION: No			FIELD-FILTERED: No			DUPLICATE: Yes
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	<i>None</i>	<i><2.0</i>	Metals
2	HDPE		H2SO4	<i>None</i>	<i><2.0</i>	Ammonia
3	HDPE		ZN ACETATE	<i>None</i>	<i>>9.0</i>	Sulfide
4	AG		H2SO4	<i>None</i>	<i><2.0</i>	TRPH, OIL AND GREASE
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)						
SAMPLED BY (PRINT) <i>Manny Alvarez Antonio Richards</i>				SAMPLER(S) SIGNATURE(S) <i>[Signature]</i>		

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: 10/27/2022
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): 15.25	Water Table Elevation NGVD (ft): 8.1	Column Height (ft): 15.25	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 - 15.25 = 21.05) X 0.16 = 3.68 GALLONS 4

PURGE METHOD: Redi-flo	PURGE INITIATED AT: 9:10	PURGE ENDED AT: 9:26	TOTAL VOL. PURGED (gal): 16
----------------------------------	------------------------------------	--------------------------------	---------------------------------------

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	15.38	7.49	26.5	276	0.61	3.02
1	4	8		15.38	7.59	26.8	278	0.33	0.61
1	4	12		15.40	7.59	26.8	279	0.32	0.36
1	4	16		15.40	7.57	26.8	279	0.26	0.55

FINAL FIELD VALUES →				pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
				7.57	26.8	279	NOT REQUIRED	0.55

Color: Clear	Odor: NO	Sheen: NO	Comments: Reference Metal Trip Blank 102722	Cooler # 005
------------------------	--------------------	---------------------	--	--------------

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

9:33

SAMPLING DATA

SAMPLING METHOD(S): Redi-flo Pump	SAMPLING INITIATED AT: 8:32 NA	SAMPLING ENDED AT: MA 8:37 9:37	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	<2.0	Metals
2	HDPE		H2SO4	None	<2.0	Ammonia
3	HDPE		ZN ACETATE	None	>9.0	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) Manny Alvarez Antonio Richards	SAMPLER(S) SIGNATURE(S) <i>[Signature]</i>
---	--

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: 10/27/2022
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): 15.25	Water Table Elevation NGVD (ft): 8.09	Column Height (ft): 15.25	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 = (72.46' - 15.25 = 57.21) X 0.16 = 9.15 GALLONS₁₀			
WELL CAPACITY (gal/ft): 0.16				

PURGE METHOD: Redi-flo	PURGE INITIATED AT: 9:45	PURGE ENDED AT: 10:07	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	1.11	15.40	7.51	26.2	501	0.30	1.57
1	10	20		15.40	7.51	26.2	500	0.23	0.75
1	10	30		15.40	7.51	26.2	500	0.22	0.33

FINAL FIELD VALUES →				pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
				7.51	26.2	500	NOT REQUIRED	0.33

Color: Slight yellow	Odor: NO	Sheen: NO	Comments: Reference Metal Trip Blank 102722	Cooler # 005
-----------------------------	-----------------	------------------	--	---------------------

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: 10:12	SAMPLING ENDED AT: 10:17	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	29.0	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): Manny Alvarez Antonio Richards	SAMPLER(S) SIGNATURE(S): 	Page 15 of 15
--	------------------------------	---------------