



NELAP Certificate No. E86006



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

**RECIEVED**  
**OCT 05, 2022**

**Ground Water Monitoring Report**

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

Date Received: 09/12/2022 15:20  
Date Reported: 10/04/2022 16:18  
Report Period: 2022Q3

**Project Name: Central County Transfer Station MW's**  
**Lab Work Order (COC): 22I0426**

**Laboratory Sample #**

- 22I0426-01
- 22I0426-02
- 22I0426-03
- 22I0426-04
- 22I0426-05

**Client Sample #**

- CTMW-4I RE
- CTMW-4S RE
- CTSFD 091222 RE
- CTMW-3I RE
- CTMW-3S RE



Central County Transfer Station MW's

**Lab ID:** 2210426-01  
**Sheen:** No  
**Color:** Light Yellow  
**Odor:** No  
**Matrix:** Groundwater

**Diameter (in):** 2  
**Depth to Water (ft):** 14.13  
**Top of Casing (ft):** 21.07  
**Total Depth (ft):** 69.42

**Parameter Monitoring Report**

<b>WACS Facility ID #:</b> PBCC01	<b>Sampling Date/Time:</b> 09/12/22 09:15
<b>WACS Test Site ID#:</b> PBCC08	<b>Report Period:</b> 2022Q3
<b>Well Name:</b> CTMW-4I RE	<b>Well Purge (Y/N):</b> Y
<b>GW Classification:</b> G-II	<b>Well Type:</b> Background
<b>GW Elevation (NGVD):</b> 6.94	Intermediate
	<b>Compliance (X)</b> 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	
<b>Field Parameter (s) (See Notes and Definitions Page)</b>									
00402	Specific Conductance (field)	GRAB	N	FDEP SOP	09/12/2022 09:15	486 uS/cm @ 25°C		uS/cm @ 25°C	1
00406	pH (Field) at 25°C	GRAB	N	FDEP SOP	09/12/2022 09:15	7.41 S.U.		S.U.	1
	Temperature (field)	GRAB	N	FDEP SOP	09/12/2022 09:15	27.3 °C		°C	1
	Turbidity (Field)	GRAB	N	FDEP SOP	09/12/2022 09:15	0.88 NTU		NTU	1
<b>Wet Chemistry</b>									
	Sulfide	GRAB	N	SM 4500-S D	09/13/2022 11:00	0.0480 mg/L	0.00210	0.0100 mg/L	1



Central County Transfer Station MW's

**Lab ID:** 2210426-02  
**Sheen:** No  
**Color:** Slight Yellow  
**Odor:** No  
**Matrix:** Groundwater

**Diameter (in):** 2  
**Depth to Water (ft):** 14.00  
**Top of Casing (ft):** 20.95  
**Total Depth (ft):** 32.45

**Parameter Monitoring Report**

<b>WACS Facility ID #:</b>	PBCC01	<b>Sampling Date/Time:</b>	09/12/22 09:45
<b>WACS Test Site ID#:</b>	PBCC07	<b>Report Period:</b>	2022Q3
<b>Well Name:</b>	CTMW-4S RE	<b>Well Purge (Y/N):</b>	Y
<b>GW Classification:</b>	G-II	<b>Well Type:</b>	Background
<b>GW Elevation (NGVD):</b>	6.95		Intermediate
		<b>Compliance (X)</b>	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	
<b>Field Parameter (s) (See Notes and Definitions Page)</b>									
00402	Specific Conductance (field)	GRAB	N	FDEP SOP	09/12/2022 09:45	416 uS/cm @ 25°C		uS/cm @ 25°C	1
00406	pH (Field) at 25°C	GRAB	N	FDEP SOP	09/12/2022 09:45	7.19 S.U.		S.U.	1
	Temperature (field)	GRAB	N	FDEP SOP	09/12/2022 09:45	27.2 °C		°C	1
	Turbidity (Field)	GRAB	N	FDEP SOP	09/12/2022 09:45	2.73 NTU		NTU	1
<b>Wet Chemistry</b>									
	Sulfide	GRAB	N	SM 4500-S D	09/13/2022 11:00	0.0510 mg/L	0.00210	0.0100 mg/L	1



Central County Transfer Station MW's

**Lab ID:** 2210426-03

**Diameter (in):**

**Sheen:** No

**Depth to Water (ft):**

**Color:** Slight Yellow

**Top of Casing (ft):**

**Odor:** No

**Total Depth (ft):**

**Matrix:** Groundwater

**Parameter Monitoring Report**

<b>WACS Facility ID #:</b>	PBCC01	<b>Sampling Date/Time:</b>	09/12/22 09:45
<b>WACS Test Site ID#:</b>	PBCC07	<b>Report Period:</b>	2022Q3
<b>Well Name:</b>	CTSFD 091222 RE	<b>Well Purge (Y/N):</b>	
<b>GW Classification:</b>	G-II	<b>Well Type:</b>	Background Compliance
<b>GW Elevation (NGVD):</b>			Intermediate Other (X)

Storet Code	Parameter	Sample Method Grab/Comp	Field Filter Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		Dil Factor
							MDL	PQL	
<b>Field Parameter (s) (See Notes and Definitions Page)</b>									
00402	Specific Conductance (field)	GRAB	N	FDEP SOP	09/12/2022 09:45	416 uS/cm @ 25°C		uS/cm @ 25°C	1
00406	pH (Field) at 25°C	GRAB	N	FDEP SOP	09/12/2022 09:45	7.19 S.U.		S.U.	1
	Temperature (field)	GRAB	N	FDEP SOP	09/12/2022 09:45	27.2 °C		°C	1
	Turbidity (Field)	GRAB	N	FDEP SOP	09/12/2022 09:45	2.73 NTU		NTU	1
<b>Wet Chemistry</b>									
	Sulfide	GRAB	N	SM 4500-S D	09/13/2022 11:00	0.0500 mg/L	0.00210	0.0100 mg/L	1



Central County Transfer Station MW's

**Lab ID:** 2210426-04

**Diameter (in):** 2  
**Depth to Water (ft):** 16.12  
**Top of Casing (ft):** 23.34  
**Total Depth (ft):** 72.46

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

**Parameter Monitoring Report**

<b>WACS Facility ID #:</b> PBCC01	<b>Sampling Date/Time:</b> 09/12/22 10:45
<b>WACS Test Site ID#:</b> PBCC06	<b>Report Period:</b> 2022Q3
<b>Well Name:</b> CTMW-31 RE	<b>Well Purge (Y/N):</b> Y
<b>GW Classification:</b> G-II	<b>Well Type:</b> Background
<b>GW Elevation (NGVD):</b> 7.22	Intermediate
	<b>Compliance (X)</b> 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	
<b>Field Parameter (s) (See Notes and Definitions Page)</b>									
00402	Specific Conductance (field)	GRAB	N	FDEP SOP	09/12/2022 10:45	493 uS/cm @ 25°C		uS/cm @ 25°C	1
00406	pH (Field) at 25°C	GRAB	N	FDEP SOP	09/12/2022 10:45	7.51 S.U.		S.U.	1
	Temperature (field)	GRAB	N	FDEP SOP	09/12/2022 10:45	26.1 °C		°C	1
	Turbidity (Field)	GRAB	N	FDEP SOP	09/12/2022 10:45	0.62 NTU		NTU	1
<b>Wet Chemistry</b>									
	Sulfide	GRAB	N	SM 4500-S D	09/13/2022 11:00	0.0290 mg/L	0.00210	0.0100 mg/L	1



Central County Transfer Station MW's

**Lab ID:** 2210426-05  
**Sheen:** No  
**Color:** Slight Yellow  
**Odor:** No  
**Matrix:** Groundwater

**Diameter (in):** 2  
**Depth to Water (ft):** 16.15  
**Top of Casing (ft):** 23.35  
**Total Depth (ft):** 36.30

**Parameter Monitoring Report**

<b>WACS Facility ID #:</b> PBCC01	<b>Sampling Date/Time:</b> 09/12/22 11:20
<b>WACS Test Site ID#:</b> PBCC05	<b>Report Period:</b> 2022Q3
<b>Well Name:</b> CTMW-3S RE	<b>Well Purge (Y/N):</b> Y
<b>GW Classification:</b> G-II	<b>Well Type:</b> Background
<b>GW Elevation (NGVD):</b> 7.2	Intermediate
	<b>Compliance (X)</b> 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	
<b>Field Parameter (s) (See Notes and Definitions Page)</b>									
00402	Specific Conductance (field)	GRAB	N	FDEP SOP	09/12/2022 11:20	266 uS/cm @ 25°C		uS/cm @ 25°C	1
00406	pH (Field) at 25°C	GRAB	N	FDEP SOP	09/12/2022 11:20	7.56 S.U.		S.U.	1
	Temperature (field)	GRAB	N	FDEP SOP	09/12/2022 11:20	26.6 °C		°C	1
	Turbidity (Field)	GRAB	N	FDEP SOP	09/12/2022 11:20	0.29 NTU		NTU	1
<b>Wet Chemistry</b>									
	Sulfide	GRAB	N	SM 4500-S D	09/13/2022 11:00	<0.00210 mg/L	0.00210	0.0100 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.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the detection limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
N.O.O.	No Odor Observed
REP	Field parameter measured by client
V	Indicated that the analyte was detected in both the sample and the associated method blank.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
Z	Too many colonies were present for accurate counting.
SUB	Work performed by outside (subcontracted) labs denoted by SUB in analyst field.

QC=Qualifier Codes as defined by DEP 62-160

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

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

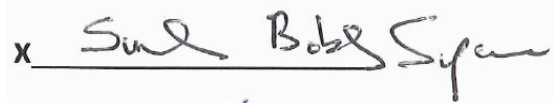
Legionella analyzed under CDC accreditation program

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

Field parameters are not NELAP accredited.

Results relate only to this sample.

Suresh (Bobby) Supan - CSM



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

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

**WORK ORDER #**



Doc. Ctrl: 0401120-003  
Date: 10/19/2020 Rev. 3

Logged in LIMS by *MA*  
Meets Acceptance Criteria *YN*

**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
- 111 E. Easton Drive, Lakeland, FL 33803

**COC# A 08329**

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

**DUE DATE Requested**

**RUSH RESERVATION #**

*Rush Surcharges apply*

**Yellow-Lab File Copy**      **Pink - Sampler Copy**

Report to: **501 N. Jog Road, WPB, FL 33412**      Original-Return w/report

Address: \_\_\_\_\_      Report to Address: \_\_\_\_\_

Invoice to Address: \_\_\_\_\_      Invoice to Address: \_\_\_\_\_

Site Location: \_\_\_\_\_      Site Location: \_\_\_\_\_

Phone: \_\_\_\_\_      Phone: \_\_\_\_\_

Fax: \_\_\_\_\_      Fax: \_\_\_\_\_

Project Name: **Central County Transfer Station - Monitoring Wells**

Company: **Florida Spectrum Environmental Services, Inc.**

Contact: **Managing Hydrogeologist**

Phone: **561 640-4000**

Order #: \_\_\_\_\_

Project Name: **ANTONIO ALVARAZ RICHARD ALVARAZ**

Sampler Name: **Manuel Alvaraz**

Affiliation: \_\_\_\_\_

ORDER # Lab Control Number	Sample ID	Date Sampled	Time Sampled	Matrix	Bottle & Pres.	Number of Containers Received & NELAC Letter Suffixes A-?	Sampler Signature	Field Tests				
								T E M P °C	P H	C O N D	C H L O R	
01	CTMW-4I RE	9/12/22	9:15	GW	02M	1	<i>Manuel Alvaraz</i>	✓				
02	CTMW-4S RE	9/12/22	9:45	GW	J	1		✓				
03	CTSF091222 RE	9/12/22	9:45	GW	J	1		✓				
04	CTMW-3I RE	9/12/22	10:45	GW	J	1		✓				
05	CTMW-3S RE	9/12/22	11:20	GW	J	1		✓				
06												
07												
08												
09												
10												

Special Comments: **Reference COC # 08314 Dated 8/31/22 FOR FIELD PARAMETERS**

COGLER # 015

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

Deliverables: \_\_\_\_\_

Signature: *Manuel Alvaraz*      Affiliation: \_\_\_\_\_      Date/Time: 9/12/22 12:50

Relinquished by: \_\_\_\_\_      Relinquished by: \_\_\_\_\_      Relinquished by: \_\_\_\_\_

Received by: \_\_\_\_\_      Received by: \_\_\_\_\_      Received by: \_\_\_\_\_

Signature: \_\_\_\_\_      Affiliation: \_\_\_\_\_      Date/Time: \_\_\_\_\_

Relinquished by: \_\_\_\_\_      Relinquished by: \_\_\_\_\_      Relinquished by: \_\_\_\_\_

Received by: \_\_\_\_\_      Received by: \_\_\_\_\_      Received by: \_\_\_\_\_

Signature: \_\_\_\_\_      Affiliation: \_\_\_\_\_      Date/Time: \_\_\_\_\_

Relinquished by: \_\_\_\_\_      Relinquished by: \_\_\_\_\_      Relinquished by: \_\_\_\_\_

Received by: \_\_\_\_\_      Received by: \_\_\_\_\_      Received by: \_\_\_\_\_



## Solid Waste Authority of Palm Beach County GROUNDWATER SAMPLING LOG

SITE NAME: <b>Central County Transfer Station</b>		WACS Facility ID: <b>PBCC01</b> WACS Test Site ID: <b>PBCC08</b>	DATE: <b>09/12/2022</b>
WELL NO: <b>CTMW-4I RE</b>	Well Type: <b>Compliance</b>	Well Location: <b>Park on Hillside Drive</b>	SITE <b>1810 Lantana Road,</b> LOCATION: <b>Lantana, FL</b>

### PURGING DATA

Top of Casing Elevation(ft): <b>21.07</b>	Static Depth To Water (ft): <b>14.13</b>	Water Table Elevation NGVD (ft): <b>6.94</b>	Column Height (ft): <b>55.29</b>	Total Well Depth (ft): <b>69.42'</b>					
WELLDIAMETER (in): <b>2" PVC</b>	<b>1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = 3 X 9</b>								
WELL CAPACITY (gal/ft): <b>0.16</b>	<b>= ( 69.42' - 14.13 = 55.29 ) X 0.16 = 8.84 GALLONS 9</b>								
PURGE METHOD: <b>Redi-flo</b>		PURGE INITIATED AT: <b>8:50</b>	PURGE ENDED AT: <b>9:11</b>	TOTAL VOL. PURGED (gal): <b>27</b>					
WELL VOLS. Purged	Volume Purged (gal)	CUMUL. VOL. Purged (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
1	9	9	1.28	14.42	7.41	27.3	484	0.53	6.81
1	9	18		14.40	7.41	27.4	487	0.61	1.61
1	9	27		14.40	7.41	27.3	486	0.50	0.88
<b>FINAL FIELD VALUES →</b>					pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
					7.41	27.3	486	—	0.88
Color: <b>Light Yellow</b>	Odor: <b>NO</b>	Sheen: <b>NO</b>	Comments:				Cooler # <b>015</b>		
WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88									

### SAMPLING DATA

SAMPLING METHOD(S): <b>Redi-flo Pump</b>	SAMPLING INITIATED AT: <b>9:15</b>	SAMPLING ENDED AT: <b>9:17</b>	Weather: <b>Sunny + Hot</b>			
FIELD DECONTAMINATION: <b>No</b>	FIELD-FILTERED: <b>No</b>	DUPLICATE: <b>Y (N)</b>				
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		ZN ACETATE	<b>None</b>	<b>79.0</b>	Sulfide

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*

*[Signature]*

## Solid Waste Authority of Palm Beach County GROUNDWATER SAMPLING LOG

SITE NAME: <b>Central County Transfer Station</b>		WACS Facility ID: <b>PBCC01</b> WACS Test Site ID: <b>PBCC07</b>	DATE: <b>09/12/2022</b>
WELL NO: <b>CTMW- 4S RE</b>	Well Type: <b>Compliance</b>	Well Location: <b>Park on Hillside Drive</b>	SITE <b>1810 Lantana Road,</b> LOCATION: <b>Lantana, FI</b>

### PURGING DATA

Top of Casing Elevation(ft): <b>20.95</b>	Static Depth To Water (ft): <b>14.00</b>	Water Table Elevation NGVD (ft): <b>6.95</b>	Column Height (ft): <b>18.45</b>	Total Well Depth (ft): <b>32.45'</b>					
WELLDIAMETER (in): <b>2" PVC</b>	1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = <b>3x3</b>								
WELL CAPACITY (gal/ft): <b>0.16</b>	= ( <b>32.45' - 14.00 = 18.45</b> ) X <b>0.16</b> = <b>2.95</b> <span style="float: right;"><b>GALLONS 3</b></span>								
PURGE METHOD: <b>Redi-flo</b>		PURGE INITIATED AT: <b>9:25</b>	PURGE ENDED AT: <b>9:34</b>	TOTAL VOL. PURGED (gal): <b>9</b>					
WELL VOLS. Purged	Volume Purged (gal)	CUMUL. VOL. Purged (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
1	3	3	1.0	14.12	7.28	27.0	427	0.58	2.48
1	3	6		14.12	7.23	27.2	417	0.35	3.46
1	3	9		14.12	7.19	27.2	416	0.32	2.73
<b>FINAL FIELD VALUES →</b>					pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
					7.19	27.2	416	—	2.73
Color: <b>Slight yellow</b>	Odor: <b>NO</b>	Sheen: <b>NO</b>	Comments:				Cooler # <b>015</b>		
WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88									

### SAMPLING DATA

SAMPLING METHOD(S): <b>Redi-flo Pump</b>	SAMPLING INITIATED AT: <b>9:45</b>	SAMPLING ENDED AT: <b>9:48</b>	Weather: <b>Sunny + Hot</b>	
FIELD DECONTAMINATION: <b>No</b>	FIELD-FILTERED: <b>No</b>	DUPLICATE: <b>(Y) N</b>		
SAMPLE CONTAINER SPECIFICATION		SAMPLE PRESERVATION		INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	
				FINAL pH
1			ZN ACETATE	None
				7.90
INTENDED ANALYSIS AND/OR METHOD: <b>Sulfide</b>				

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 Field Duplicate Ground Water


SITE NAME: <b>Central County Transfer Station</b>		WACS Facility ID: <b>PBCC01</b>	DATE: <b>09/12/2022</b>
Sample name: <b>CTSFD 091222 RE</b>		WACS Test Site ID: <b>PBCC07</b>	SAMPLE TIME: <b>9:45</b>
Matrix: <b>Ground Water</b>	Well Type: <b>Other</b>	Site Location: <b>1810 Lantana Road - Lantana, FL</b>	

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

### Field Duplicate - Field Data

FIELD VALUES →	Other	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
		7.19	27.2	416	—	2.73
Color: <b>Slight yellow</b>	Odor: <b>NO</b>	Sheen: <b>NO</b>	Comments			Cooler # <b>015</b>

### SAMPLING DATA

FIELD DECONTAMINATION: <b>No</b>			FIELD-FILTERED: <b>No</b>			DUPLICATE: <b>Yes</b>	
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		ZN ACETATE	<b>None</b>	<b>79.0</b>	Sulfide	
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)							
SAMPLED BY (PRINT) <b>ANTONIO RICHARD</b>				SAMPLER(S) SIGNATURE(S)			
<b>Manny Alvarez</b>							

## Solid Waste Authority of Palm Beach County GROUNDWATER SAMPLING LOG

SITE NAME: <b>Central County Transfer Station</b>		WACS Facility ID: <b>PBCC01</b> WACS Test Site ID: <b>PBCC06</b>	DATE: <b>09/12/2022</b>
WELL NO: <b>CTMW-3I RE</b>	Well Type: <b>Compliance</b>	Well Location: South of retention Pond	SITE <b>1810 Lantana Road,</b> LOCATION: <b>Lantana, FL</b>

### PURGING DATA

Top of Casing Elevation(ft): <b>23.34</b>	Static Depth To Water (ft): <b>16.12</b>	Water Table Elevation NGVD (ft): <b>7.22</b>	Column Height (ft): <b>56.34</b>	Total Well Depth (ft): <b>72.46'</b>
WELLDIAMETER (in): <b>2" PVC</b>	1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = <b>3 X 10</b>			
WELL CAPACITY (gal/ft): <b>0.16</b>	= (72.46' - 16.12 = 56.34) X 0.16 = <b>9.01</b> GALLONS <sub>10</sub>			

PURGE METHOD: <b>Redi-flo</b>	PURGE INITIATED AT: <b>10:20</b>	PURGE ENDED AT: <b>10:42</b>	TOTAL VOL. PURGED (gal): <b>30</b>
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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	1.36	16.39 <del>14.55</del>	7.49	26.2	492	0.21	4.71
1	10	20		16.39	7.51	26.1	493	0.26	0.98
1	10	30		16.39	7.51	26.1	493	0.25	0.62

<b>FINAL FIELD VALUES →</b>				pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
				7.51	26.1	493	—	0.62

Color: <b>Slight yellow</b>	Odor: <b>NO</b>	Sheen: <b>NO</b>	Comments:	Cooler # <b>015</b>
WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88				

### SAMPLING DATA

SAMPLING METHOD(S): <b>Redi-flo Pump</b>	SAMPLING INITIATED AT: <b>10:45</b>	SAMPLING ENDED AT: <b>10:47</b>	Weather: <b>Sunny + Hot</b>			
FIELD DECONTAMINATION: <b>No</b>	FIELD-FILTERED: <b>No</b>	DUPLICATE: <b>Y</b> (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		ZN ACETATE		<b>None</b>	<b>79.0</b>

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

SAMPLED BY (PRINT) <b>Antonio Richards</b> <i>Manny Alvarez</i>	SAMPLER(S) SIGNATURE(S) <i>[Signature]</i>
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## Solid Waste Authority of Palm Beach County GROUNDWATER SAMPLING LOG

SITE NAME: <b>Central County Transfer Station</b>		WACS Facility ID: <b>PBCC01</b> WACS Test Site ID: <b>PBCC05</b>	DATE: <b>09/12/2022</b>
WELL NO: <b>CTMW- 3S RE</b>	Well Type: <b>Compliance</b>	Well Location: South of retention Pond	SITE <b>1810 Lantana Road,</b> LOCATION: <b>Lantana, FI</b>

### PURGING DATA

Top of Casing Elevation(ft): <b>23.35</b>	Static Depth To Water (ft): <b>16.15</b>	Water Table Elevation NGVD (ft): <b>7.2</b>	Column Height (ft): <b>20.15</b>	Total Well Depth (ft): <b>36.30'</b>					
WELLDIAMETER (in): <b>2" PVC</b>	1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = <b>3 x 4</b>								
WELL CAPACITY (gal/ft): <b>0.16</b>	= ( <b>36.30 - 16.15 = 20.15</b> ) X <b>0.16</b> = <b>3.22</b> <span style="float: right;"><b>GALLONS 4</b></span>								
PURGE METHOD: <b>Redi-flo</b>		PURGE INITIATED AT: <b>11:00</b>	PURGE ENDED AT: <b>11:12</b>	TOTAL VOL. PURGED (gal): <b>12</b>					
WELL VOLS. Purged	Volume Purged (gal)	CUMUL. VOL. Purged (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
1	4	4	1.0	16.35	7.49	26.6	259	0.27	2.04
1	4	8		16.35	7.57	26.6	267	0.30	0.50
1	4	12		16.35	7.56	26.6	266	0.31	0.29
<b>FINAL FIELD VALUES →</b>					pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
					7.56	26.6	266	—	0.29
Color: <b>Slight yellow</b>	Odor: <b>NO</b>	Sheen: <b>NO</b>	Comments:			Cooler # <b>015</b>			
WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88									

### SAMPLING DATA

SAMPLING METHOD(S): <b>Redi-flo Pump</b>	SAMPLING INITIATED AT: <b>11:20</b>	SAMPLING ENDED AT: <b>11:22</b>	Weather: <b>Sunny + Hot</b>			
FIELD DECONTAMINATION: <b>No</b>	FIELD-FILTERED: <b>No</b>	DUPLICATE: <b>Y</b> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;"><b>N</b></span>				
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		ZN ACETATE		<b>7.90</b>	Sulfide
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)						
SAMPLED BY (PRINT) <b>Antonio Richards</b>			SAMPLER(S) SIGNATURE(S) 			
<b>Manny Alvarez</b>						