













Central County Transfer Station MW's  
**Diameter (in):** 2  
**Depth to Water (ft):** 8.60  
**Top of casing (ft):** 23.35  
**Total Depth (ft):** 36.30  
 Ground Water Elevation (NGVD) 14.75

**Lab ID:** 20J0929-03  
**Sheen:**No  
**Color:**Slight Yellow  
**Odor:**No  
**Matrix:**Groundwater

**Parameter Monitoring Report**

<b>WACS Facility #:</b> PBCC01	<b>Sampling Date:</b> 10/27/20 12:46
<b>WACS Test Site ID#:</b> PBCC05	<b>Report Period:</b> 2020Q4
<b>Well Name:</b> CTMW-3S	<b>Well Purge (Y/N):</b> Y
<b>GW Classification:</b> G-II	<b>Well Type:</b> Background Intermediate
	<b>Compliance (X)</b> Other

Parameter	Result	Units	Dil	MDL	PQL	Method	Date Ext.	Date Analy.	Analyst
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**Total Recoverable Metals by EPA 200 Series Methods**

Chromium	<1.28	ug/L	1	1.28	5.00	EPA 200.7/3010	10/28 09:30	10/28 14:32	MAZ
Copper	<1.01	ug/L	1	1.01	4.00	EPA 200.8	10/29 09:30	10/29 13:16	MAZ
Iron	683	ug/L	1	2.36	10.0	EPA 200.7/3010	10/28 09:30	10/28 14:32	MAZ
Lead	<1.66	ug/L	1	1.66	10.0	EPA 200.7/3010	10/28 09:30	10/28 14:32	MAZ
Mercury	<0.0116	ug/L	1	0.0116	0.100	EPA 200.8	11/02 08:00	11/02 12:00	IN
Selenium	<4.39	ug/L	1	4.39	15.0	EPA 200.7/3010	10/28 09:30	10/28 14:32	MAZ
Sodium	26.5	mg/L	1	0.420	2.00	EPA 200.7/3010	10/28 09:30	10/28 14:32	MAZ

Florida-Spectrum Environmental Services, Inc.  
 1460 W. McNab Road, Fort Lauderdale, FL 33309

Pembroke Laboratory  
 528 Gooch Rd.  
 Fort Mead, FL 33841

Big Lake Laboratory  
 610 Parrot Ave. N.  
 Okeechobee, FL 34972

Lakeland Laboratory  
 111 Easton Dr.  
 Lakeland, FL 33803

Savannah Laboratory  
 108 Airport Park Dr.  
 Garden City, GA 31408











Central County Transfer Station MW's  
**Diameter (in):**  
**Depth to Water (ft):**  
**Top of casing (ft):**  
**Total Depth (ft):**

**Lab ID:** 20J0929-05  
**Sheen:**No  
**Color:**Light Yellow  
**Odor:**No  
**Matrix:**Groundwater

**Parameter Monitoring Report**

<b>WACS Facility #:</b>		<b>Sampling Date:</b>	10/27/20 11:38
<b>WACS Test Site ID#:</b>		<b>Report Period:</b>	2020Q4
<b>Well Name:</b>	CTSFD-102720	<b>Well Purge (Y/N):</b>	
<b>GW Classification:</b>	G-II	<b>Well Type:</b>	Background Intermediate Compliance Other (X)

Parameter	Result	Units	Dil	MDL	PQL	Method	Date Ext.	Date Analy.	Analyst
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**Total Recoverable Metals by EPA 200 Series Methods**

Chromium	<1.28	ug/L	1	1.28	5.00	EPA 200.7/3010	10/28 09:30	10/28 16:06	MAZ
Copper	<1.01	ug/L	1	1.01	4.00	EPA 200.8	10/29 09:30	10/29 13:22	MAZ
Iron	945	ug/L	1	2.36	10.0	EPA 200.7/3010	10/28 09:30	10/28 16:06	MAZ
Lead	<1.66	ug/L	1	1.66	10.0	EPA 200.7/3010	10/28 09:30	10/28 16:06	MAZ
Mercury	<0.0116	ug/L	1	0.0116	0.100	EPA 200.8	11/02 08:00	11/02 12:05	IN
Selenium	<4.39	ug/L	1	4.39	15.0	EPA 200.7/3010	10/28 09:30	10/28 16:06	MAZ
Sodium	14.8	mg/L	1	0.420	2.00	EPA 200.7/3010	10/28 09:30	10/28 16:06	MAZ

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Central County Transfer Station MW's  
**Diameter (in):**  
**Depth to Water (ft):**  
**Top of casing (ft):**  
**Total Depth (ft):**

**Lab ID:** 20J0929-06  
**Sheen:**No  
**Color:**Clear  
**Odor:**No  
**Matrix:**DI Water

**Parameter Monitoring Report**

**WACS Facility #:**  
**WACS Test Site ID#:**  
**Well Name:** CTSF Blank-102720  
**GW Classification:**  
**Sampling Date:** 10/27/20 12:55  
**Report Period:** 2020Q4  
**Well Purge (Y/N):**  
**Well Type:** Background Intermediate Compliance Other (X)

Parameter	Result	Units	Dil	MDL	PQL	Method	Date Ext.	Date Analy.	Analyst
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**Field Parameter (s) (See Notes and Definitions Page)**

Specific Conductance (field)	5.4	uS/cm @ 25°C	1			FDEP SOP	10/27 12:55	10/27 12:55	REP.
pH (Field) at 25°C	6.81	pH Units	1			FDEP SOP	10/27 12:55	10/27 12:55	REP.
Temperature (field)	27.2	°C	1			FDEP SOP	10/27 12:55	10/27 12:55	REP.
Turbidity (Field)	0.460	NTU	1			FDEP SOP	10/27 12:55	10/27 12:55	REP.

**Classical Chemistry Parameters**

TRPH	1.98	mg/L	1	1.45	4.35	EPA 1664A	10/29 10:00	10/29 19:00	AR
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**Wet Chemistry**

Total Alkalinity	<2.49	mg/L	1	2.49	7.46	EPA 310.2	11/02 12:01	11/02 12:01	SA
Ammonia as N	<0.00620	mg/L	1	0.00620	0.0200	EPA 350.1	11/05 15:55	11/05 15:55	EP
Chloride	<0.140	mg/L	1	0.140	0.419	EPA 300.0	10/28 18:40	10/29 02:59	OC
Chemical Oxygen Demand	<6.14	mg/L	1	6.14	18.4	EPA 410.4	10/29 15:05	10/29 18:05	OC
Color	0/7.68	Pt-Co	1	5.00	15.0	SM 2120B	10/29 10:30	10/29 10:30	AR
MBAS as LAS, mol wt. 340	<0.0220	mg/L	1	0.0220	0.100	SM5540C	10/28 17:50	10/28 17:50	SA
Nitrate as N	<0.0278	mg/L	1	0.0278	0.0835	EPA 300.0	10/28 18:40	10/29 02:59	OC
Odor at 60°C	N.O.O.	T.O.N.	1	1.00	3.00	SM 2150B	10/28 10:15	10/28 10:15	SA
Sulfate	<0.133	mg/L	1	0.133	0.399	EPA 300.0	10/28 18:40	10/29 02:59	OC
Sulfide	0.00900	mg/L	1	0.00620	0.0500	SM 4500-S D	11/02 15:00	11/02 15:00	AR
Total Dissolved Solids	<10.0	mg/L	1	10.0	30.0	SM 2540C	10/30 09:42	11/02 11:29	LC
Total Kjeldahl Nitrogen	<0.184	mg/L	1	0.184	0.552	EPA 351.2	10/28 13:00	10/28 19:14	EP

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

Arsenic	<3.14	ug/L	1	3.14	10.0	EPA 200.7/3010	10/28 09:30	10/28 15:11	MAZ
Barium	<0.144	ug/L	1	0.144	1.00	EPA 200.7/3010	10/28 09:30	10/28 15:11	MAZ
Cadmium	<0.175	ug/L	1	0.175	1.00	EPA 200.7/3010	10/28 09:30	10/28 15:11	MAZ

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Central County Transfer Station MW's  
**Diameter (in):**  
**Depth to Water (ft):**  
**Top of casing (ft):**  
**Total Depth (ft):**

**Lab ID:** 20J0929-06  
**Sheen:**No  
**Color:**Clear  
**Odor:**No  
**Matrix:**DI

**Parameter Monitoring Report**

<b>WACS Facility #:</b>		<b>Sampling Date:</b>	10/27/20 12:55
<b>WACS Test Site ID#:</b>		<b>Report Period:</b>	2020Q4
<b>Well Name:</b>	CTSF Blank-102720	<b>Well Purge (Y/N):</b>	
<b>GW Classification:</b>		<b>Well Type:</b>	Background Intermediate Compliance Other (X)

Parameter	Result	Units	Dil	MDL	PQL	Method	Date Ext.	Date Analy.	Analyst
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**Total Recoverable Metals by EPA 200 Series Methods**

Chromium	<1.28	ug/L	1	1.28	5.00	EPA 200.7/3010	10/28 09:30	10/28 15:11	MAZ
Copper	<1.01	ug/L	1	1.01	4.00	EPA 200.8	10/29 09:30	10/29 13:25	MAZ
Iron	<2.36	ug/L	1	2.36	10.0	EPA 200.7/3010	10/28 09:30	10/28 15:11	MAZ
Lead	<1.66	ug/L	1	1.66	10.0	EPA 200.7/3010	10/28 09:30	10/28 15:11	MAZ
Mercury	<0.0116	ug/L	1	0.0116	0.100	EPA 200.8	11/02 08:00	11/02 12:07	IN
Selenium	<4.39	ug/L	1	4.39	15.0	EPA 200.7/3010	10/28 09:30	10/28 15:11	MAZ
Sodium	<0.420	mg/L	1	0.420	2.00	EPA 200.7/3010	10/28 09:30	10/28 15:11	MAZ

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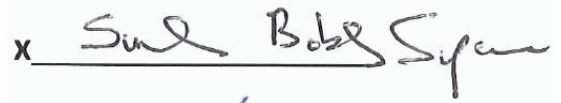
Savannah Laboratory  
 108 Airport Park Dr.  
 Garden City, GA 31408

### 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  
 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 "~".

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**WORK ORDER #**  
202025

Logged in LIMS by *[Signature]*  
Meets Acceptance Criteria: *Y/N*

**Florida Spectrum**  
Environmental Services, Inc.  
Doc. Ctrl: 040119-003  
Date: 8/15/19 Rev. 2

**CHAIN OF CUSTODY RECORD**  
Tel: (954) 978-6400  
Tel: (912) 238-5050  
Tel: (863) 285-8145  
Tel: (863) 763-3336  
Tel: (863) 686-4271

**DUE D**  
Requested  
**RUSH RESERVATION #**  
Rush Surcharges apply

Report to  
**SWA**

Address:  
**501 N. Jog Road, WPB, FL 33412**

Invoice to  
**Central County TRANSFER**

Address:  
**STATION MAINTAINING WELLS**

Location:  
**SWA 012**

Original-Return w/report

Yellow-Lab File Copy

Pink - Sampler Copy

Project Name:  
**MANUAY ALVAREZ**

Phone:  
**561 640-4000**

Fax:  
**561 640-3400**

Sampler Signature  
**Bill Rogem**

Email:  
**[Signature]**

**ORDER #**  
Lab Control Number

**Sample ID**  
Date Sampled

**Time Sampled**  
Matrix

**Bottle & Pres. Combo Codes**  
Number of Containers Received & NELAC Letter Suffixes #

**Analysis Required**

**Field Tests**  
TEMP °C  
PH  
COND  
CHLOR

ORDER #	Sample ID	Date Sampled	Time Sampled	Matrix	Bottle & Pres. Combo Codes	Number of Containers Received & NELAC Letter Suffixes #	Analysis Required	Field Tests
	CTMW-4S	10-27-20	11:38	GW		6	See page 3 Letter of: 9/30/2020	TEMP °C
	CTMW-4I	10-27-20	12:11	GW		6		PH
	CTMW-3S	10-27-20	12:46	GW		6		COND
	CTMW-3I	10-27-20	13:18	GW		6		CHLOR
	CTSFD-102720	10-27-20	11:38	GW		6		
	CTSFBANK-102720	10-27-20	12:55	DI		6		
	AAEFAAIAIAPAAK BR							
Total								

SEE FIELD SHEETS FOR FIELD PARAMETERS

Special Comments:  
**COOLER 010**

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

Signature  
**Manny Alvarez**

Affiliation  
**FSES 10-27-20**

Date/Time  
**14:11**

Sample Custody & Field Comments  
Received on Ice: Y N  
Time as received: Y N  
Closely sealed? Y N  
FIELD TIME  
Pick Up \_\_\_\_\_ hrs  
Charges \_\_\_\_\_

Bottle Type  
A-liter amber  
B-Bacteria bag/bottle  
F-500 ml  
H-Plastic Amber Liter  
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

Preservatives  
A-ascorbic acid  
C-HCL  
Cn-CUSO4  
DI-EDI water  
E-HNO3  
M-MCAB  
MeOH-Methanol  
Z-zinc acetate  
Additional Preservatives  
Hex-Hex Cr Buffer  
EDA-Ethylene Diamine

Relinquished by: **Manny Alvarez** 10-27-20 14:11  
Received by: **[Signature]** FSES 10-27-20 17:00  
Relinquished by: **[Signature]** FSES 10-27-20 17:00  
Received by: **[Signature]** FSES 10/27/20 1705  
Relinquished by: **[Signature]**  
Received by: **[Signature]**

2050929

**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

2 of 2 LOC # SWA 012

## 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>10-27-2020</b>
WELL NO: <b>CTMW-4S</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>6.50</b>	Water Table Elevation NGVD (ft): <b>14.45</b>	Column Height (ft): <b>25.95</b>	Total Well Depth (ft): <b>32.45'</b>					
WELLDIAMETER (in): <b>2" PVC</b>	<b>1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = 3 x 5</b>								
WELL CAPACITY (gal/ft): <b>0.16</b>	<b>= (32.45' - 6.50 = 25.95 ) X 0.16 = 4.15 GALLONS</b>								
PURGE METHOD: <b>Redi-flo</b>		PURGE INITIATED AT: <b>11:10</b>	PURGE ENDED AT: <b>11:37</b>	TOTAL VOL. PURGED (gal): <b>25</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	5	5	.93	6.68	6.15	27.5	370	0.73	8.54
1	5	10		6.70	6.35	27.5	387	0.54	7.26
1	5	15		6.70	6.49	27.5	397	0.22	4.45
1	5	20		6.70	6.60	27.5	403	0.13	2.26
1	5	25		6.70	6.61	27.5	404	0.12	1.79
<b>FINAL FIELD VALUES →</b>				ORP	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
					6.61	27.5	404		1.79
Color: <b>LIGHT YELLOW</b>	Odor: <b>NO</b>	Sheen: <b>NO</b>	Comments						
WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88									

### SAMPLING DATA

SAMPLING METHOD(S): <b>Redi-flo Pump</b>	SAMPLING INITIATED AT: <b>11:38</b>	SAMPLING ENDED AT: <b>11:44</b>	Weather: <b>SUNNY &amp; 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	1- LITER	HNO3			←2
2	HDPE		H2SO4			Ammonia
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)						
SAMPLED BY (PRINT) <b>Bill Rogers Manny Alvarez</b>			SAMPLER(S) SIGNATURE(S) <b>Bill Rogers</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>PBCC08</b>	DATE: <b>10-27-2020</b>
WELL NO: <b>CTMW-4I</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>21.07</b>	Static Depth To Water (ft): <b>6.65</b>	Water Table Elevation NGVD (ft): <b>14.42</b>	Column Height (ft): <b>62.77</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 11</b>								
WELL CAPACITY (gal/ft): <b>0.16</b>	<b>= ( 69.42' - 6.65 = 62.77 ) X 0.16 = 10.04 GALLONS/11</b>								
PURGE METHOD: <b>Redi-flo</b>		PURGE INITIATED AT: <b>11:46</b>	PURGE ENDED AT: <b>12:10</b>	TOTAL VOL. PURGED (gal): <b>33</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	11	11	1.38	7.06	7.13	27.1	449	0.19	1.21
1	11	22		7.06	7.14	27.1	448	0.10	0.55
1	11	33		7.06	7.14	27.1	448	0.11	0.48
				ORP	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
<b>FINAL FIELD VALUES →</b>					7.14	27.1	448		0.48
Color: <b>SLIGHT YELLOW</b>	Odor: <b>NO</b>	Sheen: <b>NO</b>	Comments						
WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88									

### SAMPLING DATA

SAMPLING METHOD(S): <b>Redi-flo Pump</b>	SAMPLING INITIATED AT: <b>12:11</b>	SAMPLING ENDED AT: <b>12:15</b>	Weather: <b>SUNNY &amp; 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	1- LITER	HNO3			Metals
2	HDPE		H2SO4		<b>&lt;2</b>	Ammonia
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)						
SAMPLED BY (PRINT) <b>Bill Rogers Manny Alvarez</b>				SAMPLER(S) SIGNATURE(S) <b>Bill Rogers</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>PBCC05</b>	DATE: <b>10-27-2020</b>
WELL NO: <b>CTMW- 3S</b>	Well Type: <b>Compliance</b>	Well Location: <b>South of retention Pond</b>	SITE <b>1810 Lantana Road,</b> LOCATION: <b>Lantana, FL</b>

### PURGING DATA

Top of Casing Elevation(ft): <b>23.35</b>	Static Depth To Water (ft): <b>8.60</b>	Water Table Elevation NGVD (ft): <b>14.75</b>	Column Height (ft): <b>27.70</b>	Total Well Depth (ft): <b>36.30'</b>					
WELLDIAMETER (in): <b>2" PVC</b>	<b>1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = 3 x 5</b>								
WELL CAPACITY (gal/ft): <b>0.16</b>	<b>= ( 36.30 - 8.60 = 27.70 ) X 0.16 = 4.43 GALLONS</b>								
PURGE METHOD: <b>Redi-flo</b>		PURGE INITIATED AT: <b>12:24</b>	PURGE ENDED AT: <b>12:45</b>	TOTAL VOL. PURGED (gal): <b>15</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	5	5	.72	8.73	6.51	27.2	191	0.74	25.7
1	5	10		8.73	6.59	27.2	198	0.35	16.4
1	5	15		8.73	6.64	27.2	199	0.22	6.52
<b>FINAL FIELD VALUES →</b>				ORP	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
					6.64	27.2	199		6.52
Color: <b>SL1647 Yellow</b>	Odor: <b>NO</b>	Sheen: <b>NO</b>	Comments						
WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88									

### SAMPLING DATA

SAMPLING METHOD(S): <b>Redi-flo Pump</b>	SAMPLING INITIATED AT: <b>12:46</b>	SAMPLING ENDED AT: <b>12:52</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	1- LITER	HNO3			<2
2	HDPE		H2SO4			Ammonia
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)						
SAMPLED BY (PRINT) <b>Bill Roberts Manny Alvarez</b>			SAMPLER(S) SIGNATURE(S) <b>Bill Roberts</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>10-27-2020</b>
WELL NO: <b>CTMW-3I</b>	Well Type: <b>Compliance</b>	Well Location: <b>South of retention Pond</b>	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>8.57</b>	Water Table Elevation NGVD (ft): <b>14.77</b>	Column Height (ft): <b>63.89</b>	Total Well Depth (ft): <b>72.46'</b>					
WELLDIAMETER (in): <b>2" PVC</b>	<b>1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = 3x11</b>								
WELL CAPACITY (gal/ft): <b>0.16</b>	<b>= ( 72.46' - 8.57 = 63.89 ) X 0.16 = 10.22 GALLONS/11</b>								
PURGE METHOD: <b>Redi-flo</b>		PURGE INITIATED AT: <b>12:52</b>	PURGE ENDED AT: <b>13:17</b>	TOTAL VOL. PURGED (gal): <b>33</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	11	11	1.32	8.81	7.21	26.1	524	0.38	4.25
1	11	22		8.81	7.26	26.0	520	0.13	1.87
1	11	33		8.81	7.27	26.0	521	0.08	0.67
				ORP	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
<b>FINAL FIELD VALUES →</b>					7.27	26.0	521		0.67
Color: <b>SLIGHT YELLOW</b>	Odor: <b>NO</b>	Sheen: <b>NO</b>	Comments						
WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88									

### SAMPLING DATA

SAMPLING METHOD(S): <b>Redi-flo Pump</b>	SAMPLING INITIATED AT: <b>13:18</b>	SAMPLING ENDED AT: <b>13:22</b>	Weather: <b>SUNNY &amp; HOT</b>			
FIELD DECONTAMINATION: <b>No</b>	FIELD-FILTERED: <b>No</b>	DUPLICATE: <b>Y</b> <input checked="" type="radio"/> <b>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	1- LITER	HNO3			<2
2	HDPE		H2SO4			Ammonia
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)						
SAMPLED BY (PRINT) <b>Bill Rogers Manny Awaroz</b>			SAMPLER(S) SIGNATURE(S) <b>Bill Rogers</b>			

# SOLID WASTE AUTHORITY

## DIVISION OF ENVIRONMENTAL PROGRAMS

### FIELD DUPLICATE DATA SHEET

Sample Type: GRAB

Site Identification: Central County Transfer Station

Date: 10-27-2020

Sample I.D. CTSFD-102720

Time: 11:38

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  
SUNNY + HOT

pH < 2.0  
in preservative

Field Parameters		Units	Sample
Temperature	27.5	C	Appearance
Cond: X	404 ATC	uMHOS/cm	LIGHT YELLOW
pH	6.61	Std Units	NO ODOR
DO		mg/L	NO SHEEN
Turbidity	1.79	ntu	

Quantity	Size	Type	Preservative	Sample Container Inventory	Analysis

Sampled By: Bill Rogers  
Manny Avila

Method of Shipment: SPECTRUM

# SOLID WASTE AUTHORITY

## DIVISION OF ENVIRONMENTAL PROGRAMS

### FIELD BLANK DATA SHEET

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

Date: 10-27-2020

Sample I.D. **CTSF BLANK-102720**

Time: 12:55

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

Notes and Comments  
**SUNNY & HOT**

PH < 2.0  
 in preservative

LOT # 90320-04  
 CONTAINERS # 436,  
 438, 1036, 1037

Field Parameters		Units	Sample
Temperature	27.2	C	Appearance <b>CLEAR</b>  NO ODDOR  NO SMOELL
Cond: X	5.4	uMHOS/cm	
	ATC		
PH	6.81	Std Units	
DO	8.08	Mg/L	
Turb	0.46	NTU	

Quantity	Size	Type	Sample Container Inventory	
			Preservative	Analysis

Sampled By: Bill ROGERS  
MANNY ACUARO

Method of Shipment: SPECTRUM