

Lab Certification: E45049
LCEL F COC 20150828R1

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Report/Result Information

Billing/Invoice Information

Name: FDEP - South	Name: DNRM	Matrix Codes: DW-Drinking water GW- Ground water WW-Waste water SW-Surface water WWS-Wastewater Sludge S-Sediment O-Other	Preservative Codes: NP-No Preservative N-Nitric Acid S-Sulfuric Acid H-Hydrochloric Acid SH-Sodium Hydroxide ST-Sodium Thiosulfate O-Other
ATTN: Kirby Wolfe	RE: CCHMN-Tidal Caloosa		
Address: 2295 Victoria Ave, Suite 364 PO Box 2549 Ft Myers FL 33901	Address: 1500 Monroe St Ft Myers, FL 33901		
Phone: (239) 344-5719	Phone: (239) 533-8109		

Sample Collector(s) (please print): Nicole Reistad/Monica Jaeger <i>Thomas Baker</i>		Sample Collector Signature: <i>[Signature]</i>		Analyses Required					
Relinquished By: (signature) <i>[Signature]</i>	Date 09/21/22	Time 1448	Received By: (signature) <i>[Signature]</i>						
Relinquished By: (signature)	Date	Time	Received By: (signature)	\$Chloroa, _prep	O-PO4, Color, NOX	TOC	NH3, TKN, TN, T-PO4, NO3, ONIT	Turb, NO2, TSS, Silica, Bod, Bodi	Mug2QT, Entero
Relinquished By: (signature)	Date	Time	Received By: (signature)	Preservatives (see codes)					

Sample(s) on ice ☒ Yes or ☐ No?	Temperature °C: 3.6°C	NP	NPF	S	S	NP	ST
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Collection		Sample Description & Location	Matrix (see codes)	# of Sample Containers Submitted						Lab ID #
Date	Time									
09/21/22	1125	CRNEP_RS #436	SWE	1	1	1	1	2	1	AF36741
09/21/22	1140	CRNEP_RSBOT #436 Bottom	SWE	1	1	1	1	2	1	AF36742
09/21/22	0955	CRNEP_RS #394	SWE	1	1	1	1	2	1	AF36743
09/21/22	1220	CRNEP_RS #442	SWE	1	1	1	1	2	1	AF36744
09/21/22	1235	CRNEP_RSBOT #442 Bottom	SWE	1	1	1	1	2	1	AF36745
09/21/22	1040	CRNEP_RS #404	SWE	1	1	1	1	2	1	AF36746
09/21/22	1305	CRNEP_RS #449	SWE	1	1	1	1	2	1	AF36747
09/21/22	1400	CRNEP_EQ #	SWE	1	1	1	1	2	1	AF36748

SAMPLES SHOULD BE IN WET ICE & LESS THAN 6° C (42.8°F)
OR THEY MAYBE QUALIFIED*

*Qualified = the data may not be accurate and regulatory agencies may not accept qualified data.

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site WIN Code:

Date: 09/21/2022	Site# 394	Region: 1 2	Blank Time:	Blank WIN Code:
Time: 0955	Sonde: PRESIDENT CAMACHO 3 4 5		DUP Time:	Duplicate WIN Code:
Collecting Agency: FDEP			Bottom Time:	Bottom WIN Code:
GPS Selected:	GPS Actual:	Weather Conditions:		
Lat: 26.54164722	Lat: 26.54155	Wind dir/spd: N/2 mph or knots (circle)		
Long: -81.96288188	Long: -81.96281	Wave ht: 0.05 ft (m) (Circle)		
Samplers/FDEP: NR KW MJ WM TB GS JB		Cld cover (%): 10 Hazy Clear Fog Rain		
Sampler Signature: [Signature]		Tide Level: LS LR LF L=Low; M=Mid; H=High		
		MR MF HR HS HF S=Slack, R=Rising, F=Falling		
Water Depth & Secchi:		Water Data: (0.01)		
Total Depth/m	Disappearance Depth/m	Reappearance Depth/m	Secchi Average/m	
2.3	0.5	0.4	0.45	
BOTTOM TYPE: seagrass mud sand hard bottom UNK				
PAR Data: (umol/m ² /s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	
Depth (m)	Deck	0.5 m	1.0 m	
Reading:				
Time: 1001	1145.2	98.672	15.352	
Depth (m)	Deck	m	m	
Reading:				
Time: 1002	1170.0	13.580	3.124	
Depth (m)	Deck	m	m	
Reading:				
Time:				
Additional Comments & Observations:				
Pre/Post PAR readings: (Only on 1st & last sample of trip) Time: 0959				
Air: 1834.9	UW Shallow: 1837.5	UW Deep: 1928.1	Type	SID
			FLO	

Lee Co Environmental Lab: Keith Kibbey or Mishel Mullan (239) 533-8600
 FWC: Sarah Erickson or Tony Yard (941) 613-0945
 FDEP: Kirby Wolfe (239) 470-0873

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 09/21/2022	Site# 40A	Region: 1 2	Blank Time:	Blank Storet Code:						
Time: 1040	Sonde: PRESIDENT CAMACHO	3 4 5	DUP Time:	Duplicate Storet Code:						
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:						
GPS Selected:	GPS Actual:		Weather Conditions:							
Lat: 26.56569218	Lat: 26.56557		Wind dir/spd: N12 mph or knots (circle)							
Long: -81.91908959	Long: -81.91890		Wave ht: 0.05 ft m (Circle)							
Samplers/FDEP: NR KW MJ WM JB GS TB			Cld cover (%): 5 Hazy ☒ Clear ☐ Fog ☐ Rain ☐							
Sampler Signature: [Signature]			Tide Level: LS LR LF L=Low; M=Mid, H=High							
			MR MF HR HS HF S=Slack, R=Rising, F=Falling							
Water Depth & Secchi:			Water Data: (0.01)							
Total Depth/m	Disappearance Depth/m	Reappearance Depth/m	Secchi Average/m	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (°/oo)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
1.7	0.5	0.4	0.45	0.5	29.0	460.0	0.22	4.08	53.1	7.46
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1						
PAR Data: (umol/m²/s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	2						
Depth (m)	Deck	0.5 m	1.0 m	3						
Reading:				4						
Time: 1045	1572.3	98.626	18.311	5						
Depth (m)	Deck	0.5 m	1.0 m	6						
Reading:				7						
Time:				1042	Bottom Depth 1.2	29.0	457.1	0.22	4.04	52.5
Depth (m)	Deck	0.5 m	1.0 m	Blank						
Additional Comments & Observations:										
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time:				Type	SID	
UW Shallow:		UW Deep:		Air:				FLO		

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site WIN Code:

Date: 09/21/2022	Site# 436	Region: 1 2	Blank Time:	Blank WIN Code:
Time: 1125	Sonde: PRESIDENT CAMACHO	3 4 5	DUP Time:	Duplicate WIN Code:
Collecting Agency: FDEP			436 Bottom Time: 1140	Bottom WIN Code:
GPS Selected:		GPS Actual:	Weather Conditions:	
Lat: 26.6423375		Lat: 26.64238	Wind dir/spd: N12 (mph) or knots (circle)	
Long: -81.88213034		Long: -81.88216	Wave ht: 0.05 ft (m) (Circle)	
Samplers/FDEP: NR KW MJ WM TB GS JB			Cld cover (%): 10 Hazy Clear Fog Rain	
Sampler Signature: [Signature]			Tide Level: LS LR LF L=Low; M=Mid, H=High	
Water Depth & Secchi:			MR MF HR HS HF S=Slack, R=Rising, F=Falling	
Total Depth/m	Disappearance Depth/m	Reappearance Depth/m	Secchi Average/m	
3.0	0.7	0.6	0.65	
BOTTOM TYPE: seagrass mud sand hard bottom UNK				
PAR Data: (umol/m ² /s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	
Depth (m)	Deck	0.5 m	1.0 m	
Reading:				
Time: 1131	1763.9	198.59	38.310	
Depth (m)	Deck	m	m	
Reading:				
Time: 1132	1769.0	14.594	5.3936	
Depth (m)	Deck	m	m	
Reading:				
Time:				
Additional Comments & Observations:				
Pre/Post PAR readings; (Only on 1st & last sample of trip) Time:				Type
Air: UW Shallow: UW Deep:				FLO
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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 09/21/2022	Site# 442	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 1220	Sonde: PRESIDENT CAMACHO	3 4 5	DUP Time:	Duplicate Storet Code:							
Collecting Agency: FDEP			442B Bottom Time: 1235	Bottom Storet Code:							
GPS Selected:	GPS Actual:		Weather Conditions:								
Lat: 26.65364199	Lat: 26.65347		Wind dir/spd: N/5 mph or knots (circle)								
Long: -81.87212338	Long: -81.87206		Wave ht: 0.00 ft (m) (Circle)								
Samplers/FDEP: NR KW MJ WM JB GS TB			Cld cover (%): 10 Hazy Clear Fog Rain								
Sampler Signature: [Signature]			Tide Level: LS LR LF L=Low; M=Mid, H=High								
			MR MF HR HS HF S=Slack, R=Rising, F=Falling								
Water Depth & Secchi:			Water Data: (0.01)								
Total Depth/m	Disappearance Depth/m	Reappearance Depth/m	Secchi Average/m	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH	
3.0	0.7	0.6	0.65	Time: 1220	0.5	29.2	354.8	0.17	4.11	53.6	7.23
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1221	1	28.9	355.7	0.17	3.81	49.4	7.32
PAR Data: (umol/m²/s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	1222	2	28.6	356.7	0.17	3.61	46.6	7.33
Depth (m)	Deck	0.5 m	1.0 m		3						
Reading:					4						
Time:	1913.4	215.23	85.079		5						
Depth (m)	Deck	1.5m 0.5m NR	2.0m 1.0m NR		6						
Reading:					7						
Time:	1914.9	16.903	5.2023	1235	Bottom Depth 2.5	28.5	357.9	0.17	3.48	45.0	7.30
Depth (m)	Deck	0.5 m	1.0 m	Blank							
Additional Comments & Observations:											
Reading:											
Time:											
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time:				Type	SID		
UW Shallow:		UW Deep:		Air:				FLO			

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site WIN Code:

Date: 09/21/2022	Site# 449	Region: 1 2	Blank Time: 1400	Blank WIN Code:							
Time: 1305	Sonde: PRESIDENT CAMACHO	3 4 5	DUP Time:	Duplicate WIN Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom WIN Code:							
GPS Selected:	GPS Actual:		Weather Conditions:								
Lat: 26.68146323	Lat: 26.68140		Wind dir/spd: N/5			mph or knots (circle)					
Long: -81.84577694	Long: -81.84580		Wave ht: 0.05			ft (m) (Circle)					
Samplers/FDEP: NR KW MJ WM TB GS JB			Cld cover (%): 30			Hazy Clear Fog Rain					
			Tide Level: LS LR LF			L=Low; M=Mid; H=High					
Sampler Signature: [Signature]			MR MF HR HS HF			S=Slack, R=Rising, F=Falling					
Water Depth & Secchi:			Water Data: (0.01)								
Total Depth/m	Disappearance Depth/m	Reappearance Depth/m	Secchi Average/m	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH	
2.0	0.6	0.5	0.55	Time: 1305	0.5	28.5	356.2	0.17	3.70	47.8	7.29
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1307	1	28.2	359.2	0.17	3.49	44.9	7.30
PAR Data: (umol/m²/s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	2							
Depth (m)	Deck	0.5 m	1.0 m	3							
Reading:				4							
Time:	1459.5	149.37	30.886	5							
Depth (m)	Deck	1.0 m	1.5 m	6							
Reading:				7							
Time:	2128.0	60.657	18.973	1309	Bottom Depth 1.5	28.2	359.4	0.17	3.46	44.4	7.30
Depth (m)	Deck	m	m	Blank							
Reading:				Additional Comments & Observations: fast moving clouds, varying cloud cover 0-35%							
Time:											
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time: 1315				Type	SID		
Air: 2311.3				UW Shallow: 3025.1				FLO			
				UW Deep: 2929.8							

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