

LCEL

Lee County Environmental Laboratory
60 S Danley Dr Unit 2
Fort Myers, FL 33907
Phone: (239) 533-8600

Analysis Request

&

Chain of Custody Record

Lab Certification: E45049
LCEL F COC 20150828R1

LCEL does not accept any samples used for evidentiary purposes

Report/Result Information

Billing/Invoice Information

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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

Sample Collector Signature:

Analyses Required

Relinquished By: (signature)	Date	Time	Received By: (signature)	\$Chloro, _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)							
Relinquished By: (signature)	Date	Time	Received By: (signature)							

Sample(s) on ice ☒ Yes or ☐ No? Temperature °C: 1.1

NP NPF S S NP ST

Preservatives (see codes)

Collection Date	Time	Sample Description & Location	Matrix (see codes)	# of Sample Containers Submitted						Lab ID #
08/23/22	12/5	CRNEP_RS #469	SWE	1	1	1	1	2	1	AF32777
08/23/22	11/35	CRNEP_RS #448	SWE	1	1	1	1	2	1	AF32778
08/23/22	09/10	CRNEP_RS #394	SWE	1	1	1	1	2	1	AF32779
08/23/22	09/25	CRNEP_RSBOT #394 Bottom	SWE	1	1	1	1	2	1	AF32780
08/23/22	10/05	CRNEP_RS #424	SWE	1	1	1	1	2	1	AF32781
08/23/22	10/20	CRNEP_RSBOT #424 Bottom	SWE	1	1	1	1	2	1	AF32782
08/23/22	10/55	CRNEP_RS #442	SWE	1	1	1	1	2	1	AF32783
08/23/22	1/330	CRNEP_EQ #	SWE	1	1	1	1	2	1	AF32784

**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 Storet Code:

Date: 08/23/2022	Site# 394	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 0910	Sonde: PRESIDENT CATAMACHO	3 4 5	DUP Time:	Duplicate Storet Code:							
Collecting Agency: FDEP			394 Bottom Time: 0925	Bottom Storet Code:							
GPS Selected:	GPS Actual:		Weather Conditions:								
Lat: 26.5348463	Lat: 26.53497		Wind dir/spd: SE/4 mph or knots (circle)								
Long: -81.95889346	Long: -81.95881		Wave ht: 0.05 ft/m (Circle)								
Samplers/FDEP: NR KW GS JB CC MC CH (MT)			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 (°/oo)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH	
3.5	2.9	2.8	2.85	0.5	31.4	28,146	17.19	5.76	85.7	7.86	
BOTTOM TYPE: seagrass mud sand hard bottom UNK				0911	1	31.7	30,449	18.74	4.99	75.4	7.87
PAR Data: (umol/m ² /s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	0912	2	32.0	35,108	21.93	4.41	68.1	7.85
				0913	3	32.1	35,808	22.41	4.40	68.1	7.86
Depth (m)	Deck	0.5 m	1.0 m		4						
Reading:	1089.9	372.86	382.83		5						
Time: 0917	1860.4 NR				6						
Depth (m)	Deck	1.5m 0.5m NR	2.0m 1.0m NR		7						
Reading:				0925	Bottom Depth: 3.0						
Time: 0918	1081.6	216.46	129.73		Blank 3.0	32.0	35,704	22.33	4.22	65.2	7.85
Depth (m)	Deck	0.5 m	1.0 m	Additional Comments & Observations:							
Reading:											
Time:											
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time: 0915				Type	SID		
UW Shallow: 1875.1 UW Deep: 1769.4				Air: 1860.4				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 NICOLE REISTAD 239-344-5718

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 08/23/2022	Site# 424	Region: 1 2	Blank Time:	Blank Storet Code:
Time: 1005	Sonde: PRESIDENT CAMA-CHO	3 4 5	DUP Time:	Duplicate Storet Code:
Collecting Agency: FDEP	424 Bottom Time: 1020		Bottom Storet Code:	
GPS Selected:	GPS Actual:	Weather Conditions:		
Lat: 26.61363541	Lat: 26.61383	Wind dir/spd: SE/5 mph, or knots (circle)		
Long: -81.89761403	Long: -81.89794	Wave ht: 0.05 ft (m (Circle))		
Samplers/FDEP: (NR) KW GS JB CC MC CH (MS)		Cld cover (%): 5 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	Water Data: (0.01)
3.7	1.8	1.7	1.75	Time: Sample Depth (m) Water Temp. (°C) Conductivity (mS/cm) Salinity (‰) Dissolved Oxygen (mg/l) Dissolved Oxygen (%) pH
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1005 NR 0.5 31.1 16730 9.7 5.51 79.0 7.89 NR
PAR Data: (umol/m²/s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	1007 NR 1.0 31.8 17,279 10.09 5.47 78.5 7.88
Depth (m)	Deck	0.5 m	1.0 m	1010 NR 2.0 32.2 23,699 14.23 4.52 67.0 7.80
Reading:				1013 3.0 32.2 24,586 14.80 4.39 65.4 7.80
Time: 1014	1537.4	613.74	314.27	5
Depth (m)	Deck	1.5m 0.5m	2.0m 1.0m	6
Reading:	1491.1	282.59	144.69	7
Time: 1015		1491.1	282. NR	24,582
Depth (m)	Deck	0.5 m	1.0 m	1020 Bottom Depth 3.2 32.2 25 NR 14.80 4.32 64.3 7.80
Reading:				Blank
Time: 1017				Additional Comments & Observations:
Pre/Post PAR readings; (Only on 1st & last sample of trip)				
Time:				Type
UW Shallow: UW Deep: Air:				SID
				FLO

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 08/23/2022	Site# 442	Region: 1 2	Blank Time:		Blank Storet Code:	
Time: 1055	Sonde: PRESIDENT CAMMACHO 3 4 5		____ DUP Time:		Duplicate Storet Code:	
Collecting Agency: FDEP			____ Bottom Time:		Bottom Storet Code:	
GPS Selected:		GPS Actual:		Weather Conditions:		
Lat: 26.65850743		Lat: 26.65850		Wind dir/spd: SE/5 mph or knots (circle)		
Long: -81.86668355		Long: -81.86662		Wave ht: 0.05 ft m (Circle)		
Samplers/FDEP: NR KW GS JB CC MC CH (NJ)			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)	pH
2.5	1.4	1.3	1.35	0.5	31.1	7.95
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1	31.1	7.95
PAR Data: (umol/m²/s)				2	31.8	7.71
Air Sensor				3		
Shallow In-Water Sensor				4		
Deep In-Water Sensor				5		
Depth (m)	Deck	0.5 m	1.0 m	6		
Reading:				7		
Time: 1100	1920.1	818.62	386.89	Bottom Depth		
Depth (m)	Deck	1.5m 0.5m NR	2.0m 1.0m NR	Blank		
Reading:						
Time: 1101	806.18	94.507	49.608			
Depth (m)	Deck	0.5 m	1.0 m	Additional Comments & Observations:		
Reading:						
Time:						
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time:		Type
UW Shallow:				UW Deep:		FLO
				Air:		SID

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 08/23/2022	Site# 448	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 1135	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: 26.67685471	Lat: 26.67677		Wind dir/spd:	mph or knots (circle)							
Long: -81.85621001	Long: -81.85615		Wave ht: 0.00	ft m (Circle)							
Samplers/FDEP: NR KW GS JB CC MC CH (MJ)			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 (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH	
0.8	0.8	0.8	0.8 "S"	Time: 1135	0.5	31.3	6445	3.48	6.47	89.3	7.96
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	0.3m - 0.5m	0.8m - 1.0m	3							
Reading:				4							
Time: 1139	1864.7	865.58	356.69	5							
Depth (m)	Deck	0.5 m	1.0 m	6							
Reading:				7							
Time:				Bottom Depth							
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:				FLO			
				Air:							

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Site Storet Code:

Date: 08/23/2022	Site# 469	Region: 1 2	Blank Time: 1330	Blank Storet Code:							
Time: 1215	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: 26.72282518		Lat: 26.72281		Wind dir/spd: SE/2 mph or knots (circle)							
Long: -81.7520412		Long: -81.75221		Wave ht: 0.00 ft (m) (Circle)							
Samplers/FDEP: NR KW GS JB CC MC CH (MJ)		Cld cover (%): 50		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	Time:	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
2.5	0.8	0.7	0.75	1215	0.5	31.6	925	0.45	6.31	86.4	7.96
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1217	1	31.0	941	0.46	4.59	62.0	7.84
PAR Data: (umol/m²/s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	1218	2	30.4	874	0.42	2.69	36.0	7.57
Depth (m)	Deck	0.5 m	1.0 m		3						
Reading:					4						
Time: 1220	2254.9	683.46	220.11		5						
Depth (m)	Deck	1.5m 0.5m NR	2.0m 1.0m NR		6						
Reading:					7						
Time: 1221	2206.5	65.293	19.529		Bottom Depth						
Depth (m)	Deck	0.5 m	1.0 m		Blank						
Additional Comments & Observations: fast moving clouds, varying cloud cover											
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time:				Type	SID		
UW Shallow: 2970.0 UW Deep: 2772.5 Air: 2403.9								FLO			

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