

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: Tidal Caloosa	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
Distrib List: FDEP - South	RE: CCHMN-Tidal Caloosa		
Address: 2295 Victoria Ave, Suite 364 PO Box 2549	Address: 1500 Monroe St		
Ft Myers FL 33901	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 01/04/23	Time 1406	Received By: (signature) 						
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: 1.2°C				Preservatives (see codes)					

Collection		Sample Description & Location	Matrix (see codes)	# of Sample Containers Submitted						Lab ID #
Date	Time			NP	NPF	S	S	NP	ST	
01/04/23	0855	CRNEP_RS #412	SWE	1	1	1	1	2	1	AF46868
		CRNEP_RSBOT #412 Bottom NOT SAMPLED	SWE	1	1	1	1	2	1	AF46869
01/04/23	1015	CRNEP_RS #449	SWE	1	1	1	1	2	1	AF46870
01/04/23	1045	CRNEP_RS #450	SWE	1	1	1	1	2	1	AF46871
01/04/23	0930	CRNEP_RS #435	SWE	1	1	1	1	2	1	AF46872
01/04/23	1115	CRNEP_RS #454	SWE	1	1	1	1	2	1	AF46873
01/04/23	1125	CRNEP_RSBOT #454 Bottom	SWE	1	1	1	1	2	1	AF46874
01/04/23	1235	CRNEP_EQ #454	SWE	1	1	1	1	2	1	AF46875

**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: 01/04/2023	Site# 412	Region: 1 2	Blank Time:	Blank Storet Code:
Time: 0855	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: 26.56963185	Lat: 26.56957	Wind dir/spd: SE/7 mph or knots (circle)		
Long: -81.93113508	Long: -81.93127	Wave ht: 0.1 ft m (Circle)		
Samplers/FDEP: NR KW MJ WM JB GS TB		Cld cover (%): 40 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)
1.1	0.9	0.8	0.85	Time: 0855
BOTTOM TYPE: seagrass mud sand hard bottom UNK				Sample Depth (m)
PAR Data: (umol/m ² /s)				Water Temp. (°C)
Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	Conductivity (mS/cm)	Salinity (‰)
Depth (m)	Deck	0.5 m	1.0 m	Dissolved Oxygen (mg/l)
Reading:				Dissolved Oxygen (%)
Time: 0901	777.06	152.03	48.243	pH
Depth (m)	Deck	0.5 m	1.0 m	
Reading:				
Time:				
Depth (m)	Deck	0.5 m	1.0 m	
Reading:				
Time:				
Additional Comments & Observations:				
Pre/Post PAR readings; (Only on 1st & last sample of trip)				
UW Shallow: 1114.4			UW Deep: 1079.1	Time: 0859
Air: 1395.7			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 CALOOSA HATCHEE DATA SHEET

Site WIN Code:

Date: 01/04/2023	Site# 435	Region: 1 2	Blank Time:		Blank WIN Code:	
Time: 0930	Sonde: PRESIDENT 3 4 5		DUP Time:		Duplicate WIN Code:	
Collecting Agency: FDEP			Bottom Time:		Bottom WIN Code:	
GPS Selected:	GPS Actual:		Weather Conditions:			
Lat: 26.63786897	Lat: 26.63808		Wind dir/spd: SE/7 mph or knots (circle)			
Long: -81.89012962	Long: -81.89015		Wave ht: 0.1 ft m (Circle)			
Samplers/FDEP: NR KW MJ WM TB GS JB			Cld cover (%): 40 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	Water Data: (0.01)			
2.7	1.0	1.0	Secchi Average/m	Sample Depth (m)	Water Temp. (°C)	pH
			1.0	0.5	22.1	7.87
BOTTOM TYPE: seagrass mud sand hard bottom UNK			1			
PAR Data: (umol/m²/s)			2			
Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	3			
Depth (m)	Deck	0.5 m	4			
Reading:			5			
Time: 0935	907.70	151.19	6			
Depth (m)	Deck	1.7 m	7			
Reading:			0932	Bottom Depth 2.2	20.0	7.75
Time: 0936	898.94	9.0484	Blank			
Depth (m)	Deck	m	Additional Comments & Observations:			
Reading:						
Time:						
Pre/Post PAR readings; (Only on 1st & last sample of trip)			Time:		Type	SID
Air:	UW Shallow:	UW Deep:			FLO	

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 01/04/2023	Site# 449	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 1015	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: 26.67181549		Lat: 26.67211		Wind dir/spd: SE/7 mph or knots (circle)							
Long: -81.83841377		Long: -81.83846		Wave ht: 0.1 ft m (Circle)							
Samplers/FDEP: NR KW MJ WM JB GS TB				Cld cover (%): 50 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)							
1.7	0.9	0.8	0.85	Time:	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (°/oo)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
				1015	0.5	23.0	5567	3.01	7.68	91.1	7.76
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: 1019		433.77	65.591	20.679		5					
Depth (m)		Deck	0.5 m	1.0 m		6					
Reading:					1017	Bottom Depth 1.2	22.0	8277	4.61	7.18	84.0
Time:						Blank					
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	SID	
UW Shallow:				UW Deep:	Air:					FLO	

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site WIN Code:

Date: 01/04/2023	Site# 450	Region: 1 2	Blank Time:	Blank WIN Code:							
Time: 1045	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: 26.6787704		Lat: 26.67892		Wind dir/spd: SE 18 mph or knots (circle)							
Long: -81.83062188		Long: -81.83054		Wave ht: 0.1 ft m (Circle)							
Samplers/FDEP: NR KW MJ WM TB GS JB				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
1.8	0.9	0.8	0.85	1045	0.5	23.1	3427	1.80	7.19	84.9	7.54
BOTTOM TYPE: seagrass mud sand hard bottom UNK					1						
PAR Data: (umol/m²/s)					2						
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: 1050	383.96	42.662	10.181								
Depth (m)	Deck	m	m	1048	Bottom Depth 1.3	20.9	9860	5.57	5.19	60.0	7.55
Reading:					Blank						
Time:				Additional Comments & Observations:							
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time:				Type	SID		
Air: UW Shallow: UW Deep:								FLO			

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 01/04/23	Site# 454	Region: 1 2	Blank Time: 1235	Blank Storet Code:							
Time: 1115	Sonde: PRESIDENT CAMACHO	3 4 5	DUP Time:	Duplicate Storet Code:							
Collecting Agency: FDEP			4548 Bottom Time: 1125	Bottom Storet Code:							
GPS Selected:		GPS Actual:		Weather Conditions:							
Lat: 26.69127717		Lat: 26.69144		Wind dir/spd: SE/10 mph or knots (circle)							
Long: -81.82182889		Long: -81.82189		Wave ht: 0.2 ft m (Circle)							
Samplers/FDEP: NR KW MJ WM JB GS TB			Cld cover (%): 80 60		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	
3.1	0.8	0.7	0.75	Time: 1115	0.5	23.5	1143	0.57	7.13	84.2	7.43
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1116	1	23.0	1290	0.64	6.82	79.7	7.58
PAR Data: (umol/m²/s)				1117	2	22.2	1398	0.70	6.88	78.3	7.58
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: 1119	1751.6	200.09	48.816								
Depth (m)	Deck	1.5 0.5 m	2.0 1.0 m	1125							
Reading:				1125	Bottom Depth	2.6	21.2	2459	1.27	6.73	76.4
Time: 1120	1807.7	15.436	4.8791		Blank						
Depth (m)	Deck	0.5 m	1.0 m	Additional Comments & Observations: fast moving clouds, larger cloud formations							
Reading:				*LICOR cable not long enough to take 3rd read							
Time:											
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time: 1123				Type	SID		
UW Shallow: 2733.3 UW Deep: 2651.6				Air: 2415.4				FLO			

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