

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

LCEL does not accept any samples used for evidentiary purposes

Lab Certification: E45049
LCEL F COC 20150828R1

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Report/Result Information

Billing/Invoice Information

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 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, Bod, Bodi	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: 0.6°C				NP	NPF	S	S	NP	ST

Collection Date	Time	Sample Description & Location	Matrix (see codes)	# of Sample Containers Submitted						Lab ID #
08/02/23	1010	CRNEP_RS #449	SWE	1	1	1	1	2	1	AF65400
08/02/23	1110	CRNEP_RS #428	SWE	1	1	1	1	2	1	AF65401
08/02/23	0925	CRNEP_RS #387	SWE	1	1	1	1	2	1	AF65402
08/02/23	1010	CRNEP_RS #404	SWE	1	1	1	1	2	1	AF65403
		CRNEP_RSBOT #404 Bottom DID NOT SAMPLE	SWE	1	1	1	1	2	1	AF65404
08/02/23	1045	CRNEP_RS #418	SWE	1	1	1	1	2	1	AF65405
08/02/23	1255	RNEP_EQ # C-449	SWE	1	1	1	1	2	1	AF65406

**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: 08/02/2023	Site# 887	Region: 1 2	Blank Time:	Blank WIN Code:
Time: 0925	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: 26.52715178	Lat: 26.52711	Wind dir/spd: 3/N mph or knots (circle)		
Long: -81.97599874	Long: -81.97631	Wave ht: 0.05 ft (m) (Circle)		
Samplers/FDEP: NR 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	Water Data: (0.01)
2.4	1.2	1.1	1.15	Time: 0925
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)
Depth (m)	Deck	0.5 m	1.0 m	Salinity (‰)
Reading:				Dissolved Oxygen (mg/l)
Time: 0930	1389.5	242.65	115.96	Dissolved Oxygen (%)
Depth (m)	Deck	1.4 m	1.9 m	pH
Reading:				
Time: 0932	1372.4	46.665	30.949	
Depth (m)	Deck	m	m	
Reading:				
Time:				
Additional Comments & Observations: Blue-green algae present in water column and on the surface				
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Type
Air: 1662.4 UW Shallow: 2149.1 UW Deep: 2010.1				FLO
SID				

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: 08/02/2023	Site# 404	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 1010	Sonde: President Canacho	3 4 5	DUP Time:	Duplicate Storet Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:							
GPS Selected:		GPS Actual:		Weather Conditions:							
Lat: 26.56500241		Lat: 26.56490		Wind dir/spd: N 1.3 mph or knots (circle)							
Long: -81.92991296		Long: -81.92990		Wave ht: 0.05 ft/m (Circle)							
Samplers/FDEP: NR 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	Time:	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
2.8	0.9	0.8	0.85	1010	0.5	30.9	6779	3.68	4.79	65.6	7.75
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1012 NR 1 1 30.9 6747 3.66 4.74 64.9 7.74							
PAR Data: (umol/m ² /s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	1013	NR 2 2 1	30.7	7295	3.98	4.64	63.6	7.72
Depth (m)	Deck	0.5 m	1.0 m	1014	NR 2 2	30.7	7919	4.35	4.55	62.5	7.71
Reading:					4						
Time: 1017	1519.7	321.65	96.446		5						
Depth (m)	Deck	m	m		6						
Reading:					7						
Time: 1018	1498.1	14.583	7.4029	1015	Bottom Depth 2.3	30.7	8190	4.50	4.44	60.9	7.67
Depth (m)	Deck	m	m		Blank						
Reading:				Additional Comments & Observations: Blue-green algae present in the water column							
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: 08/02/2023	Site# 418	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: 26.59517533		Lat: 26.59509		Wind dir/spd: 0 mph or knots (circle)							
Long: -81.91299358		Long: -81.91293		Wave ht: 0.0 ft m (Circle)							
Samplers/FDEP: NR MJ WM TB GS JB			Cld cover (%): 25 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	
1.5	0.9	0.8	0.85	Time: 1045	0.5	30.6	4616	2.44	4.85	65.8	7.74
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	1600.2	369.15	99.611	1047	Bottom Depth 1.0	30.5	4903	2.60	4.68	63.4	7.74
Depth (m)	Deck	m	m	Blank							
Reading:				Additional Comments & Observations:							
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: 08/02/2023	Site# 428	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 1110	Sonde: President Canacho	3 4 5	DUP Time:	Duplicate Storet Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:							
GPS Selected:	GPS Actual:		Weather Conditions:								
Lat: 26.62384733	Lat: 26.62405		Wind dir/spd: 0	mph or knots (circle)							
Long: -81.90452982	Long: -81.90456		Wave ht: 0.0	ft m (Circle)							
Samplers/FDEP: NR MJ WM TB GS JB			Cld cover (%):	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	
2.2	0.7	0.4	0.65	Time: 1110	0.5	31.0	1299	0.64	5.50	74.2	7.88
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1112	1	30.6	2260	1.15	5.28	71.0	7.81
PAR Data: (umol/m ² /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: 1115	1747.0	276.74	91.298	5							
Depth (m)	Deck	1.2 m	1.7 m	6							
Reading:				7							
Time: 1117	1755.9	53.687	14.109	1113	Bottom Depth 1.7	30.4	3278	1.70	4.44	59.7	7.70
Depth (m)	Deck	m	m	Blank							
Reading:				Additional Comments & Observations: Blue-green algae present in the water column							
Time:											
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time:				Type	SID		
UW Shallow:				UW Deep:				FLO			

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site WIN Code:

Date: 08/02/2023	Site# 449	Region: 1 2	Blank Time: 1255	Blank WIN Code:								
Time: 1155	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: 26.68228592		Lat: 26.68242		Wind dir/spd: N/3 mph or knots (circle)								
Long: -81.84279788		Long: -81.84283		Wave ht: 0.0 ft (m) (Circle)								
Samplers/FDEP: NR MJ WM TB GS JB			Cld cover (%): 60		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		
1.6	0.9	0.8	0.85	0.5	31.5	558	0.27	4.03	54.8	7.66		
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: 1159	2025.9	451.46	153.88	1157	Bottom Depth 1.1	31.2	557	0.27	3.85	52.0	7.63	
Depth (m)	Deck	m	m	Blank								
Reading:				Additional Comments & Observations:								
Time: 1201												
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time: 1201				Type	SID			
Air: 2249.6 UW Shallow: 2853.6 UW Deep: 2805.6								FLO				

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