

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

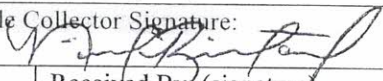
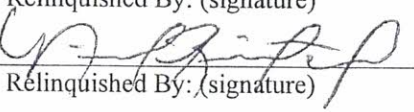
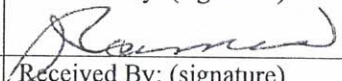
Lab Certification: E45049
LCEL F COC 20150828R1

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 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 06/07/23		Time 13:18		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: 4.6				\$Chloroa, _prep		O-PO4, Color, NOX		TOC		NH3, TKN, TN, T-PO4, NO3, ONIT		Turb, NO2, TSS, Bod, Bodi		Enteroto	
				NP		NPF		S		S		NP		ST	
Collection Date Time		Sample Description & Location		Matrix (see codes)		# of Sample Containers Submitted						Lab ID #			
06/07/23 1105		CRNEP_RS #449		SWE		1 1 1 1 2 1						AF61016			
06/07/23 0940		CRNEP_RS #418		SWE		1 1 1 1 2 1						AF61017			
06/07/23 0855		CRNEP_RS #387		SWE		1 1 1 1 2 1						AF61018			
06/07/23 1005		CRNEP_RS #429		SWE		1 1 1 1 2 1						AF61019			
06/07/23 1040		CRNEP_RS #443		SWE		1 1 1 1 2 1						AF61020			
06/07/23 1155		CRNEP_EQ # 449				1 1 1 1 2 1						AF61021			

**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: 06/07/2023	Site# 387	Region: 1 2	Blank Time:	Blank WIN Code:							
Time: 0855	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: 26.51928545	Lat: 26.51947		Wind dir/spd: SW 15 mph or knots (circle)								
Long: -81.981503	Long: -81.98167		Wave ht: 0.05 ft m (Circle)								
Samplers/FDEP: NR MJ WM TB GS JB			Cld cover (%): 15 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)							
1.5	1.5	1.5	1.5 "S"	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				Time: 0855	0.5	28.1	35802	21.95	5.59	80.0	8.01
PAR Data: (umol/m²/s)				0857	21	28.1	36,184	22.77	5.52	80.2	8.06
Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor		3							
Depth (m)	Deck	0.5 m	1.0 m	4							
Reading:				5							
Time: 0902	1165.2	696.86	349.79	6							
Depth (m)	Deck	m	m	7							
Reading:				Bottom Depth							
Time:				Blank							
Depth (m)	Deck	m	m	Additional Comments & Observations:							
Reading:											
Time:											
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time: 0859				Type	SID		
Air: 1760.8	UW Shallow: 1727.4	UW Deep: 1783.9						FLO			

Lee Co Environmental Lab: Keith Kibbey or Mishel Mullan (239) 533-8600

FWC: Sarah Erickson or Tony Yard (941) 613-0945

FDEP: Nicole Reistad (239) 344-5718

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site WIN Code:

Date: 06/07/2023	Site# 418	Region: 1 2	Blank Time:	Blank WIN Code:
Time: 0940	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: 26.59033879	Lat: 26.59039	Wind dir/spd: SW/5 mph or knots (circle)		
Long: -81.91494771	Long: -81.91492	Wave ht: 0.05 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	
1.8	1.2	1.1	1.15	
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: 0945	1461.8	508.46	248.75	
Depth (m)	Deck	m	m	
Reading:				
Time:				
Depth (m)	Deck	m	m	
Reading:				
Time:				
Additional Comments & Observations:				
Pre/Post PAR readings; (Only on 1st & last sample of trip)				
Air:	UW Shallow:	UW Deep:		
Type				SID
FLO				

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site WIN Code:

Date: 06/07/2023	Site# 429	Region: 1 2	Blank Time:	Blank WIN Code:						
Time: 1005	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: 26.62434356		Lat: 26.62440		Wind dir/spd: SW/5 mph or knots (circle)						
Long: -81.88756685		Long: -81.88752		Wave ht: 0.05 ft (m) (Circle)						
Samplers/FDEP: NR 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	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
1.2	0.9	0.8	0.85	0.5	27.6	8343	4.62	6.85	89.0	7.67
BOTTOM TYPE: seagrass mud sand hard bottom UNK										
PAR Data: (umol/m²/s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor							
Depth (m)	Deck	0.5 m	1.0 m							
Reading:										
Time: 1008	674.08	184.21	83.382							
Depth (m)	Deck	m	m							
Reading:										
Time:										
Depth (m)	Deck	m	m							
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 WIN Code:

Date: 06/07/2023	Site# 443	Region: 1 2	Blank Time:	Blank WIN Code:							
Time: 1040	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: 26.65834918	Lat: 26.65823	Wind dir/spd: SW/7 mph or knots (circle)									
Long: -81.86297787	Long: -81.86288	Wave ht: 0.10 ft/m (Circle)									
Samplers/FDEP: NR MJ WM TB GS JB		Cld cover (%): 65 75 Hazy Clear Fog Rain									
Sampler Signature: [Signature]		Tide Level: LS NR 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)							
2.5	0.7	0.6	NR 0.75 0.65	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (°/oo)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH	
BOTTOM TYPE: seagrass mud sand hard bottom UNK				Time: 1040	0.5	27.9	2938	1.51	7.77	99.9	8.09
PAR Data: (umol/m²/s)				1041	1	28.0	4061	2.14	6.98	90.0	8.10
Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor		1042	2	28.0	5636	3.03	6.54	85.1	8.04
Depth (m)	Deck	0.5 m	1.0 m		3						
Reading:					4						
Time: 1045	370.98	19.074	17.758		5						
Depth (m)	Deck	1.5 m	2.0 m		6						
Reading:					7						
Time: 1046	380.90	6.0797	1.7806		Bottom Depth						
Depth (m)	Deck	m	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 WIN Code:

Date: 06/07/2023	Site# 449	Region: 1 2	Blank Time:	Blank WIN Code:							
Time: 1105	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: 26.68122933		Lat: 26.68139		Wind dir/spd: SW/5 mph or knots (circle)							
Long: -81.848347		Long: -81.84841		Wave ht: 0.10 ft m (Circle)							
Samplers/FDEP: NR MJ WM TB GS JB				Cld cover (%): 75 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
1.9	0.8	0.7	0.75	1105	0.5	28.8	745	0.36	6.15	79.8	7.62
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1106	1	28.4	748	0.36	5.43	70.0	7.73
PAR Data: (umol/m²/s)				1107	2 1.4	28.3	749	0.36	5.08	65.4	7.75
Depth (m)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor		3						
Reading:	Deck	0.5 m	1.0 m		4						
Time: 1110	1968.7	492.40	188.44		5						
Depth (m)	Deck	m	m		6						
Reading:					7						
Time:					Bottom Depth						
Depth (m)	Deck	m	m		Blank						
				Additional Comments & Observations: full sun during LI-COR reads							
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time: 1112				Type	SID		
Air: 2006.1 UW Shallow: 2617.5 UW Deep: 2657.7								FLO			

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