

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

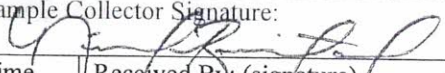
LCEL does not accept any samples used for evidentiary purposes

Lab Certification: E45049
LCEL F COC 20150828R1

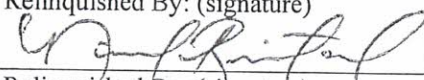
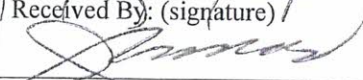
Report/Result Information

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 05/03/23	Time 13:39	Received By: (signature) 	\$Chloro, _prep	O-PO4, Color, NOX	TOC	NH3, TKN, TN, T-PO4, NO3, ONIT	Turb, NO2, TSS, Bod, Bodi	Enter	Preservatives (see codes)						
Relinquished By: (signature)	Date	Time	Received By: (signature)								NP	NPF	S	S	NP	ST
Relinquished By: (signature)	Date	Time	Received By: (signature)													
Sample(s) on ice ☒ Yes or ☐ No? Temperature °C: 4.6																

Collection		Sample Description & Location	Matrix (see codes)	# of Sample Containers Submitted						Lab ID #
Date	Time			NP	NPF	S	S	NP	ST	
05/03/23	1120	CRNEP_RS #463	SWE	1	1	1	1	2	1	AF57657
05/03/23	0900	CRNEP_RS #394	SWE	1	1	1	1	2	1	AF57658
05/03/23	0910	CRNEP_RS #394 Bottom	SWE	1	1	1	1	2	1	AF57659
05/03/23	1015	CRNEP_RS #435	SWE	1	1	1	1	2	1	AF57660
		CRNEP_RS #435 Bottom DID NOT SAMPLE	SWE	1	1	1	1	2	1	AF57661
05/03/23	0955	CRNEP_RS #423	SWE	1	1	1	1	2	1	AF57662
		CRNEP_RS #423 Bottom DID NOT SAMPLE	SWE	1	1	1	1	2	1	AF57663
05/03/23	1045	CRNEP_RS #448	SWE	1	1	1	1	2	1	AF57664
05/03/23	1215	CRNEP_EQ #463		1	1	1	1	2	1	AF57665

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: 05/03/2023	Site# 394	Region: 1 2	Blank Time:	Blank WIN Code:
Time: 0900	Sonde: PRESIDENT Camacho	3 4 5	DUP Time:	Duplicate WIN Code:
Collecting Agency: FDEP	394		Bottom Time: 0910	Bottom WIN Code:
GPS Selected:	GPS Actual:	Weather Conditions:		
Lat: 26.53456292	Lat: 26.53436	Wind dir/spd: NW / 5 mph or knots (circle)		
Long: -81.95357311	Long: -81.95353	Wave ht: 0.1 ft (m) (Circle)		
Samplers/FDEP: NR MJ WM TB GS JB		Cld cover (%): 60 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)
3.4	2.7	2.6	2.65	Time: 0900
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:	NO			Dissolved Oxygen (mg/l)
Time:				Dissolved Oxygen (%)
Depth (m)	Deck	m	m	pH
Reading:				
Time:				
Depth (m)	Deck	m	m	
Reading:				
Time:				
Depth (m)	Deck	m	m	
Reading:				
Time:				
Additional Comments & Observations: LI-COR sensors are being serviced, so no PAR data this sampling trip.				
Pre/Post PAR readings: (Only on 1st & last sample of trip)				Time:
Air:	UW Shallow:	UW Deep:		
				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: Nicole Reistad (239) 344-5718

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CCHMN TIDAL CALOOSA HATCHEE DATA SHEET

Site WIN Code:

Date: 05/03/2023	Site# 423	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: 26.60581807		Lat: 26.60584		Wind dir/spd: NW/10 mph or knots (circle)							
Long: -81.90310306		Long: -81.90306		Wave ht: 0.15 ft (m) (Circle)							
Samplers/FDEP: NR MJ WM TB GS JB				Cld cover (%): 65 Hazy (circle) Clear (circle) 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)							
2.0	1.1	1.0	1.05	Time:	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
				0955	0.5	25.9	894		7.90	100.0	7.89 NR
BOTTOM TYPE: seagrass mud sand hard bottom UNK				0955	1.05	26.0	8649	4.81	7.86	99.5	8.15
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:	NO										
Time:											
Depth (m)	Deck	m	m								
Reading:		PAR		0958	Bottom Depth 1.5	26.3	10,948	6.19	6.84	87.8	7.98
Time:					Blank						
Depth (m)	Deck	m	m	Additional Comments & Observations:							
Reading:			DATA								
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 CALOOSA HATCHEE DATA SHEET

Site WIN Code:

Date: 05/03/2023	Site# 435	Region: 1 2	Blank Time:	Blank WIN Code:						
Time: 1015	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: 26.63576783	Lat: 26.63581		Wind dir/spd: NW / 10 mph or knots (circle)							
Long: -81.89584297	Long: -81.89554		Wave ht: 0.1 ft (m (Circle))							
Samplers/FDEP: NR MJ WM TB GS JB			Cld cover (%): 80 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
2.5	0.9	0.8	0.85	0.5	26.7	6434	3.50	7.47	95.1	7.79
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	1.0 m	4						
Reading:	NO	/	/	5						
Time:				6						
Depth (m)	Deck	m	m	7						
Reading:	/	PAR	/	1018	Bottom Depth 2.0	26.9	11,488	6.52	5.42	70.6
Time:					Blank					
Depth (m)	Deck	m	m	Additional Comments & Observations:						
Reading:	/	/	DATA							
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 CALOOSA HATCHEE DATA SHEET

Site WIN Code:

Date: 05/03/2023	Site# 448	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: 26.6703172		Lat: 26.67026		Wind dir/spd: NW / 5-10 mph or knots (circle)							
Long: -81.85925088		Long: -81.85928		Wave ht: 0.1 ft (m) (Circle)							
Samplers/FDEP: NR MJ WM TB GS JB				Cld cover (%): 65 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 (°/oo)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
1.8	1.2	1.1	1.15	1045	0.5	26.9	1041	0.51	7.57	95.1	NR 7.29
BOTTOM TYPE: seagrass mud sand hard bottom UNK					1						8.02
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:	NO	/	/		4						
Time:					5						
Depth (m)	Deck	m	m		6						
Reading:	/	PAR	/	1047	7						
Time:					Bottom Depth	1.3	26.7	1889	0.96	7.2	89.3 8.04
Depth (m)	Deck	m	m		Blank						
Reading:	/	/	DATA	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 CALOOSA HATCHEE DATA SHEET

Site WIN Code:

Date: 05/03/2023	Site# 463	Region: 1 2	Blank Time: 1215	Blank WIN Code:						
Time: 1120	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: 26.70592875		Lat: 26.70599		Wind dir/spd: NW 3 mph or knots (circle)						
Long: -81.78269306		Long: -81.78262		Wave ht: 0.0 ft (m)(Circle)						
Samplers/FDEP: NR (M) WM TB GS JB				Cld cover (%): 100 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
1.6	0.8	0.7	0.75	0.5	27.6	540	0.26	6.95	88.4	7.80
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	1.0 m	4						
Reading:	NO	/	/	5						
Time:				6						
Depth (m)	Deck	m	m	7						
Reading:	/	PAR	/	1122 Bottom Depth 1.1	27.6	540	0.26	6.66	84.6	7.83
Time:				Blank						
Depth (m)	Deck	m	m	Additional Comments & Observations:						
Reading:	/	/	DATA							
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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