

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 10/04/23	Time 1440	Received By: (signature) 	\$Chloroa, _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: 4.7°C	NP	NPF	S	S	NP	ST
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Collection		Sample Description & Location	Matrix (see codes)	# of Sample Containers Submitted						Lab ID #
Date	Time									
10/04/23	1050	CRNEP_RS #412	SWE	1	1	1	1	2	1	AF71088
10/04/23	1105	CRNEP_RSBOT #412 Bottom	SWE	1	1	1	1	2	1	AF71089
10/04/23	1130	CRNEP_RS #424	SWE	1	1	1	1	2	1	AF71090
10/04/23	0945	CRNEP_RS #394	SWE	1	1	1	1	2	1	AF71091
10/04/23	1220	CRNEP_RS #454	SWE	1	1	1	1	2	1	AF71092
10/04/23	1025	CRNEP_RS #395	SWE	1	1	1	1	2	1	AF71093
		CRNEP_RSBOT #395 Bottom DID NOT SAMPLE	SWE	1	1	1	1	2	1	AF71094
10/04/23	1410	CRNEP_EQ # 454	SWE	1	1	1	1	2	1	AF71095

**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

Site WIN Code:

Date: 10/04/2023		Site# 394		Region: 1 2		Blank Time:		Blank WIN Code:																	
Time: 0945		Sonde: President 3 4 5		Camacho		DUP Time:		Duplicate WIN Code:																	
Collecting Agency: FDEP						Bottom Time:		Bottom WIN Code:																	
GPS Selected:		GPS Actual:		Weather Conditions:																					
Lat: 26.54124262		Lat: 26.54108		Wind dir/spd: NE/5-10 mph or knots (circle)																					
Long: -81.95345159		Long: -81.95343		Wave ht: 0.05 ft m (Circle)																					
Samplers/FDEP: NR MJ WM TB GS JB SG						Cld cover (%): 0		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)															
1.9				0.8		0.7		0.75		Time: 0945		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		1		2		3		4		5		6		7		Bottom Depth 1.4	
PAR Data: (umol/m²/s)				Air Sensor		Shallow In-Water Sensor		Deep In-Water Sensor		27.6		18,104		14.09		10.66		6.04		80.4		7.78			
Depth (m)				Deck		0.5 m		1.0 m		5		6		7		Bottom Depth 1.4		27.7		23,378		14.09		5.54	
Reading:										7		Bottom Depth 1.4		27.7		23,378		14.09		5.54		76.1		7.75	
Time:										Blank															
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					
Lee Co Environmental Lab: Keith Kibbey or Mishel Mullan (239) 533-8600																									

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 CALOOSAHATCHEE DATA SHEET

Site WIN Code:

Date: 10/04/2023	Site# 395	Region: 1 2	Blank Time:	Blank WIN Code:
Time: 1045 1025	Sonde: President 3 4 5		DUP Time:	Duplicate WIN Code:
Collecting Agency: FDEP	Comacho		Bottom Time:	Bottom WIN Code:
GPS Selected:	GPS Actual:	Weather Conditions:		
Lat: 26.54955425	Lat: 26.54934	Wind dir/spd: NE/10 mph or knots (circle)		
Long: -81.93982714	Long: -81.93983	Wave ht: 0.1 ft (m) (Circle)		
Samplers/FDEP: NR MJ WM TB GS JB SG		Cld cover (%): 5 Hazy Clear Fog Rain		
Sampler Signature: U. J. R. P. P.		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	
2.3	0.7	0.6	0.65	
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:				
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:
Air: UW Shallow: UW Deep:				
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				

Time:

1025

1027

1029

Blank

Additional Comments & Observations:

Time:

Type

SID

FLO

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Date: 10/04/2023				Site# 412		Region: 1 2		Blank Time:				Site WIN Code:					
Time: 1050				Sonde: President 3 4 5				Blank WIN Code:									
Collecting Agency: FDEP				Comacho		412		DUP Time:				Duplicate WIN Code:					
GPS Selected:				GPS Actual:		Bottom Time: 1105		Bottom WIN Code:									
Lat: 26.57654859				Lat: 26.57635		Weather Conditions:											
Long: -81.91888416				Long: -81.91895		Wind dir/spd: NE/10		mph or knots (circle)									
						Wave ht: 0.1		ft m (Circle)									
Samplers/FDEP: NR MJ WM TB GS JB (SG)						Cld cover (%): 25		Hazy				Clear					
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 (‰)	pH	Dissolved Oxygen (mg/L)	Dissolved Oxygen (%)	NR pH Dissolved Oxygen (mg/L)			
3.7	0.6	0.5	0.55			1050	0.5	27.4	803	0.39	8.17	92.0	7.27				
BOTTOM TYPE: seagrass mud sand hard bottom UNK						1051	1	27.3	847	0.41	8.14	91.3	7.22				
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:																	
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)				Time:													
Air: UW Shallow: UW Deep:																	
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: 10/04/2023	Site# 424	Region: 1 2	Blank Time:	Blank WIN Code:						
Time: 1130	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: 26.60349098		Lat: 26.603316		Wind dir/spd: NE/5-10 mph or knots (circle)						
Long: -81.89476174		Long: -81.89491		Wave ht: 0.1 ft m (Circle)						
Samplers/FDEP: NR MJ WM TB GS JB SG			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
1.1	0.7	0.6	0.65	0.5	27.5	567	0.27	6.61	83.9	8.12
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1						
PAR Data: (umol/m ² /s)				2						
Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor		3						
Depth (m)	Deck	0.5 m	1.0 m	4						
Reading:				5						
Time:				6						
Depth (m)	Deck	m	m	7						
Reading:				Bottom Depth						
Time:				Blank						
Depth (m)				Additional Comments & Observations:						
Reading:										
Time:										
Pre/Post PAR readings; (Only on 1st & last sample of trip)					Time:					
Air: UW Shallow: UW Deep:					Type					
					FLO					
					SID					

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 CALOOSAHATCHEE DATA SHEET

Site WIN Code:

Date: 10/04/2023	Site# 454	Region: 1 2	Blank Time: 1410	Blank WIN Code:						
Time: 1220	Sonde: President	3 4 5	DUP Time:	Duplicate WIN Code:						
Collecting Agency: FDEP	Camacho		Bottom Time: 1410	Bottom WIN Code:						
GPS Selected:	GPS Actual:	Weather Conditions:								
Lat: 26.68460186	Lat: 26.68454	Wind dir/spd: NE/S-10 mph or knots (circle)								
Long: -81.82551098	Long: -81.82552	Wave ht: 0.05 ft m (Circle)								
Samplers/FDEP: NR MJ WM TB GS JB SG		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	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (°/oo)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
1.5	0.6	0.5	0.55	0.5	28.7	313.7	0.15	4.49	58.2	7.57
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:				5						
Time:				6						
Depth (m)	Deck	m	m	7						
Reading:				Bottom Depth						
Time:				Blank						
Depth (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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