

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: FDEP - South	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
ATTN: Kirby Wolfe	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 Reistadt/Monica Jaeger		Sample Collector Signature:		Analyses Required					
Relinquished By: (signature)	Date	Time	Received By: (signature)	\$Chloroa, _prep	O-PO4, Color, NOX	TOC	NH3, TKN, TN, T-PO4, NO3, ONIT	Turb, NO2, TSS, Silica, Bod, Bodi	Mug2QT, 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: 0.8

Collection		Sample Description & Location	Matrix (see codes)	Preservatives (see codes)						Lab ID #
Date	Time			NP	NPF	S	S	NP	ST	
10/20/21	1220	CRNEP_RS #448	SWE	1	1	1	1	2	1	AF03080
10/20/21	1035	CRNEP_RS #394	SWE	1	1	1	1	2	1	AF03081
10/20/21	0925	CRNEP_RS #387	SWE	1	1	1	1	2	1	AF03082
10/20/21		CRNEP_RSBOT #387 Bottom DID NOT SAMPLE	SWE	1	1	1	1	2	1	AF03083
10/20/21	1005	CRNEP_RS #393	SWE	1	1	1	1	2	1	AF03084
10/20/21	1125	CRNEP_RS #417	SWE	1	1	1	1	2	1	AF03085
10/20/21	1325	CRNEP_EQ #	SWE	1	1	1	1	2	1	AF03086

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: 10/20/2021	Site# CAL387	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 0925	Sonde: FRIDAY	3 4 5	DUP Time:	Duplicate Storet Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:							
GPS Selected:		GPS Actual:		Weather Conditions:							
Lat: 26.52469926		Lat: 26.5247911		Wind dir/spd: E/7 mph or knots (circle)							
Long: -81.97695135		Long: -81.976800		Wave ht: 0.2 ft (m (Circle))							
Samplers/FDEP: NR KW MJ WM JB GS TB			Cld cover (%): 5 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
2.7	0.8	0.8	0.8	0925	0.5	25.6	19,952	11.88	85.8 NR	85.8 NR	7.82
BOTTOM TYPE: seagrass mud sand hard bottom UNK				0926	1	25.8	21,926	13.16	NR 4.640	84.2	7.83
PAR Data: (umol/m²/s)				0927	2	26.2	36,604	23.11	5.56	78.6	7.84
Air Sensor					3						
Shallow In-Water Sensor					4						
Deep In-Water Sensor					5						
Depth (m)					6						
Deck					7						
Reading:				0928	Bottom Depth 2.2	26.3	36,628	23.12	5.54	78.2	7.86
Time: 0930 1009.6 150.88 70.363					Blank						
Depth (m)				Additional Comments & Observations:							
Deck											
Reading:											
Time:											
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time: 0929 NR				Type		SID	
UW Shallow: 2242.1 UW Deep: 2280.5 Air: 2036.3								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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Site Storet Code:

Date: 10/20/2021		Site# 393		Region: 1 2		Blank Time:		Blank Storet Code:															
Time: 1005		Sonde: ARDAY		3 4 5		____ DUP Time:		Duplicate Storet Code:															
Collecting Agency: FDEP						____ Bottom Time:		Bottom Storet Code:															
GPS Selected:		GPS Actual:		Weather Conditions:																			
Lat: 26.53683933		Lat: 26.5366549		Wind dir/spd: E/6		mph or knots (circle)																	
Long: -81.97375585		Long: -81.9736763		Wave ht: 0.2		ft (m (Circle))																	
Samplers/FDEP: NR KW MJ WM JB GS TB						Cld cover (%): 5		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			
1.9		0.9		0.8		0.85		Time: 1005		0.5		25.8		21,451		12.85		6.44		85.0		7.90	
BOTTOM TYPE: seagrass mud sand hard bottom UNK						1006		1		25.8		21,723		13.03		6.41		84.6		7.86			
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: 1009		1095.9		197.24		68.875		5															
Depth (m)		Deck		0.5 m		1.0 m		6															
Reading:								7															
Time:								1007		Bottom Depth 1.4		25.8		21,771		13.06		6.37		84.1		7.85	
Depth (m)		Deck		0.5 m		1.0 m		Blank															
Reading:								Additional Comments & Observations:															
Time:																							
Pre/Post PAR readings; (Only on 1st & last sample of trip)						Time:						Type						SID					
UW Shallow:						UW Deep:																	
						Air:																	

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 10/20/2021	Site# 394	Region: 1 2	Blank Time:	Blank Storet Code:
Time: 1035	Sonde: FRIDAY	3 4 5	DUP Time:	Duplicate Storet Code:
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:
GPS Selected:	GPS Actual:	Weather Conditions:		
Lat: 26.54280668	Lat: 26.5427447	Wind dir/spd: E / 7 mph or knots (circle)		
Long: -81.96011439	Long: -81.9603621	Wave ht: 0.1 ft (m) (Circle)		
Samplers/FDEP: NR KW MJ WM JB GS TB		Cld cover (%): 5 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)	
1.8	0.8	0.8	pH	
BOTTOM TYPE: seagrass mud sand hard bottom UNK			Sample Depth (m)	
PAR Data: (umol/m ² /s)			Water Temp. (°C)	
Depth (m)	Air Sensor	Shallow In-Water Sensor	Conductivity (mS/cm)	
Deck		0.5 m	Salinity (‰)	
1039	1429.0	242.85	Dissolved Oxygen (mg/l)	
Depth (m)	Deck	0.5 m	Dissolved Oxygen (%)	
Deck		1.0 m	pH	
Reading:			1035 0.5 25.9 22.624 13.62 6.27 83.3 7.89	
Time:			1036 1 25.8 25.512 15.53 6.07 81.8 7.85	
Depth (m)			1037 2 26.2 26.692 16.32 5.88 79.8 7.84 NR	
Deck			3	
			4	
			5	
			6	
			7	
Reading:			1037 Bottom Depth 1.3 26.2 26.692 16.32 5.88 79.8 7.84	
Time:			Blank	
Depth (m)	Deck	0.5 m	Additional Comments & Observations:	
Deck		1.0 m		
Reading:				
Time:				
Pre/Post PAR readings; (Only on 1st & last sample of trip)			Time:	Type
UW Shallow:			UW Deep:	SID
Air:				FLO

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 10/20/2021	Site# 417	Region: 1 2	Blank Time:	Blank Storet Code:
Time: 1125	Sonde: FRIDAY	3 4 5	DUP Time:	Duplicate Storet Code:
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:
GPS Selected:	GPS Actual:	Weather Conditions: NR		
Lat: 26.58434773	Lat: 26.5845302	Wind dir/spd: E/12 mph or knots (circle)		
Long: -81.92668559	Long: -81.9266950	Wave ht: 0.3 ft m (Circle)		
Samplers/FDEP: NR KW MJ WM JB GS TB		Cld cover (%): 5 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)	
0.9	0.6	0.6	Secchi Average/m	
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	0.4 m 0.5 m NR	Salinity (‰)	
Reading:		0.9 m 1.0 m NR	Dissolved Oxygen (mg/l)	
Time: 1127	1662.4	473.85	Dissolved Oxygen (%)	
Depth (m)	Deck	0.5 m	pH	
Reading:		1.0 m		
Time:				
Depth (m)	Deck	0.5 m	Additional Comments & Observations:	
Reading:				
Time:				
Pre/Post PAR readings; (Only on 1st & last sample of trip)			Time:	Type
UW Shallow:			UW Deep:	FLO
Air:				SID

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CCHMN TIDAL CALOOSA HATCHEE DATA SHEET

Site Storet Code:

Date: 10/20/2021	Site# 448	Region: 1 2	Blank Time: 1325	Blank Storet Code:							
Time: 1220	Sonde: FRIDAY	3 4 5	DUP Time:	Duplicate Storet Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:							
GPS Selected:		GPS Actual:		Weather Conditions:							
Lat: 26.677241		Lat: 26.6773454		Wind dir/spd: mph or knots (circle)							
Long: -81.85233414		Long: -81.85222802		Wave ht: ft m (Circle)							
Samplers/FDEP: NR KW MJ WM JB GS TB		Cld cover (%):		Hazy		Clear	Fog	Rain			
		Tide Level: LS LR LF		L=Low; M=Mid, H=High							
Sampler Signature: <i>[Signature]</i>		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
1.5	0.4	0.4	0.4	1220	0.5	26.0	1392	0.69	7.12	88.0	8.10
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1221 NR	1						
PAR Data: (umol/m²/s)				Air Sensor		Shallow In-Water Sensor		Deep In-Water Sensor			
Depth (m)	Deck	0.5 m	1.0 m	2							
Reading:				3							
Time: 1223	1827.7	268.04	24.260	4							
Depth (m)	Deck	0.5 m	1.0 m	5							
Reading:				6							
Time: 1221				7							
Depth (m)	Deck	0.5 m	1.0 m	Bottom Depth		25.9	1390	0.69	7.07	87.3	8.00
Reading:				Blank							
Time:				Additional Comments & Observations:							
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time: 1225				Type	SID		
UW Shallow: 2510.1 UW Deep: 2460.4				Air: 2179.0				FLO			

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