

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				Matrix Codes:				Preservative Codes:			
Name: FDEP - South				Name: DNRM				DW-Drinking water				NP-No Preservative			
ATTN: Kirby Wolfe				RE: CCHMN-Tidal Caloosa				GW- Ground water				N-Nitric Acid			
Address: 2295 Victoria Ave, Suite 364				Address: 1500 Monroe St				WW-Waste water				S-Sulfuric Acid			
PO Box 2549				Ft Myers, FL 33901				SW-Surface water				H-Hydrochloric Acid			
Ft Myers FL 33901				Phone: (239) 533-8109				WWS-Wastewater Sludge				SH-Sodium Hydroxide			
Phone: (239) 344-5719				Sample Collector Signature:				O-Sediment				ST-Sodium Thiosulfate			
Sample Collector(s) (please print): Nicole Reistad/Monica Jaeger								O-Other							
Relinquished By: (signature)				Date: 01/19/22	Time: 1500	Received By: (signature)		\$Chloro, _prep	O-PO4, Color, NOX	TOC	NH3, TKN, TN, T-PO4, NO3, ONIT	Turb, NO2, TSS, Silica, Bod, Bodi	Mug2QT, Entero	Analyses Required	
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: 4.9°C								Preservatives (see codes)							
								NP	NPF	S	S	NP	ST		
Collection		Sample Description & Location		Matrix (see codes)		# of Sample Containers Submitted						Lab ID #			
Date	Time					1	1	1	1	2	1				
01/19/22	1055	CRNEP_RS #412		SWE		1	1	1	1	2	1	AF12174			
01/19/22	1305	CRNEP_RS #443		SWE		1	1	1	1	2	1	AF12175			
01/19/22	0935	CRNEP_RS #393		SWE		1	1	1	1	2	1	AF12176			
		CRNEP_RSBOT #393 Bottom DID NOT SAMPLE		SWE		1	1	1	1	2	1	AF12177			
01/19/22	1130	CRNEP_RS #417		SWE		1	1	1	1	2	1	AF12178			
01/19/22	1220	CRNEP_RS #442		SWE		1	1	1	1	2	1	AF12179			
		CRNEP_RSBOT #442 Bottom DID NOT SAMPLE		SWE		1	1	1	1	2	1	AF12180			
01/19/22	1415	CRNEP_EQ #		SWE		1	1	1	1	2	1	AF12181			

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 CALOOSA HATCHEE DATA SHEET

Site Storet Code:

Date: 01/19/2022	Site# 393	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 0935	Sonde: PRESIDENT CAMACHO	3 4 5	DUP Time:	Duplicate Storet Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:							
GPS Selected:	GPS Actual:	Weather Conditions:									
Lat: 26.54368099	Lat: 26.54368	Wind dir/spd: ENE / 6 mph or knots (circle)									
Long: -81.96724645	Long: -81.96712	Wave ht: 0.1 ft (m) (Circle)									
Samplers/FDEP: NR KW MJ WM JB GS TB			Cld cover (%): 0		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
1.5	1.5	1.5	1.5 "S"	0935	0.5	17.6	23,659	14.38	8.45	96.5	8.02
BOTTOM TYPE: seagrass mud sand hard bottom UNK				0936	1	17.6	24,881	15.20	8.37	95.9	8.04
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: 0941	1200.4	446.83	220.57								
Depth (m)	Deck	0.5 m	1.0 m								
Reading:											
Time:											
Depth (m)	Deck	0.5 m	1.0 m								
Reading:											
Time:											
Additional Comments & Observations:											
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time: 0939				Type	SID		
UW Shallow: 1863.7 UW Deep: 1726.6				Air: 1737.1				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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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 01/19/2022	Site# 412	Region: 1 2	Blank Time:	Blank Storet Code:
Time: 1055	Sonde: PRESIDENT CAMACHO	3 4 5	DUP Time:	Duplicate Storet Code:
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:
GPS Selected:	GPS Actual:	Weather Conditions:		
Lat: 26.57944219	Lat: 26.57943	Wind dir/spd: E/NE 5 mph or knots (circle)		
Long: -81.92492494	Long: -81.92496	Wave ht: 0.1 calm ft m (Circle)		
Samplers/FDEP: NR KW MJ WM JB GS TB		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	Water Data: (0.01)	
1.7	1.1	1.0	Secchi Average/m	
			1.05	
BOTTOM TYPE: seagrass mud sand hard bottom UNK			Time:	
PAR Data: (umol/m ² /s)			Sample Depth (m)	
Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	Water Temp. (°C)	
Depth (m)	Deck	0.5 m	17.8	
Reading:			8903	
Time:	1526.8	344.69	17.5	
Depth (m)	Deck	0.5 m	9869	
Reading:			5.58	
Time:			8.99	
Depth (m)	Deck	0.5 m	8.90	
Reading:			96.1	
Time:			8.13	
Depth (m)	Deck	0.5 m	8.11	
Reading:				
Time:				
Additional Comments & Observations:				
Pre/Post PAR readings; (Only on 1st & last sample of trip)			Time:	
UW Shallow:			Air:	
UW Deep:				
			Type	SID
			FLO	

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 01/19/2022	Site# 417	Region: 1 2	Blank Time:	Blank Storet Code:
Time: 1130	Sonde: PRESIDENT CAMACHO	3 4 5	DUP Time:	Duplicate Storet Code:
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:
GPS Selected:	GPS Actual:	Weather Conditions:		
Lat: 26.58740181	Lat: 26.58755	Wind dir/spd: E/8 mph or knots (circle)		
Long: -81.92463426	Long: -81.92471	Wave ht: 0.1 ft (m) (Circle)		
Samplers/FDEP: NR KW MJ WM JB GS TB		Cld cover (%): 8 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)
1.0	1.0	1.0	1.0 "S"	Time: 1130
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: 1132	1656.0	339.81	177.78	Dissolved Oxygen (%)
Depth (m)	Deck	0.5 m	1.0 m	pH
Reading:				
Time:				
Depth (m)	Deck	0.5 m	1.0 m	Additional Comments & Observations:
Reading:				
Time:				
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Type
Time:				SID
UW Shallow: UW Deep: Air:				FLO

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 01/19/2022	Site# 442	Region: 1 2	Blank Time:	Blank Storet Code:
Time: 1220	Sonde: PRESIDENT CAMACHO	3 4 5	DUP Time:	Duplicate Storet Code:
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:
GPS Selected:	GPS Actual:	Weather Conditions:		
Lat: 26.65113308	Lat: 26.65120	Wind dir/spd: 88E/11 mph or knots (circle)		
Long: -81.8744369	Long: -81.87453	Wave ht: 0.05 ft m (Circle)		
Samplers/FDEP: NR KW MJ WM JB GS TB		Cld cover (%): 0 Hazy Clear Fog Rain		
Sampler Signature: [Signature]		Tide Level: LS LR NR 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)
2.3	0.9	0.8	0.85	Time: 1220
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: 1224	1529.5	430.77	188.04	Dissolved Oxygen (%)
Depth (m)	Deck	1.3m 0.5 m	1.8m 1.0 m	pH
Reading:				
Time: 1226	1608.7	69.657	24.504	
Depth (m)	Deck	0.5 m	1.0 m	
Reading:				
Time:				
Additional Comments & Observations:				
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Type
Time:				SID
UW Shallow: UW Deep: Air:				FLO

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 01/19/2022	Site# 443	Region: 1 2	Blank Time: 1415	Blank Storet Code:							
Time: 1305	Sonde: PRESIDENT CAMACHO	3 4 5	DUP Time:	Duplicate Storet Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:							
GPS Selected:		GPS Actual:		Weather Conditions:							
Lat: 26.65310783		Lat: 26.65315		Wind dir/spd: SE/11 mph or knots (circle)							
Long: -81.85799789		Long: -81.85801		Wave ht: 0.05 ft m (Circle)							
Samplers/FDEP: NR KW MJ WM JB GS TB			Cld cover (%): 50		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	Time:	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
1.2	1.0	0.9	0.95	1305	0.5	19.0	4521	2.42	8.88	97.2	8.13
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1306	1.07	19.1	4534	2.43	8.83	96.6	8.09
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: 1308		200.74	27.683	14.761	5						
Depth (m)		Deck	0.5 m	1.0 m	6						
Reading:					7						
Time: 1312 NR					Bottom Depth						
Depth (m)		Deck	0.5 m	1.0 m	Blank						
Reading:					Additional Comments & Observations: Condo building blocking Sun for this site and post-PAR Licor readings						
Time:											
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time: 1310					Type	SID	
UW Shallow: 303.88 UW Deep: 277.96				Air: 219.46					FLO		

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