

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: DNR	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	
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Relinquished By: (signature) 	Date 09/06/23	Time 13:50	Received By: (signature) 	\$Chloro, _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: 1.3°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									
09/06/23	0925	CRNEP_RS #389	SWE	1	1	1	1	2	1	AF68837
09/06/23	1125	CRNEP_RS #443	SWE	1	1	1	1	2	1	AF68838
09/06/23	1150	CRNEP_RS #448	SWE	1	1	1	1	2	1	AF68839
09/06/23	1100	CRNEP_RS #442	SWE	1	1	1	1	2	1	AF68840
09/06/23	1015	CRNEP_RS #423	SWE	1	1	1	1	2	1	AF68841
09/06/23	1240	CRNEP_EQ #	SWE	1	1	1	1	2	1	AF68842

**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: 09/06/2023	Site# 389	Region: 1 2	Blank Time:	Blank WIN Code:							
Time: 0925	Sonde: <i>President Camacho</i>	3 4 5	DUP Time:	Duplicate WIN Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom WIN Code:							
GPS Selected:	GPS Actual:		Weather Conditions:								
Lat: 26.52929685	Lat: 26.52932		Wind dir/spd: 0	mph or knots (circle)							
Long: -81.94798642	Long: -81.94788		Wave ht: 0.6	ft m (Circle)							
Samplers/FDEP: NR MJ WM TB GS JB			Cld cover (%): 70	Hazy	Clear	Fog	Rain				
Sampler Signature: <i>[Signature]</i>			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	
0.8	0.8	0.8	0.8 "S"	Time: 0925	0.5	29.6	26.703	16.26	6.10	87.6	7.56
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1							
PAR Data: (umol/m²/s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	2							
				3							
Depth (m)	Deck	0.5 m	1.0 m	4							
Reading:	791.22	451.41	159.07	5							
Time: 0930	1314.7 NR	1275.4 NR	13 NR	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: 0928				Type	SID		
Air: 1314.7 UW Shallow: 1275.4 UW Deep: 1301.2								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 CALOOSA HATCHEE DATA SHEET

Site Storet Code:

Date: 09/06/2023	Site# 423	Region: 1 2	Blank Time:		Blank Storet Code:	
Time: 1015	Sonde: President Canache	3 4 5	DUP Time:		Duplicate Storet Code:	
Collecting Agency: FDEP			Bottom Time:		Bottom Storet Code:	
GPS Selected:	GPS Actual:		Weather Conditions:			
Lat: 26.60602519	Lat: 26.60604		Wind dir/spd: SE/5		mph or knots (circle)	
Long: -81.91236376	Long: -81.91230		Wave ht: 0.0		ft (m) (Circle)	
Samplers/FDEP: NR MJ WM TB GS JB			Cld cover (%): 70			
Sampler Signature: [Signature]			Tide Level: LS LR LF			
			MR MF HR HS HF			
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)
1.5	1.0	0.9	0.95	0.5	29.0	6931
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1	29.0	8299
PAR Data: (umol/m²/s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	2		
				3		
Depth (m)	Deck	0.5 m	1.0 m	4		
Reading:				5		
Time: 1019	1617.1	234.91	71.249	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:		Type
UW Shallow:		UW Deep:		Air:		SID
						FLO

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site WIN Code:

Date: 09/06/2023	Site# 442	Region: 1 2	Blank Time:	Blank WIN Code:
Time: 1100	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: 26.6589249	Lat: 26.65897	Wind dir/spd: SE/5	mph or knots (circle)	
Long: -81.86746565	Long: -81.86743	Wave ht: 0.05	ft m (Circle)	
Samplers/FDEP: NR MJ WM TB GS JB		Cld cover (%): 70	Hazy	Clear
Sampler Signature: [Signature]		Tide Level: LS LR LF	L=Low; M=Mid; H=High	Fog Rain
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	0.9	0.8	0.85	
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: 1108	2123.3	393.83	61.954	
Depth (m)	Deck	1.5 m	2.0 m	
Reading:				
Time: 1109	2080.2	26.563	7.8916	
Depth (m)	Deck	m	m	
Reading:				
Time:				
Additional Comments & Observations: full sun during 21-COR reads				
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 CALOOSA HATCHEE DATA SHEET

Site Storet Code:

Date: 09/06/2023	Site# 443	Region: 1 2	Blank Time:	Blank Storet Code:						
Time: 1125	Sonde: President Carnation	3 4 5	DUP Time:	Duplicate Storet Code:						
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:						
GPS Selected:		GPS Actual:		Weather Conditions:						
Lat: 26.66377636		Lat: 26.66379		Wind dir/spd: SE/5 mph or knots (circle)						
Long: -81.86245039		Long: -81.86246		Wave ht: 0.0 ft m (Circle)						
Samplers/FDEP: NR MJ WM TB GS JB		Sampler Signature: [Signature]		Cld cover (%): 60 Hazy Clear Fog Rain						
				Tide Level: LS LR LF L=Low; M=Mid, H=High						
Water Depth & Secchi:		Water Data: (0.01)		MR MF HR HS HF S=Slack, R=Rising, F=Falling						
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
2.3	0.8	0.7	0.75	0.5	29.9	3128	1.62	6.51	86.7	7.99
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1	29.3	3557	1.85	6.58	86.9	7.98
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: 1131	1712.1	221.41	34.197	5						
Depth (m)	Deck	1.3 m	1.8 m	6						
Reading:				7						
Time: 1132	1562.8	21.266	9.9294	1127	Bottom Depth 1.8	29.6	15,896	9.24	5.92	82.0
Depth (m)	Deck	m	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:				FLO		

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site WIN Code:

Date: 09/06/2023	Site# 448	Region: 1 2	Blank Time: 1240	Blank WIN Code:						
Time: 1150	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: 26.67320259	Lat: 26.67314	Wind dir/spd: SE/5		mph or knots (circle)						
Long: -81.86280102	Long: -81.86298	Wave ht: 0.05		ft (m) (Circle)						
Samplers/FDEP: (NR) (MJ) WM TB GS JB		Cld cover (%): 40		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
1.3	0.7	0.6	0.65	0.5	30.1	2391	1.22	6.02	80.3	7.94
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1						
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: 1153	211.4	226.66	23.565	5						
Depth (m)	Deck	m	m	6						
Reading:				7						
Time:				Bottom Depth						
Depth (m)	Deck	m	m	Blank						
Additional Comments & Observations:										
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time: 1155				Type	SID	
Air: 2364.6 UW Shallow: 2927.0 UW Deep: 2979.1								FLO		

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