

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: 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
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Relinquished By: (signature) 	Date 02/08/23	Time 1346	Received By: (signature) 	\$Chloroa, _prep	O-PO4, Color, NOX	TOC	NH3, TKN, TN, T-PO4, NO3, ONIT	Turb, NO2, TSS, Silica, 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: 2.4°C	NP	NPF	S	S	NP	ST
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Collection		Sample Description & Location	Matrix (see codes)	Preservatives (see codes)						Lab ID #
Date	Time			NP	NPF	S	S	NP	ST	
02/08/23	1020	CRNEP_RS #419	SWE	1	1	1	1	2	1	AF49999
02/08/23	0950	CRNEP_RS #418	SWE	1	1	1	1	2	1	AF50000
02/08/23	1140	CRNEP_RS #443	SWE	1	1	1	1	2	1	AF50001
02/08/23	1055	CRNEP_RS #435	SWE	1	1	1	1	2	1	AF50002
02/08/23	0915	CRNEP_RS #411	SWE	1	1	1	1	2	1	AF50003
		CRNEP_RSBOT #411 Bottom DID NOT SAMPLE	SWE	1	1	1	1	2	1	AF50004
02/08/23	1250	CRNEP_EQ #C443	SWE	1	1	1	1	2	1	AF50005

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: 02/08/2023	Site# 411	Region: 1 2	Blank Time:	Blank WIN Code:						
Time: 0915	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: 26.56966104		Lat: 26.56960		Wind dir/spd: E/8 mph or knots (circle)						
Long: -81.93352939		Long: -81.93355		Wave ht: 0.1 ft m (Circle)						
Samplers/FDEP: NR MJ WM TB GS JB				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	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
2.5	1.5	1.4	1.45	0.5	21.4	15/39	8.84	8.12	96.5	7.78
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: 0920	946.80	407.21	100.64	5						
Depth (m)	Deck	1.5 m	2.0 m	6						
Reading:				7						
Time: 0921	854.59	43.888	22.171	0916 Bottom Depth 2.0	21.9	23349	14.15	6.78	85.1	7.83
Depth (m)	Deck	m	m	Blank						
Additional Comments & Observations:										
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time: 0918						
Air: 1737.9	UW Shallow: 1785.1	UW Deep: 1739.7								
				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: Kirby Wolfe (239) 470-0873

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 02/08/2023	Site# 418	Region: 1 2	Blank Time:	Blank Storet Code:						
Time: 0950	Sonde: PRESIDENT CANAL	3 4 5	DUP Time:	Duplicate Storet Code:						
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:						
GPS Selected:	GPS Actual:		Weather Conditions:							
Lat: 26.58753938	Lat: 26.58749		Wind dir/spd: E/8	mph or knots (circle)						
Long: -81.91089353	Long: -81.91109		Wave ht: 0.1	ft m (Circle)						
Samplers/FDEP: NR MJ WM TB GS JB			Cld cover (%): 0	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
2.0	1.0 NR	0.9	0.95	0.5	21.2	12,499	7.19	8.13	95.6	8.00
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: 0955	1414.2	406.09	100.58	6						
Depth (m)	Deck	1.0 m	1.5 m	7						
Reading:				0952 Bottom Depth 1.5	21.6	17,049	10.06	7.64	92.1	7.92
Time: 0956	1385.5	136.43	41.543	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	
UW Shallow:					UW Deep:			Air:		
								FLO		

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site WIN Code:

Date: 02/08/2023	Site# 419	Region: 1 2	Blank Time:	Blank WIN Code:							
Time: 1020	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: 26.59181221		Lat: 26.59182		Wind dir/spd: E/10 mph or knots (circle)							
Long: -81.89909219		Long: -81.89922		Wave ht: 0.1 ft (m) (Circle)							
Samplers/FDEP: NR MJ WM TB GS JB			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	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH	
1.5	0.9	0.8	0.85	Time: 1020	0.5	21.4	13,830	8.00	8.05	95.3	7.98
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1							
PAR Data: (umol/m²/s)				2							
Air Sensor				3							
Shallow In-Water Sensor				4							
Deep In-Water Sensor				5							
Depth (m)	Deck	0.5 m	1.0 m	6							
Reading:				7							
Time: 1025	1560.5	279.52	134.12	Bottom Depth 1.0	21.7	16,890	9.97	7.71	92.8	7.89	
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		
Air: UW Shallow: UW Deep:								FLO			

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 02/08/23	Site# 435	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 1055	Sonde: PRESIDENT Canyons	3 4 5	DUP Time:	Duplicate Storet Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:							
GPS Selected:	GPS Actual:		Weather Conditions:								
Lat: 26.63418043	Lat: 26.63420		Wind dir/spd: E/10	mph or knots (circle)							
Long: -81.88608782	Long: -81.88617		Wave ht: 0.01	ft (m (Circle))							
Samplers/FDEP: NR MJ WM TB GS JB			Cld cover (%): 0	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	
1.5	1.0	0.9	0.95	0.5	21.7	12,055	6.86	7.99	94.6	7.98	
BOTTOM TYPE: seagrass mud sand hard bottom UNK											
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: 1100	1691.9	346.07	126.27								
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:						Type	SID	
UW Shallow:			UW Deep:	Air:						FLO	

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 02/08/23	Site# 443	Region: 1 2	Blank Time: 1250	Blank Storet Code:						
Time: 1140	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: 26.6624157	Lat: 26.66247		Wind dir/spd: E/10	mph or knots (circle)						
Long: -81.85029026	Long: -81.85033		Wave ht: 0.1	ft m (Circle)						
Samplers/FDEP: NR MJ WM TB GS JB			Cld cover (%): 0	Hazy	Clear	Fog	Rain			
			Tide Level: LS	LR	LF	L=Low; M=Mid; H=High				
Sampler Signature: [Signature]			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)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
1.0	0.8	0.8	0.8	Time: 1140	0.5	22.1	6250	3.4	8.15	95.4
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: 1143	1805.2	403.54	111.44	5						
Depth (m)	Deck	m	m	6						
Reading:				7						
Time: 1149				Bottom Depth						
Depth (m)	Deck	m	m	Blank						
Additional Comments & Observations:										
Pre/Post PAR readings; (Only on 1st & last sample of trip)										
Time: 1145				Type				SID		
UW Shallow: 2101.8 UW Deep: 2038.2 Air: 2019.7				FLO						

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site WIN Code:

Date:	Site#	Region: 1 2	Blank Time:	Blank WIN Code:							
Time:	Sonde:	3 4 5	DUP Time:	Duplicate WIN Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom WIN Code:							
GPS Selected:	GPS Actual:		Weather Conditions:								
Lat:	Lat:		Wind dir/spd: mph or knots (circle)								
Long:	Long:		Wave ht: ft m (Circle)								
Samplers/FDEP: NR MJ WM TB GS JB			Cld cover (%): Hazy Clear Fog Rain								
			Tide Level: LS LR LF L=Low; M=Mid, H=High								
Sampler 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 (°/oo)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
					0.5						
BOTTOM TYPE: seagrass mud sand hard bottom UNK					1						
PAR Data: (umol/m ² /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:					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	SID		
Air: UW Shallow: UW Deep:								FLO			

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