

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

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 Reistad/Chris Hormuth		Sample Collector Signature: 		Analyses Required							
Relinquished By: (signature) 		Received By: (signature) 									
Relinquished By: (signature)		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)		Received By: (signature)									
Relinquished By: (signature)		Received By: (signature)									
Sample(s) on ice ☒ Yes or ☐ No? Temperature °C: 3.1°C				Preservatives (see codes)							
				NP	NPF	S	S	NP	ST		
Collection Date Time		Sample Description & Location		Matrix (see codes)	# of Sample Containers Submitted					Lab ID #	
03/17/21 0935		CRNEP_RS #395		SWE	1	1	1	1	2	1	AE80513
03/17/21 1155		CRNEP_RS #449		SWE	1	1	1	1	2	1	AE80514
03/17/21 1010		CRNEP_RS #402		SWE	1	1	1	1	2	1	AE80515
03/17/21 1040		CRNEP_RS #413		SWE	1	1	1	1	2	1	AE80516
03/17/21 1310		CRNEP_RS #470		SWE	1	1	1	1	2	1	AE80517
03/17/21 1345		CRNEP_EQ # @470		SWE	1	1	1	1	2	1	AE80518

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: 03/17/2021	Site# 395	Region: 1 2	Blank Time:	Blank Storet Code:						
Time: 0935	Sonde: SNEK	3 4 5	DUP Time:	Duplicate Storet Code:						
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:						
GPS Selected:	GPS Actual:		Weather Conditions:							
Lat: 26.54755765	Lat: 26.54758		Wind dir/spd: E/5			mph or <u>(knots)</u> (circle)				
Long: -81.94259607	Long: -81.94290		Wave ht: 0.2			ft m (Circle)				
Samplers/FDEP: NR KW CH GS JB MC			Cld cover (%): 15 Hazy <u>Clear</u> Fog Rain							
Sampler Signature: <i>[Signature]</i>			Tide Level: LS LR LF			L=Low; M=Mid, H=High				
			MR <u>MF</u> 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
1.8	1.3	1.2	1.25	0.5	23.5	21583	12.97	7.26	92.0	7.82
BOTTOM TYPE: seagrass <u>mud</u> sand hard bottom UNK				1	23.6	22,088	13.30	7.18	91.3	7.89
PAR Data: (umol/m ² /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: 0940	1165.0	462.19	202.89	5						
Depth (m)	Deck	0.5 m	1.0 m	6						
Reading:				7						
Time:				Bottom Depth						
Depth (m)	Deck	0.5 m	1.0 m	Blank						
Additional Comments & Observations:										
Pre/Post PAR readings: (Only on 1st & last sample of trip)					Time: 0938			Type	SID	
UW Shallow: 2031.2 UW Deep: 1991.2					Air: 1912.7			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: 03/17/2021	Site# 401 ⁴⁰² NR	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 1010	Sonde: SNEK	3 4 5	DUP Time:	Duplicate Storet Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:							
GPS Selected:		GPS Actual:		Weather Conditions:							
Lat: 26.56475391		Lat: 26.56476		Wind dir/spd: E/5 mph or knots (circle)							
Long: -81.92254908		Long: -81.92272		Wave ht: 0.1 ft m (Circle)							
Samplers/FDEP: NR KW CH GS JB MC		Cld cover (%): 15		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	Time:	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
1.1	1.1	1.1	1.1 "S"	1010	0.5	24.2	19,559	11.64	6.70	85.3	7.85
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: 1012	1381.8	398.37	232.28								
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: 1				Type	SID		
UW Shallow:				UW Deep:				Air:			
								FLO			

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 03/17/2021	Site# 413	Region: 1 2	Blank Time:	Blank Storet Code:						
Time: 1040	Sonde: SNEK	3 4 5	DUP Time:	Duplicate Storet Code:						
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:						
GPS Selected:	GPS Actual:		Weather Conditions:							
Lat: 26.56926934	Lat: 26.56934		Wind dir/spd: E/7			mph or knots (circle)				
Long: -81.91215414	Long: -81.91213		Wave ht: 0.1			ft m (Circle)				
Samplers/FDEP: NR KW CH GS JB MC			Cld cover (%): 65 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
1.4	1.3	1.3	1.3	0.5	24.5	20572	12.29	6.93	88.7	7.87
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: 1042	532.21	198.51	115.03	5						
Depth (m)	Deck	0.5 m	1.0 m	6						
Reading:				7						
Time:				Bottom Depth						
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:				FLO		

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CCHMN TIDAL CALOOSA HATCHEE DATA SHEET

Site Storet Code:

Date: 03/17/2021	Site# 449	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 1155	Sonde: SNEK	3 4 5	DUP Time:	Duplicate Storet Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:							
GPS Selected:		GPS Actual:		Weather Conditions:							
Lat: 26.68317793		Lat: 26.68330		Wind dir/spd: E/8MPH mph or knots (circle)							
Long: -81.84974292		Long: -81.84974		Wave ht: 0.2 ft (m (Circle))							
Samplers/FDEP: NR KW CH GS JB MC		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	Time:	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
1.1	0.6	0.5	0.55	1155	0.5	25.1	2600	1.34	8.03	98.0	8.19
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: 1157	2070.2	309.27	103.78		6						
Depth (m)	Deck	0.5 m	1.0 m		7						
Reading:					Bottom Depth						
Time:					Blank						
Additional Comments & Observations:											
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 Storet Code:

Date: 03/17/2021	Site# 470	Region: 1 2	Blank Time: 1345	Blank Storet Code:							
Time: 1310	Sonde: SNEK	3 4 5	DUP Time:	Duplicate Storet Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:							
GPS Selected:		GPS Actual:		Weather Conditions:							
Lat: 26.72140881		Lat: 26.72136		Wind dir/spd: E/S mph or knots (circle)							
Long: -81.73467916		Long: -81.73457		Wave ht: 0.1 ft (m (Circle))							
Samplers/FDEP: NR KW CH GS JB MC		Cld cover (%): 60		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
8.0	0.8	0.7	0.75	1310	0.5	24.3	713	0.35	9.47	113.2	8.27
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1311	1	24.2	713	0.35	9.43	112.7	8.16
PAR Data: (umol/m²/s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	1312	2	23.4	730	0.36	8.56	100.8	7.96
Depth (m)	Deck	0.5 m	1.0 m	1313	3	23.2	704	0.34	8.29	97.2	7.92
Reading:				1314	4	23.1	713	0.35	8.08	94.5	7.88
Time: 1316	2406.2	655.01	187.41		5						
Depth (m)	Deck	1.5m -0.5m	2.0m 4.0m		6						
Reading:					7						
Time: 1317	1450.5	26.056	6.1386		Bottom Depth						
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)										Type	SID
UW Shallow: 2216.6 UW Deep: 2256.3										FLO	
Time: 1316/1320 Air: 1549.3											

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