

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: 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 08/18/21	Time 1449	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: 4.6°C				NP	NPF	S	S	NP	ST	
Collection Date	Time	Sample Description & Location	Matrix (see codes)	# of Sample Containers Submitted						Lab ID #
08/18/21	1128	CRNEP_RS #417	SWE	1	1	1	1	2	1	AE96346
08/18/21	0940	CRNEP_RS #326X	SWE	1	1	1	1	2	1	AE96347
08/18/21	1035	CRNEP_RS #404	SWE	1	1	1	1	2	1	AE96348
08/18/21	1045	CRNEP_RSBOT #404 Bottom	SWE	1	1	1	1	2	1	AE96349
08/18/21	1220	CRNEP_RS #435	SWE	1	1	1	1	2	1	AE96350
08/18/21	1150	CRNEP_RS #428	SWE	1	1	1	1	2	1	AE96351
08/18/21	1300	CRNEP_EQ #	SWE	1	1	1	1	2	1	AE96352

**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: 08/18/2021	Site# 326X	Region: 1 2	Blank Time:		Blank Storet Code:						
Time: 0940	Sonde: OLD MAN JENKINS	3 4 5	____ DUP Time:		Duplicate Storet Code:						
Collecting Agency: FDEP			____ Bottom Time:		Bottom Storet Code:						
GPS Selected:		GPS Actual:		Weather Conditions:							
Lat: 26.53091121		Lat: 26.53122		Wind dir/spd: E/3 mph or knots (circle)							
Long: -82.01284272		Long: -82.01270		Wave ht: 0.1 ft (m) (Circle)							
Samplers/FDEP: NR KW MJ WM JB GS TB			Cld cover (%): 25		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
1.7	1.4	1.4	1.4	0940	0.5	30.0	37.801	23.85	5.41	8.8	7.79
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: 0945	1245.4	446.83	226.51		0942	Bottom Depth 1.2	30.0	39.157	24.80	5.33	80.9
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: 0944				Type		SID	
UW Shallow: 2059.7 UW Deep: 2122.0				Air: 1504.6				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: 08/18/2021	Site# 404	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 1035	Sonde: ^{OLD MAN} JENKINS	3 4 5	DUP Time:	Duplicate Storet Code:							
Collecting Agency: FDEP			X Bottom Time: 1045	Bottom Storet Code:							
GPS Selected:		GPS Actual:		Weather Conditions:							
Lat: 26.55945001		Lat: 26.55949		Wind dir/spd: E/5 mph or knots (circle)							
Long: -81.92596808		Long: -81.92597		Wave ht: 0.1 ft (m) (Circle)							
Samplers/FDEP: NR KW MJ WM JB GS TB			Cld cover (%): 35		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
3.4	0.9	0.8	0.85	1035	0.5	29.6	8567	4.74	5.21	70.2	7.75
BOTTOM TYPE: seagrass/mud sand hard bottom UNK				1036	1	29.4	12330	7.00	5.17	70.4	7.71
PAR Data: (umol/m²/s)				1037	2	29.5	13,121	7.50	5.19	70.9	7.72
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: 1039	481.27	92.838	30.931								
Depth (m)	Deck	1.5m 0.5m NR	2.0m 1.0m NR								
Reading:				1045	Bottom Depth 2.9	29.4	13,450	7.70	5.08	69.4	7.73
Time: 1040	443.35	11.559	3.9389		Blank						
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)						Time:		Type	SID		
UW Shallow:						UW Deep:		FLO			
Air:											

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 08/18/2021	Site# 417	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 1120	Sonde: OLD MAN JENKINS	3 4 5	DUP Time:	Duplicate Storet Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:							
GPS Selected:		GPS Actual:		Weather Conditions:							
Lat: 26.59675476		Lat: 26.59666		Wind dir/spd: E/6 mph or knots (circle)							
Long: -81.91904068		Long: -81.91910		Wave ht: 0.2 ft/m (Circle)							
Samplers/FDEP: NR KW MJ WM JB GS TB		Cld cover (%): 40		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)							
1.6	0.9	0.8	0.85	Time: 1120	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
BOTTOM TYPE: seagrass mud sand hard bottom UNK					0.5	29.3	788	0.38	5.96	78.2	7.85
PAR Data: (umol/m²/s)					1						
Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor			2						
Depth (m)	Deck	0.5 m	1.0 m		3						
Reading:					4						
Time: 1123	2102.0	348.53	103.53		5						
Depth (m)	Deck	0.5 m	1.0 m		6						
Reading:					7						
Time:				1121	Bottom Depth 1.1	29.3	789	0.38	5.79	75.7	7.80
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:								FLO			

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 08/18/2021	Site# 428	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 1150	Sonde: ^{SLD MAN} JENKINS	3 4 5	DUP Time:	Duplicate Storet Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:							
GPS Selected:		GPS Actual:		Weather Conditions:							
Lat: 26.62082887		Lat: 26.62078		Wind dir/spd: E/6 mph or knots (circle)							
Long: -81.90657245		Long: -81.90673		Wave ht: 0.25 ft (m) (Circle)							
Samplers/FDEP: NR KW MJ WM JB GS TB		Cld cover (%): 50		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	
2.5	0.8	0.7	0.75	Time: 1150	0.5	29.4	590	0.28	6.43	84.4	7.96
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1151	1	29.3	595	0.29	6.35	83.0	7.83
PAR Data: (umol/m ² /s)				1152	2	29.1	609	0.29	6.09	79.4	7.78
Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor		3							
Depth (m)	Deck	0.5 m	1.0 m	4							
Reading:				5							
Time: 1154	2030.8	319.92	103.76	6							
Depth (m)	Deck	1.5 0.5 m NR	2.0 1.0 m NR	7							
Reading:				Bottom Depth							
Time: 1156	588.18	8.3657	2.2391	Blank							
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)				Time:				Type	SID		
UW Shallow: UW Deep: Air:								FLO			

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

				Site Storet Code:			
Date: 08/18/2021		Site# 435		Region: 1 2		Blank Time: 1300	
Time: 1220		Sonde: OLD MAN JENKINS		3 4 5		Blank Storet Code:	
Collecting Agency: FDEP				DUP Time:		Duplicate Storet Code:	
				Bottom Time:		Bottom Storet Code:	
GPS Selected:		GPS Actual:		Weather Conditions:			
Lat: 26.64453325		Lat: 26.644462		Wind dir/spd: E/6 mph or knots (circle)			
Long: -81.89325334		Long: -81.89323		Wave ht: 0.2 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)	pH
1.7	0.8	0.7	0.75	1220	0.5	30.0	
BOTTOM TYPE: seagrass mud sand hard bottom UNK					1	499.7	
					2	500 NR	
PAR Data: (umol/m ² /s)					3		
Air Sensor					4		
Shallow In-Water Sensor					5		
Deep In-Water Sensor					6		
Depth (m)	Deck	0.5 m	1.0 m		7		
Reading:							
Time: 1224	542.98	67.522	18.633				
Depth (m)	Deck	0.5 m	1.0 m				
Reading:				1222	Bottom Depth 1.2	29.7	
Time:					Blank		
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)				Time: 1226		Type	
UW Shallow: 961.42 UW Deep: 955.20				Air: 734.77		FLO	
						SID	

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