

LCEL

Lab Certification: E45049
LCEL F COC 20150828R1

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

Page 1 of 1

Report/Result Information

Name: FDEP - South
ATTN: Kirby Wolfe
Address: 2295 Victoria Ave, Suite 364
PO Box 2549
Ft Myers FL 33901

Phone: (239) 344-5719

Sample Collector(s) (please print):

Nicole Reistad/Monica Jaeger

Relinquished By: (signature)

Relinquished By: (signature)

Relinquished By: (signature)

Billing/Invoice Information

Name: DNRM
RE: CCHMN-Tidal Caloosa
Address: 1500 Monroe St
Ft Myers, FL 33901
Phone: (239) 533-8109

Sample Collector Signature:

Received By: (signature)

Received By: (signature)

Received By: (signature)

Sample(s) on ice ☒ Yes or ☐ No? Temperature °C: 4.02

Sample Description & Location

Matrix (see codes)

Collection Time

Date

CRNEP_RS #443

CRNEP_RS #412

CRNEP_RS BOT #412 Bottom

CRNEP_RS #435

CRNEP_RS #423

CRNEP_RS #450

CRNEP_EQ #

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

Analyses Required

O-P₄ Color, NO_x
TOC
NH₃, TKN, TN, T-P₄, NO₃, ONIT
Turb, NO₂, TSS, Silica, Bod, Bod
Mug₂QT, Entero

Preservatives (see codes)

NP NPF S S NP ST

of Sample Containers Submitted

Lab ID #

1 1 1 1 2 1

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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 CALOOSAHAATCHEE DATA SHEET

Date: 02/16/2022										Region: 1 2										Site# 412										Blank Time:										Site Storet Code:									
Time: 0920										Sonde: President Canacho										3 4 5										Blank Time:										Blank Storet Code:									
Collecting Agency: FDEP																														Bottom Time: 0935										Bottom Storet Code:									
GPS Selected:										GPS Actual:																				Weather Conditions:																			
Lat: 26.57020072										Lat: 26.57012																				Wind dir/spd: E/12										mph or knots (circle)									
Long: -81.92108667										Long: -81.92202																				Wave ht: 0.6										ft m (Circle)									
Samplers/FDEP: NR KW MJ WM JB GS TB																				Old cover (%):										Hazy Clear Fog Rain																			
Sampler Signature: [Signature]																				Tide Level: LS LR HS										LF HF										L=Low; M=Mid, H=High									
																				MR MF HR HS										HF										S=Slack, R=Rising, F=Falling									
Water Depth & Secchi:																																																	
Total Depth/m										Disappearance Depth/m										Reappearance Depth/m										Secchi Average/m																			
4.8										1.5										1.4										1.45																			
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: 0933										1188.8										398.52										199.57																			
Depth (m)										Deck										1.5m 0.5m NR										2.0m 1.0m NR																			
Reading:																																																	
Time: 0934										1210.6										159.50										79.252																			
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: 0932										Air: 0932										Type										SID									
UW Shallow: 1826.5										UW Deep: 1834.8										Air: 1996.7										FLO																			

CCHMN TIDAL CALOOSAHAATCHEE DATA SHEET

CCHMN TIDAL CALOOSAHAATCHEE DATA SHEET										Site Storet Code:	
Date: 02/16/2022	Site# 423	Region: 1 2	Blank Time:		Blank Storet Code:						
Time: 1010	Sonde: President Canfield	3 4 5	DUP Time:		Duplicate Storet Code:						
Collecting Agency: FDEP			Bottom Time:		Bottom Storet Code:						
GPS Selected:			GPS Actual:		Weather Conditions:						
Lat: 26.61450243			Lat: 26.61460		Wind dir/spd: E/13		mph or knots (circle)				
Long: -81.90165092			Long: -81.90161		Wave ht: 0.6		ft m (Circle)				
Samplers/FDEP: NR KW MJ WM JB GS TB			Cld cover (%): 0		Hazy		Clear		Rain		
Sampler Signature: [Signature]			Tide Level: LS		LF		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	
1.7	1.0. [Signature]	1.0. [Signature]	1.0. [Signature]	0.5	17.8	9071	5.10	9.18	99.7	8.19	
BOTTOM TYPE: seagrass mud sand hard bottom UNK					1.2	17.9	8998	5.05	9.19	99.8	
PAR Data: (umol/m²/s)			Air Sensor		2						
Shallow In-Water Sensor			Deep In-Water Sensor		3						
Depth (m)			0.5 m		4						
Reading:					5						
Time: 1615			1428.8		6						
Depth (m)			0.5 m		7						
Reading:					Bottom Depth						
Time:					Blank						
Depth (m)			0.5 m		Additional Comments & Observations:						
Reading:											
Time:											
Pre/Post PAR readings; (Only on 1st & last sample of trip)			Time:								
UW Shallow:			UW Deep:								
Air:											

CCHMN TIDAL CALOOSAHAATCHEE DATA SHEET

Site Storet Code:									
Date: 02/16/2022		Site# 435		Region: 1 2		Blank Time:		Blank Storet Code:	
Time: 1050		Sonde: PRE51085T		3 4 5		DUP Time:		Duplicate Storet Code:	
Collecting Agency: FDEP		GPS Actual:				Bottom Time:		Bottom Storet Code:	
GPS Selected:		Lat: 26.64540429		Long: -81.89999521		Wind dir/spd: E/12		mph or knots (circle)	
Long: -81.89999521		Lat: 26.64540429		Long: -81.89999521		Wave ht: 0.5		ft m (Circle)	
Samplers/FDEP: NR KW MJ WM JB GS TB		Cld cover (%):		LS		LF		HF	
Sampler Signature: [Signature]		MR		MF		HR		HS	
Water Depth & Secchi:		Disappearance Depth/m		Reappearance Depth/m		Secchi Average/m		pH	
Total Depth/m		1.1		0.7		0.6		0.65	
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: 1054		1514.0		357.37		63.236			
Depth (m)		Deck		0.5 m		1.0 m			
Reading:									
Time:									
Depth (m)		Deck		0.5 m		1.0 m			
Reading:									
Time:									
Pre/Post PAR readings; (Only on 1st & last sample of trip)		Time:		Air:		UW Deep:		UW Shallow:	
Time:									
Depth (m)		Deck		0.5 m		1.0 m			
Reading:									
Time:									
Additional Comments & Observations:		dead macroalgae on substrate and floating just above the substrate (displaced by wave)							

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:									
Date: 02/16/2022		Site# 443		Region: 1 2		Blank Time:		Blank Storet Code:	
Time: 1135		Sonde: RESIDENT CAMACHO		3 4 5		DUP Time:		Duplicate Storet Code:	
Collecting Agency: FDEP		GPS Actual:				Bottom Time:		Bottom Storet Code:	
GPS Selected:		Lat: 26.67065573		Long: -81.86870632		Weather Conditions:		mph or knots (circle)	
Lat: 26.67065573		Long: -81.86870632				Wave ht: 0.5		ft m (Circle)	
Samplers/FDEP: NR KW MJ WM JB GS TB		Cld cover (%): 10		Tide Level: LS		Hazy		Clear	
Sampler Signature: [Signature]		MR		MF		HR		HS	
Water Depth & Secchi:		Water Data: (0.01)		Sample Depth (m)		Water Temp. (°C)		Conductivity (mS/cm)	
Total Depth/m		Disappearance Depth/m		Reappearance Depth/m		Secchi Average/m		Salinity (‰)	
0.7		0.4		0.3		0.35		Dissolved Oxygen (mg/l)	
BOTTOM TYPE: seagrass mud		sand		hard bottom		UNK		Dissolved Oxygen (%)	
PAR Data: (umol/m²/s)		Air Sensor		Shallow In-Water Sensor		Deep In-Water Sensor		pH	
Depth (m)		Deck		0.5 m		1.0 m		19.2	
Reading:		1827.7		446.84		136.48		0.78	
Time: 1136		Deck		0.5 m		1.0 m		1552	
Depth (m)		Deck		0.5 m		1.0 m		9.28	
Reading:		1827.7		446.84		136.48		100.9	
Time: 1136		Deck		0.5 m		1.0 m		8.19	
Depth (m)		Deck		0.5 m		1.0 m			
Reading:		1827.7		446.84		136.48			
Time: 1136		Deck		0.5 m		1.0 m			
Depth (m)		Deck		0.5 m		1.0 m			
Reading:		1827.7		446.84		136.48			
Time: 1136		Deck		0.5 m		1.0 m			
Depth (m)		Deck		0.5 m		1.0 m			
Reading:		1827.7		446.84		136.48			
Time: 1136		Deck		0.5 m		1.0 m			
Depth (m)		Deck		0.5 m		1.0 m			
Reading:		1827.7		446.84		136.48			
Time: 1136		Deck		0.5 m		1.0 m			
Depth (m)		Deck		0.5 m		1.0 m			
Reading:		1827.7		446.84		136.48			
Time: 1136		Deck		0.5 m		1.0 m			
Depth (m)		Deck		0.5 m		1.0 m			
Reading:		1827.7		446.84		136.48			
Time: 1136		Deck		0.5 m		1.0 m			
Depth (m)		Deck		0.5 m		1.0 m			
Reading:		1827.7		446.84		136.48			
Time: 1136		Deck		0.5 m		1.0 m			
Depth (m)		Deck		0.5 m		1.0 m			
Reading:		1827.7		446.84		136.48			
Time: 1136		Deck		0.5 m		1.0 m			
Depth (m)		Deck		0.5 m		1.0 m			
Reading:		1827.7		446.84		136.48			
Time: 1136		Deck		0.5 m		1.0 m			
Depth (m)		Deck		0.5 m		1.0 m			
Reading:		1827.7		446.84		136.48			
Time: 1136		Deck		0.5 m		1.0 m			
Depth (m)		Deck		0.5 m		1.0 m			
Reading:		1827.7		446.84		136.48			
Time: 1136		Deck		0.5 m		1.0 m			
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Reading:		1827.7		446.84		136.48			
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Depth (m)		Deck		0.5 m		1.0 m			
Reading:		1827.7		446.84		136.48			
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Reading:		1827.7		446.84		136.48			
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Reading:		1827.7		446.84		136.48			
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Reading:		1827.7		446.84		136.48			
Time: 1136		Deck		0.5 m		1.0 m			
Depth (m)		Deck		0.5 m		1.0 m			
Reading:		1827.7		446.84		136.48			
Time: 1136		Deck		0.5 m		1.0 m			
Depth (m)		Deck		0.5 m		1.0 m			
Reading:		1827.7		446.84		136.48			
Time: 1136		Deck		0.5 m		1.0 m			
Depth (m)		Deck		0.5 m		1.0 m			
Reading:		1827.7		446.84		136.48			
Time: 1136		Deck		0.5 m		1.0 m			
Depth (m)		Deck		0.5 m		1.0 m			
Reading:		1827.7		446.84		136.48			
Time: 1136		Deck		0.5 m		1.0 m			
Depth (m)		Deck		0.5 m		1.0 m			
Reading:		1827.7		446.84		136.48			
Time: 1136		Deck		0.5 m		1.0 m			
Depth (m)		Deck		0.5 m		1.0 m			
Reading:		1827.7		446.84		136.48			
Time: 1136		Deck		0.5 m		1.0 m			
Depth (m)		Deck		0.5 m		1.0 m			
Reading:		1827.7		446.84		136.48			
Time: 1136		Deck		0.5 m		1.0 m			
Depth (m)		Deck		0.5 m		1.0 m			
Reading:		1827.7		446.84		136.48			
Time: 1136		Deck		0.5 m		1.0 m			
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Reading:		1827.7		446.84		136.48			
Time: 1136		Deck		0.5 m		1.0 m			
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Time: 1136		Deck		0.5 m		1.0 m			
Depth (m)		Deck		0.5 m		1.0 m			
Reading:		1827.7		446.84		136.48			
Time: 1136		Deck		0.5 m		1.0 m			
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Reading:		1827.7		446.84		136.48			
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Reading:		1827.7		446.84		136.48			
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Time: 1136		Deck		0.5 m		1.0 m			
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Reading:		1827.7		446.84		136.48			
Time: 1136		Deck		0.5 m		1.0 m			
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Reading:		1827.7		446.84		136.48			
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Time: 1136		Deck		0.5 m		1.0 m			
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Reading:		1827.7		446.84		136.48			
Time: 1136		Deck		0.5 m		1.0 m			
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Reading:		1827.7		446.84		136.48			
Time: 1136		Deck		0.5 m		1.0 m			
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Time: 1136		Deck		0.5 m		1.0 m			
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Reading:		1827.7		446.84		136.48			
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Reading:		1827.7		446.84		136.48			
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Depth (m)		Deck		0.5 m		1.0 m			
Reading:		1827.7		446.84		136.48			
Time: 1136		Deck		0.5 m		1.0 m			
Depth (m)		Deck		0.5 m		1.0 m			
Reading:		1827.7		446.84		136.48			

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:										
Date: 02/16/2022	Site# 450	Region: 1 2	Blank Time:							
Time: 1220	Sonde: PRESIDENT CONTACTO	3 4 5	DUP Time:							
Collecting Agency: FDEP			Bottom Time:							
GPS Selected:			Weather Conditions:							
Lat: 26.68197784			Wind dir/spd: E/12 mph or knots (circle)							
Long: -81.82573633			Wave ht: 0.4 ft m (Circle)							
Samplers/FDEP: NR KW MJ WM JB GS TB			Cld cover (%): 10 Hazy Clear Fog Rain							
Sampler Signature: [Signature]			Tide Level: LS LR LF M=Mid, H=High							
Water Depth & Secchi:			MR MF HR HS HF S=Slack, R=Rising, F=Falling							
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	20.4	676	0.33	8.78	97.6	8.06
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1	20.4	676	0.33	8.78	97.5	8.05
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: 1225	1773.2	478.79	161.25	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:										
Time:										
Additional Comments & Observations:										
Pre/Post PAR readings; (Only on 1st & last sample of trip)										
UW Shallow: 2646.6			UW Deep: 2576.6			Time: 1230		Type		SID
Lee Co Environmental Lab: Keith Kibbey or Mishel Mullan (239) 533-8600			FWC: Sarah Erickson or Tony Yard (941) 613-0945			Air: 2125.9		FLO		
FDEP: Kirby Wolfe (239) 470-0873								Page 5 of 5		