

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 Reistadt/Chris Hormuth

Sample Collector Signature:

Analyses Required

Relinquished By: (signature)	Date	Time	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: 1.8°C

Preservatives (see codes)

NP	NPF	S	S	NP	ST
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Collection Date	Time	Sample Description & Location	Matrix (see codes)	# of Sample Containers Submitted						Lab ID #
12/09/20	1025	CRNEP_RS #386	SWE	1	1	1	1	2	1	AE68118
		CRNEP_RSBOT #386 Bottom DID NOT SAMPLE	SWE	1	1	1	1	2	1	AE68119
12/09/20	1235	CRNEP_RS #443	SWE	1	1	1	1	2	1	AE68120
12/09/20	1100	CRNEP_RS #393	SWE	1	1	1	1	2	1	AE68121
12/09/20	1155	CRNEP_RS #429	SWE	1	1	1	1	2	1	AE68122
12/09/20	0945	CRNEP_RS #392	SWE	1	1	1	1	2	1	AE68123
12/09/20	1300	CRNEP_EQ #	SWE	1	1	1	1	2	1	AE68124

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: 12/09/2020	Site#: 392	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 0945	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: 26.53560583		Lat: 26.53545		Wind dir/spd: N/7 mph or knots (circle)							
Long: -81.99943473		Long: -81.99946		Wave ht: 0.1 ft m (Circle)							
Samplers/FDEP: NR KW GS JB CC MC CH			Cld cover (%): 0		Hazy		Clear				
Sampler Signature: [Signature]			Tide Level: LS LR LF		L=Low; M=Mid; H=High		Fog Rain				
			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
2.8	0.8	0.7	0.75	0945	0.5	17.6	6918	3.81	8.57	91.8	7.90
BOTTOM TYPE: seagrass mud sand hard bottom UNK				0946	1	17.6	7101	3.92	8.53	91.4	7.91
PAR Data: (umol/m²/s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	0948	2	18.19.0	14999	8.79	7.89	89.1	7.85
Depth (m)	Deck	0.5 m	1.0 m	0949	3						
Reading:	1031.7	835.22	476.95		4						
Time: 0942					5						
Depth (m)	Deck	0.5 m	1.0 m		6						
Reading:					7						
Time: 0943	1251.4	15.780	6.2530	0949	Bottom Depth 2.3	19	18,111	10.74	7.42	86.4	7.80
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: 0940											
UW Shallow: 2064.5 UW Deep: 1953.6 Air: 1972.9											
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 CALOOSA HATCHEE DATA SHEET

Site Storet Code:

Date: <u>11/24/2020</u> ^{NR}	Site# <u>386</u>	Region: <u>1 2</u>	Blank Time:	Blank Storet Code:							
Time: <u>1025</u> ^{12/09/2020}	Sonde: <u>SNEK</u>	<u>3 4 5</u>	DUP Time:	Duplicate Storet Code:							
Collecting Agency: <u>FDEP</u>			Bottom Time:	Bottom Storet Code:							
GPS Selected:		GPS Actual:		Weather Conditions:							
Lat: <u>26.52555617</u>		Lat: <u>26.52545</u>		Wind dir/spd: <u>N/5</u> ^{mph} or knots (circle)							
Long: <u>-81.98428657</u>		Long: <u>-81.98427</u>		Wave ht: <u>0.15</u> ^{ft} <u>m</u> (Circle)							
Samplers/FDEP: <u>NR</u> <u>KW</u> <u>GS</u> <u>JB</u> <u>CC</u> <u>MC</u> <u>CH</u>			Cld cover (%): <u>NR</u> <u>5</u> Hazy <u>Clear</u> Fog Rain								
Sampler Signature: <u>[Signature]</u>			Tide Level: LS LR LF L=Low; M=Mid, H=High								
			MR MF HR <u>HS</u> 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	
<u>2.6</u>	<u>0.7</u>	<u>0.7</u>	<u>0.7</u>	Time: <u>1025</u>	<u>0.5</u>	<u>17.4</u>	<u>3888</u>	<u>2.07</u>	<u>8.97</u>	<u>94.7</u>	
BOTTOM TYPE: <u>seagrass</u> <u>mud</u> <u>sand</u> <u>hard bottom</u> <u>UNK</u>				<u>1026</u>	<u>1</u>	<u>17.5</u>	<u>6000</u>	<u>3.28</u>	<u>8.85</u>	<u>92.1</u>	
PAR Data: (umol/m²/s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	<u>1027</u>	<u>2</u>	<u>17.5</u>	<u>6684</u>	<u>3.68</u>	<u>8.61</u>	<u>92.1</u>	
Depth (m)	Deck	0.5 m	1.0 m		<u>3</u>						
Reading:	<u>1403.0</u>	<u>181.47</u>	<u>38.203</u>		<u>4</u>						
Time: <u>1020</u>					<u>5</u>						
Depth (m)	Deck	0.5 m	1.0 m		<u>6</u>						
Reading:					<u>7</u>						
Time: <u>1022</u>	<u>1371.9</u>	<u>10.248</u>	<u>2.6697</u>	<u>1028</u>	Bottom Depth <u>2.1</u>	<u>17.5</u>	<u>6777</u>	<u>3.73</u>	<u>8.60</u>	<u>92.0</u>	
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: 11/24/2020	Site# 429	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:		
Lat: 26.61902418	Lat: 26.61907	Weather Conditions:		
Long: -81.89647363	Long: -81.89656	Wind dir/spd: N/5 mph or knots (circle)		
Samplers/FDEP: NR KW GS JB CC MC CH		Wave ht: 0.1 ft m (Circle)		
Sampler Signature: [Signature]		Cld cover (%): 0 Hazy Clear Fog Rain		
		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	
2.7	0.6	0.5	0.55	
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: 1200	1344.5	125.56	24.185	
Depth (m)	Deck	1.5 0.5 m	2.0 1.0 m	
Reading:				
Time: 1201	1319.4	6.9078	3.1593	
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:				
UW Shallow: UW Deep: Air:				

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: <u>11/24/2020</u>	Site# <u>443</u>	Region: <u>1 2</u>	Blank Time: <u>1300</u>	Blank Storet Code:							
Time: <u>1235</u> <u>12/09/2020</u>	Sonde: <u>SNEK</u>	<u>3 4 5</u>	DUP Time:	Duplicate Storet Code:							
Collecting Agency: <u>FDEP</u>			Bottom Time:	Bottom Storet Code:							
GPS Selected:		GPS Actual:		Weather Conditions:							
Lat: <u>26.66424654</u>		Lat: <u>26.66420</u>		Wind dir/spd: <u>N/5</u> mph or knots (circle)							
Long: <u>-81.86481019</u>		Long: <u>-81.86478</u>		Wave ht: <u>0.1</u> ft m (Circle)							
Samplers/FDEP: <u>NR KW GS JB CC MC CH</u>		Cld cover (%): <u>0</u>		Hazy Clear Fog Rain							
Sampler Signature: <u>[Signature]</u>		Tide Level: <u>LS</u> <u>LR</u> <u>LF</u>		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	
<u>1.9</u>	<u>1.0</u>	<u>1.0</u>	<u>1.0</u>	Time: <u>1235</u>	<u>0.5</u>	<u>18.1</u>	<u>378.2</u>	<u>0.18</u>	<u>8.37</u>	<u>88.7</u>	<u>7.75</u>
BOTTOM TYPE: <u>seagrass mud</u> sand hard bottom UNK				<u>1236</u>	<u>1</u>	<u>18.0</u>	<u>379.2</u>	<u>0.18</u>	<u>8.35</u>	<u>88.5</u>	<u>7.73</u>
PAR Data: (umol/m²/s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	<u>1237</u>	<u>2</u>	<u>18</u>					
Depth (m)	Deck	0.5 m	1.0 m		<u>3</u>						
Reading:					<u>4</u>						
Time: <u>1239</u>	<u>1571.7</u>	<u>153.22</u>	<u>46.670</u>		<u>5</u>						
Depth (m)	Deck	0.5 m	1.0 m		<u>6</u>						
Reading:				<u>1237</u>	Bottom Depth <u>1.4</u>	<u>18.0</u>	<u>378.5</u>	<u>0.18</u>	<u>8.33</u>	<u>88.0</u>	<u>7.74</u>
Time:				<u>1300</u>	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: <u>1250</u>				Type	SID		
UW Shallow: <u>2321.7</u> UW Deep: <u>2270.7</u> Air: <u>2035.8</u>								FLO			

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