

CEL

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

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Report/Result Information

Billing/Invoice Information

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

Name: DNRM
RE: CCHMN-Tidal Caloosa

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:

Relinquished By: (signature)

Date

Time

Received By: (signature)

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: 3.7°C

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

\$Chloroa, _prep

O-PO4, Color, NOX

TOC

NH3, TKN, TN,
T-PO4, NO3, ONIT

Turb, NO2, TSS, Silica,
Bod, Bodi

Mug2QT, Entero

Preservatives (see codes)

NP

NPF

S

S

NP

ST

Collection

Date Time Sample Description & Location

Matrix
(see codes)

of Sample Containers Submitted

Lab ID #

10/21/20	0955	CRNEP_RS #326x	SWE	1	1	1	1	2	1	AE64790
10/21/20	1240	CRNEP_RS #449	SWE	1	1	1	1	2	1	AE64791
10/21/20	1100	CRNEP_RS #412	SWE	1	1	1	1	2	1	AE64792
10/21/20	1120	CRNEP_RSBOT #412 Bottom	SWE	1	1	1	1	2	1	AE64793
10/21/20	1145	CRNEP_RS #424	SWE	1	1	1	1	2	1	AE64794
10/21/20	1200	CRNEP_RSBOT #424 Bottom	SWE	1	1	1	1	2	1	AE64795
10/21/20	1300	CRNEP_RS #455	SWE	1	1	1	1	2	1	AE64796
10/21/20	1400	CRNEP_EQ #	SWE	1	1	1	1	2	1	AE64797

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: 10/21/2020	Site# 326X	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 0955	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: 26.51699485		Lat: 26.51719		Wind dir/spd: E/12 mph or knots (circle)							
Long: -82.01479037		Long: -82.01522		Wave ht: 0.2 ft (m) (Circle)							
Samplers/FDEP: NR KW GS JB CC MC CH				Cld cover (%): 80 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
1.5	0.9	0.9	0.9	0955	0.5	25.8	20840	12.45	6.69	88.1	7.91
BOTTOM TYPE: seagrass mud sand hard bottom UNK				0956	1	25.8	20770	12.41	6.70	88.1	7.92
PAR Data: (umol/m²/s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor		2						
					3						
Depth (m)	Deck	0.5 m	1.0 m		4						
Reading:	709.99	160.22	30.773		5						
Time:					6						
Depth (m)	Deck	0.5 m	1.0 m		7						
Reading:					Bottom Depth						
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: 0954				Type	SID		
UW Shallow: 2107.1 UW Deep: 2006.8				Air: 1880.7				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: 10/21/2020	Site# 412	Region: 1 2	Blank Time: NR	Blank Storet Code:			
Time: 1100	Sonde: SNEK	3 4 5	DUP Time:	Duplicate Storet Code:			
Collecting Agency: FDEP			X Bottom Time: 1120	Bottom Storet Code:			
GPS Selected:		GPS Actual:		Weather Conditions:			
Lat: 26.57382647	Lat: 26.57388			Wind dir/spd: E/12	mph or knots (circle)		
Long: -81.91925614	Long: -81.91932			Wave ht: NR 0.25	ft (m) (Circle)		
Samplers/FDEP: NR KW GS JB CC MC CH				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)	pH
4.2	0.7	0.7	0.7	1100	0.5	26.1	8.08
				1101	1	26.1	8.05
				1102	2	26.1	8.03
				1103	3	26.1	7.97
					4		
					5		
					6		
					7		
Depth (m)	Deck	0.5 m	1.0 m	1120	Bottom Depth 3.7	26.4	7.77
Reading:	793.58	81.921	4.7553		Blank		
Time: 1106							
Depth (m)	Deck	0.5 m	1.0 m				
Reading:							
Time: 1107	755.15	3.6455	0.61934				
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: 10/21/2020	Site# 424	Region: 1 2	Blank Time:		Blank Storet Code:						
Time: 10/21/2020 1145	Sonde: SNEK	3 4 5	DUP Time:		Duplicate Storet Code:						
Collecting Agency: FDEP			X Bottom Time: 1200		Bottom Storet Code:						
GPS Selected:		GPS Actual:		Weather Conditions:							
Lat: 26.60511088		Lat: 26.60512		Wind dir/spd: E/12 mph or knots (circle)							
Long: -81.8980206		Long: -81.89820		Wave ht: 0.15 ft (m (Circle))							
Samplers/FDEP: NR KW GS JB CC MC CH				Cld cover (%): 80							
				Hazy (circle) Clear (circle) 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
4.0	0.5	0.4	0.45	1145	0.5	26.1	650	0.31	7.41	91.7	8.07
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1146	1	26.1	547	0.26	7.41	91.6	8.06
PAR Data: (umol/m²/s)				1147	2	26.1	527	0.25	7.41	91.6	8.05
Air Sensor				1148	3	26.1	509	0.24	7.40	91.5	8.04
Shallow In-Water Sensor					4						
Deep In-Water Sensor					5						
Depth (m)					6						
Deck					7						
0.5 m				1200	Bottom Depth 3.5	26.1	637	0.31	7.39	91.3	8.04
1.0 m					Blank						
Reading:				Additional Comments & Observations:							
Time: 1150											
2021.2											
168.75											
11.910											
Depth (m)											
Deck											
0.5 m											
1.0 m											
Reading:											
Time: 1152											
2018.4											
53.620											
4.0299											
Depth (m)											
Deck											
0.5 m											
1.0 m											
Reading:											
Time:											
Pre/Post PAR readings; (Only on 1st & last sample of trip)					Time:			Type		SID	
W Shallow:					Air:			FLO			
UW Deep:											
See Co Environmental Lab: Keith Kibbey or Michael Muller (202) 522-2222											

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: 10/21/2020	Site# 449	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: NR 1235 1240	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: 26.6704394		Lat: 26.67044		Wind dir/spd: E/10 mph or knots (circle)							
Long: -81.84433361		Long: -81.84435		Wave ht: 0.15 ft (m (circle))							
Samplers/FDEP: NR KW GS JB CC MC CH		Cld cover (%): 85		Hazy		Clear					
		Tide Level: LS LR LF		L=Low; M=Mid, H=High		Fog Rain					
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
2.2	0.5	0.4	0.45	1240	0.5	27.3	348.2	0.16	5.28	66.6	7.47
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1241	1	27.3	348.2	0.16	5.26	66.4	7.45
PAR Data: (umol/m²/s)				1242	1.7	27.3	348.1	0.16	5.23	66.0	7.46
Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor			3						
Depth (m)	Deck	0.5 m	1.0 m		4						
Reading:	1044.0	21.481	2.8072		5						
Time: 1243					6						
Depth (m)	Deck	0.5 m	1.0 m		7						
Reading:					Bottom Depth 1.7						
Time: 1244	1068.2	0.61430	6.078952		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			

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: 10/21/2020	Site# 455	Region: 1 2	Blank Time: 1400	Blank Storet Code:							
Time: 1306	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: 26.69797426		Lat: 26.69789		Wind dir/spd: E/5 mph or knots (circle)							
Long: -81.80126451		Long: -81.80125		Wave ht: 0.05 ft m (Circle)							
Samplers/FDEP: NR KW GS JB CC MC CH		Cld cover (%): 100		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	
1.8	0.5	0.4	0.45	Time: 1300	0.5	26.8	347.9	0.16	4.23	53.0	7.40
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1301	1	26.8	347.9	0.16	4.11	51.5	7.31
PAR Data: (umol/m²/s)				1302	2 1.3	26.8	348.0	0.16	4.08	51.0	7.30
Air Sensor				3							
Shallow In-Water Sensor				4							
Deep In-Water Sensor				5							
Depth (m)	Deck	0.5 m	1.0 m	6							
Reading:	928.93	24.323	1.6140	7							
Time: 1303				Bottom Depth							
Depth (m)	Deck	0.5 m	1.0 m	1400	Blank						
Reading:				Additional Comments & Observations:							
Time:											
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time: 1306					Type	SID	
UW Shallow: 97.1041295				UW Deep: 1207.9					FLO		
				Air: 920.12							

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

NR 764.29

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