

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

Page 1 of 1

Report/Result Information

Billing/Invoice Information

Name: FDEP - South
ATTN: Kirby Wolfe *Nicole Berstad*
Address: 2295 Victoria Ave, Suite 364
PO Box 2549
Ft Myers FL 33901
Phone: (239) 344-5719

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

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

Sample Collector(s) (please print):
Nicole Reistad/Monica Jaeger

Sample Collector Signature:

Relinquished By: (signature)

Date

Time

Received By: (signature)

Date

Time

Received By: (signature)

Relinquished By: (signature)

Date

Time

Received By: (signature)

Analyses Required

\$Chloroa, _prep

O-PO4, Color, NOX

TOC

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

Turb, NO2, TSS, Silica,
Bod, Bodi

MugQT, Entero

Preservatives (see codes)

NP

NPF

S

S

NP

ST

Sample(s) on ice ☒ Yes or ☐ No?

Temperature °C: 4.0°C

Collection

Time

Sample Description & Location

Matrix
(see codes)

of Sample Containers Submitted

Lab ID #

Collection	Time	Sample Description & Location	Matrix (see codes)	NP	NPF	S	S	NP	ST	Lab ID #
11/16/2022	0950	CRNEP_RS #418	SWE	1	1	1	1	2	1	AF42276
11/16/2022	1125	CRNEP_RS #448	SWE	1	1	1	1	2	1	AF42277
11/16/2022	1015	CRNEP_RS #417	SWE	1	1	1	1	2	1	AF42278
11/16/2022	1040	CRNEP_RS #435	SWE	1	1	1	1	2	1	AF42279
11/16/2022	0920	CRNEP_RS #404	SWE	1	1	1	1	2	1	AF42280
11/16/2022	1235	CRNEP_EQ # 448	SWE	1	1	1	1	2	1	AF42281
11/16/2022										
11/16/2022										
11/16/2022										
11/16/2022										

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 WIN Code:

Date: 11/16/2022	Site# 404	Region: 1 2	Blank Time:	Blank WIN Code:						
Time: 0920	Sonde: FRIDAY	3 4 5	DUP Time:	Duplicate WIN Code:						
Collecting Agency: FDEP			Bottom Time:	Bottom WIN Code:						
GPS Selected:		GPS Actual:		Weather Conditions:						
Lat: 26.5552275		Lat: 26.55509		Wind dir/spd: SW / 5 mph or knots (circle)						
Long: -81.92701883		Long: -81.92707		Wave ht: 0.1 ft m (Circle)						
Samplers/FDEP: NR KW MJ WM TB GS JB			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	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
2.5	1.1	1.0	1.05	0.5	25.7	15917	9.29	6.89	89.1	7.85
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: 0926	507.45	124.05	46.972	Bottom Depth 2.0	25.8	21923	13.15	5.91	78.2	7.73
Depth (m)	Deck	1.5 m	2.0 m	Blank						
Reading:				Additional Comments & Observations:						
Time: 0927	775.78	46.077	19.340							
Depth (m)	Deck	m	m							
Reading:										
Time:										
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time: 0924				Type	SID	
Air: 2194.3				UW Shallow: 2033.7				FLO		
				UW Deep: 1950.2						

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: <u>11/16/2022</u>	Site# <u>418</u>	Region: 1 2	Blank Time:	Blank Storet Code:																																																																													
Time: <u>0950</u>	Sonde: <u>FRIDAY</u>	3 4 5	DUP Time:	Duplicate Storet Code:																																																																													
Collecting Agency: <u>FDEP</u>			Bottom Time:	Bottom Storet Code:																																																																													
GPS Selected:		GPS Actual:																																																																															
Lat: <u>26.59428842</u>	Lat: <u>26.59443</u>	Weather Conditions:																																																																															
Long: <u>-81.91509994</u>	Long: <u>-81.91507</u>	Wind dir/spd: <u>SW15</u> mph or knots (circle)																																																																															
Samplers/FDEP: <u>NR KW MJ WM JB GS TB</u>		Wave ht: <u>0.1</u> ft (m (Circle))																																																																															
Sampler Signature: <u>[Signature]</u>		Cld cover (%): <u>40</u> Hazy <u>Clear</u> Fog Rain																																																																															
Water Depth & Secchi:		Tide Level: LS LR LF L=Low; M=Mid, H=High																																																																															
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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site WIN Code:

Date: 11/16/2022	Site# 417	Region: 1 2	Blank Time:	Blank WIN Code:							
Time: 1015	Sonde: FRIDAY	3 4 5	DUP Time:	Duplicate WIN Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom WIN Code:							
GPS Selected:		GPS Actual:		Weather Conditions:							
Lat: 26.59635597		Lat: 26.59632		Wind dir/spd: SW15 mph or knots (circle)							
Long: -81.91993609		Long: -81.91988		Wave ht: 0.2 ft m (Circle)							
Samplers/FDEP: NR KW MJ WM TB GS JB			Cld cover (%): 40		Hazy		Clear		Fog	Rain	
Sampler Signature: [Signature]			Tide Level: LS LR LF		L=Low; M=Mid, H=High		S=Slack, R=Rising, F=Falling				
Water Depth & Secchi:			MR MF HR HS HF								
Total Depth/m	Disappearance Depth/m	Reappearance Depth/m	Secchi Average/m	Water Data: (0.01)							
1.5	1.2	1.1	1.15	Time:	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
				1015	0.5	25.6	8080	4.47	7.56	94.9	8.02
BOTTOM TYPE: seagrass mud sand hard bottom UNK					1					94.9 NR	
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: 1018		1248.3	254.13	125.10		5					
Depth (m)		Deck	m	m		6					
Reading:					1016	Bottom Depth 1.0	25.6	9095	5.08	6.85	86.2
Time:						Blank					7.93
Depth (m)		Deck	m	m	Additional Comments & Observations:						
Reading:											
Time:											
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time:					Type	SID	
Air: UW Shallow: UW Deep:									FLO		

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FDEP: Kirby Wolfe (239) 470-0873

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 11/16/2022	Site# 435	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 1040	Sonde: FRIDAY	3 4 5	DUP Time:	Duplicate Storet Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:							
GPS Selected:		GPS Actual:		Weather Conditions:							
Lat: 26.64183137		Lat: 26.64199		Wind dir/spd: SW/6 mph or knots (circle)							
Long: -81.898169		Long: -81.89811		Wave ht: 0.2 ft (m) (Circle)							
Samplers/FDEP: NR KW MJ WM JB GS TB			Cld cover (%): 30		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
2.3	0.9	0.8	0.85	1040	0.5	26.0	449.3	2.39	7.42	92.7	8.05
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: 1045	1441.5	241.35	97.741								
Depth (m)	Deck	1.3-0.5 m	1.8-4.0 m								
Reading:											
Time: 1047	1512.2	76.981	27.159								
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		
UW Shallow:		UW Deep:		Air:				FLO			

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site WIN Code:

Date: 11/16/2022	Site# 448	Region: 1 2	Blank Time: 1235	Blank WIN Code:							
Time: 1125	Sonde: FRIDAY	3 4 5	DUP Time:	Duplicate WIN Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom WIN Code:							
GPS Selected:	GPS Actual:		Weather Conditions:								
Lat: 26.67970739	Lat: 26.67982		Wind dir/spd: SW 17 mph or knots (circle)								
Long: -81.85126904	Long: -81.85112		Wave ht: 0.2 ft m (Circle)								
Samplers/FDEP: NR KW MJ WM TB GS JB			Cld cover (%): 25 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	0.8	0.7	0.75	Time: 1125	0.5	26.6	1023	0.50	6.62	82.8	7.98
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: 1129	1562.7	422.04	106.78	6							
Depth (m)	Deck	m	m	7							
Reading:				1127	Bottom Depth 1.3	26.2	1786	0.90	5.65	70.2	7.61
Time: [Signature]				Blank							
Depth (m)	Deck	m	m	Additional Comments & Observations:							
Reading:											
Time:											
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time: 1131				Type	SID		
Air: 2037.8	UW Shallow: 2493.4	UW Deep: 2306.9						FLO			

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Site Storet Code:

Date:	Site#	Region: 1 2	Blank Time:	Blank Storet Code:						
Time:	Sonde:	3 4 5	DUP Time:	Duplicate Storet Code:						
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:						
GPS Selected:	GPS Actual:		Weather Conditions:							
Lat:	Lat:		Wind dir/spd: mph or knots (circle)							
Long:	Long:		Wave ht: ft m (Circle)							
Samplers/FDEP: NR KW MJ WM JB GS TB			Cld cover (%): Hazy Clear Fog Rain							
			Tide Level: LS LR LF L=Low; M=Mid, H=High							
Sampler 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	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
				Time:						
BOTTOM TYPE: seagrass mud sand hard bottom UNK				0.5						
PAR Data: (umol/m ² /s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	1						
Depth (m)	Deck	0.5 m	1.0 m	2						
Reading:				3						
Time:				4						
Depth (m)	Deck	0.5 m	1.0 m	5						
Reading:				6						
Time:				7						
Depth (m)	Deck	0.5 m	1.0 m	Bottom Depth						
Reading:				Blank						
Time:				Additional Comments & Observations:						
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time:				Type	SID	
UW Shallow: UW Deep:				Air:				FLO		

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