

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	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 william.mullen@FloridaDEP.gov	Address: 1500 Monroe St Ft Myers, FL 33901		
Phone: (239) 344-5719	Phone: (239) 533-8109		

Sample Collector(s) (please print): William Mullen Nicole Reistad/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, Bod	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: 3.6°C	NP	NPF	S	S	NP	ST
--	-----------	------------	----------	----------	-----------	-----------

Collection		Sample Description & Location	Matrix (see codes)	# of Sample Containers Submitted						Lab ID #
Date	Time									
04/28/21	1125	CRNEP_RS #424	SWE	1	1	1	1	2	1	AE84017
04/28/21	1015	CRNEP_RS #388	SWE	1	1	1	1	2	1	AE84018
04/28/21	1055	CRNEP_RS #412	SWE	1	1	1	1	2	1	AE84019
04/28/21	0945	CRNEP_RS #387	SWE	1	1	1	1	2	1	AE84020
		CRNEP_RSBOT #387 Bottom	SWE	1	1	1	1	2	1	AE84021
04/28/21	1210	CRNEP_RS #448	SWE	1	1	1	1	2	1	AE84022
04/28/21	1310	CRNEP_EQ #	SWE	1	1	1	1	2	1	AE84023

**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: 04/28/2021	Site# 387	Region: 1 2	Blank Time:	Blank Storet Code:						
Time: 0945	Sonde: SNEC	3 4 5	DUP Time:	Duplicate Storet Code:						
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:						
GPS Selected:		GPS Actual:		Weather Conditions:						
Lat: 26.52808848		Lat: 26.5285465		Wind dir/spd: E/10 mph or knots (circle)						
Long: -81.96809961		Long: -81.9674945		Wave ht: 0.3 ft m (Circle)						
Samplers/FDEP: NR KW CH GS JB WM				Cld cover (%): 0 Hazy Clear Fog Rain						
Sampler Signature: [Signature]				Tide Level: LS LR MR MF HR HS HF L=Low; M=Mid, H=High						
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 (°/oo)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
2.8	1.3	1.3	1.3	0.5	26.3	28490	17.53	6.58	89.9	7.84
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1	26.3	28916	17.81	6.57	89.9	7.87
PAR Data: (umol/m²/s)				2	26.5	34678	21.76	6.24	87.6	7.86
Air Sensor				3		35 NR	22.48 NR			7.89 NR
Shallow In-Water Sensor				4						
Deep In-Water Sensor				5						
Depth (m)	Deck	0.5 m	1.0 m	6						
Reading:				7						
Time: 0946	1328.6	613.18	414.45	0948	Bottom Depth 2.3	26.5	35714	22.48	6.12	86.3
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: 0942				Type	SID	
UW Shallow: 1940.8				UW Deep: 1980.9				FLO		
				Air: 1919.8						

Lee Co Environmental Lab: Keith Kibbey or Mishel Mullan (239) 533-8600

Page 1 of 5

FWC: Sarah Erickson or Tony Yard (941) 613-0945

FDEP: Kirby Wolfe (239) 470-0873

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 04/28/2021	Site# 388	Region: 1 2	Blank Time:	Blank Storet Code:
Time: 1015	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: 26.52486573	Lat: 26.5247983	Wind dir/spd: E/8	mph or knots (circle)	
Long: -81.95922988	Long: -81.9592628	Wave ht: 0.2	ft (m (Circle))	
Samplers/FDEP: (NR) KW (CH) GS JB (WM)		Cld cover (%): 0	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	
0.6	0.6	0.6	0.6 "S"	
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: 1016	1441.6	647.22	466.32	
Depth (m)	Deck	0.5 m	1.0 m	
Reading:				
Time:				
Depth (m)	Deck	0.5 m	1.0 m	
Reading:				
Time:				
Additional Comments & Observations: sand substrate with some small rocks; seagrass bed nearby				
Pre/Post PAR readings; (Only on 1st & last sample of trip)				
Time: 1016 NR				
UW Shallow: 647.22 NR UW Deep: 466.32 NR Air: 1441.6 NR				
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

Page 2 of 5

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 04/28/2021	Site# 412	Region: 1 2	Blank Time:	Blank Storet Code:
Time: 04/28/2021 1055	Sonde: SNEK	3 4 5	DUP Time:	Duplicate Storet Code:
Collecting Agency: FDEP ^{NR}			Bottom Time:	Bottom Storet Code:
GPS Selected:	GPS Actual:	Weather Conditions:		
Lat: 26.57914922	Lat: 26.5799745	Wind dir/spd: E/8 mph or knots (circle)		
Long: -81.9244891	Long: -81.9239203	Wave ht: 0.2 ft m (Circle)		
Samplers/FDEP: NR KW CH GS JB WM		Cld cover (%): 0 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)
1.9	1.3	1.2	1.25	Time: 1055
BOTTOM TYPE: seagrass mud sand hard bottom UNK				Sample Depth (m)
PAR Data: (umol/m ² /s)				Water Temp. (°C)
Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor		Conductivity (mS/cm)
Depth (m)	Deck	0.5 m	1.0 m	Salinity (‰)
Reading:				Dissolved Oxygen (mg/l)
Time: 1056	1615.6	516.03	301.51	Dissolved Oxygen (%)
Depth (m)	Deck	0.5 m	1.0 m	pH
Reading:				
Time:				
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)				Type
Time:				SID
UW Shallow:		UW Deep:		FLO
Air:				

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

Page 3 of 5

CCHMN TIDAL CALOOSA HATCHEE DATA SHEET

Site Storet Code:

Date: 04/28/2021	Site# 424	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 1125	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: 26.61037313	Lat: 26.6104427	Wind dir/spd: E/5 mph or knots (circle)									
Long: -81.8954834	Long: -81.8958788	Wave ht: 0.1 ft (m (Circle))									
Samplers/FDEP: NR KW CH GS JB WM		Cld cover (%): 5 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
3.5	1.0	0.9	0.95	1125	0.5	26.4	15010	8.71	7.16	93.4	7.91
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1126	1	26.3	15184	8.82	7.06	91.8	7.91
PAR Data: (umol/m²/s)				1127	2	26.5	15880	9.26	6.73	88.4	7.88
Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor		1128	3	26.6	16,669	9.77	6.55 _{NR}	86.3	7.87
Depth (m)	Deck	0.5 m	1.0 m		4						
Reading:					5						
Time: 1126	1772.8	653.55	178.98		6						
Depth (m)	Deck	1.5 m NR	2.0 m 1.0 m NR		7						
Reading:					Bottom Depth						
Time: 1127	1912.7	185.42	67.037		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:							

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

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 04/28/2021	Site# 448	Region: 1 2	Blank Time: 1310	Blank Storet Code:							
Time: 1210	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: 26.66966101		Lat: 26.6698597		Wind dir/spd: E/8 mph or knots (circle)							
Long: -81.86215615		Long: -81.8623612		Wave ht: 0.2 ft (m) (Circle)							
Samplers/FDEP: (NR) KW (CH) GS JB WM		Cld cover (%): 5		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 (°/oo)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH	
1.8	0.8	0.7	0.75	Time: 1210	0.5	26.6	242.7	1.24	7.48	93.8	7.97
BOTTOM TYPE: seagrass () mud () sand () hard bottom () UNK ()				1211	1	26.5	253.8	1.29	7.49	93.9	7.99
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: 1211	1938.7	340.51	87.061	5							
Depth (m)	Deck	0.5 m	1.0 m	6							
Reading:				7							
Time:				1212	Bottom Depth 1.3	26.2	256.2	1.32	7.11 ^{NK}	88.6	7.95
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: 1215											
UW Shallow: 2835.4 UW Deep: 2796.1 Air: 2065.6											
Type FLO SID											

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

Page 5 of 5