

Lab Certification: E45049
LCEL F COC 20150828R1

LCEL does not accept any samples used for evidentiary purposes

Page 1 of 1

Report/Result Information

Billing/Invoice Information

Name: FDEP - South	Name: DNR	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 <table border="1"> <tr> <td rowspan="4">\$Chloroa, _prep</td> <td rowspan="4">O-PO4, Color, NOX</td> <td rowspan="4">TOC</td> <td rowspan="4">NH3, TKN, TN, T-PO4, NO3, ONIT</td> <td rowspan="4">Turb, NO2, TSS, Silica, Bod, Bod</td> <td rowspan="4">Mug2QT, Entero</td> </tr> <tr></tr> <tr></tr> <tr></tr> </table>						\$Chloroa, _prep	O-PO4, Color, NOX	TOC	NH3, TKN, TN, T-PO4, NO3, ONIT	Turb, NO2, TSS, Silica, Bod, Bod	Mug2QT, Entero		
\$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 09/16/20	Time 1459	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:** 0.3°C

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 #
09/16/20	1035	CRNEP_RS #417	SWE	1	1	1	1	2	1	AE60597
09/16/20	1230	CRNEP_RS #449	SWE	1	1	1	1	2	1	AE60598
09/16/20	1110	CRNEP_RS #423	SWE	1	1	1	1	2	1	AE60599
09/16/20	0955	CRNEP_RS #395	SWE	1	1	1	1	2	1	AE60600
		CRNEP_RSBOT #395 Bottom DID NOT SAMPLE	SWE	1	1	1	1	2	1	AE60601
09/16/20	1155	CRNEP_RS #442	SWE	1	1	1	1	2	1	AE60602
		CRNEP_RSBOT #422 Bottom DID NOT SAMPLE	SWE	1	1	1	1	2	1	AE60603
09/16/20	1245	CRNEP_EQ # @449 ^{NR}	SWE	1	1	1	1	2	1	AE60604

**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: 09/16/2020	Site# 395	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 0955	Sonde: Pro Mova	3 4 5	DUP Time:	Duplicate Storet Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:							
GPS Selected:	GPS Actual:	Weather Conditions:									
Lat: 26.53945723	Lat: 26.53973	Wind dir/spd: SE/6 mph or knots (circle)									
Long: -81.937724672	Long: -81.93773	Wave ht: 0.1 ft (m) (Circle)									
Samplers/FDEP: NR KW GS JB CC MC CH		Cld cover (%): 10 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)							
2.6	0.7	0.6	0.65	Time:	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
				0955	0.5	27.7	7939	4.38	5.41	70.4	7.69
BOTTOM TYPE: seagrass mud sand hard bottom UNK				0956	1	27.7	8637	4.79	5.10	66.6	7.65
PAR Data: (umol/m²/s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	0957	2	27.8	9187	5.13	4.92	64.3	7.65
Depth (m)	Deck	0.5 m	1.0 m	0958	3 2.1	27.8	9481	5.29	4.73	61.9	7.64
Reading:					4						
Time: 0952	1505.6	137.58	46.672		5						
Depth (m)	Deck	1.5 0.5 m NR	2.0 1.0 m NR		6						
Reading:					7						
Time: 0953	1508.7	9.9183	3.5884		Bottom Depth						
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: 0951				Type	SID		
UW Shallow: 2018.7 UW Deep: 1995.9				Air: 1721.3				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 1 of 5

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Date: 09/16/2020				Site# 417		Region: 1 2		Blank Time:		Site Storet Code:															
Time: NR 104 1035				Sonde: Pro Mover		3 4 5		Blank Storet Code:																	
Collecting Agency: FDEP								DUP Time:		Duplicate Storet Code:															
GPS Selected:								Bottom Time:		Bottom Storet Code:															
GPS Actual:				GPS Actual:				Weather Conditions:																	
Lat: 26.5874345				Lat: 26.58751				Wind dir/spd: SE 18 mph or knots (circle)																	
Long: -81.924392261				Long: -81.92439				Wave ht: 0.3 ft m (Circle)																	
Samplers/FDEP: NR KW GS JB CC MC CH								Cld cover (%): NR 25 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)															
1.5				0.6		0.5		0.55																	
BOTTOM TYPE: seagrass mud sand hard bottom UNK								Time: 1035				Sample Depth (m)		Water Temp. (°C)		Conductivity (mS/cm)		Salinity (‰)		Dissolved Oxygen (mg/l)		Dissolved Oxygen (%)		pH	
								1036				0.5		27.5		2972		1.54		6.37		81.3		7.92	
												1		27.5		2963		1.53		6.35		81.0		7.91	
												2													
												3													
												4													
												5													
												6													
												7													
												Bottom Depth													
												Blank													
PAR Data: (umol/m²/s)								Air Sensor		Shallow In-Water Sensor		Deep In-Water Sensor		Additional Comments & Observations:											
Depth (m)								Deck		0.5 m		1.0 m													
Reading:																									
Time: 1032								1039.8		129.01		25.927													
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:						Type		SID									
UW Shallow:								UW Deep:						FLO											
Lee Co Environmental Lab: Keith Kibbey or Mishel Mullan (239) 533-8600								Air:																	
FWC: Sarah Erickson or Tony Yard (941) 613-0945																									
FDEP: Kirby Wolfe (239) 470-0873																									

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 09/16/2020	Site# 423	Region: 1 2	Blank Time:	Blank Storet Code:						
Time: 1110	Sonde: Pro Move	3 4 5	DUP Time:	Duplicate Storet Code:						
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:						
GPS Selected:	GPS Actual:		Weather Conditions:							
Lat: 26.6144629	Lat: 26.61462		Wind dir/spd: SE 18	mph or knots (circle)						
Long: -81.911240760	Long: -81.91135		Wave ht: 0.2	ft m (Circle)						
Samplers/FDEP: NR KW GS JB CC MC CH			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
1.3	0.7	0.6	0.65	0.5	27.5	2843	1.47	5.27	67.3	7.73
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: 1108	1775.3	193.70	76.955	6						
Depth (m)	Deck	0.5 m	1.0 m	7						
Reading:				Bottom Depth						
Time:				Blank						
Depth (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
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 FDEP: Kirby Wolfe (239) 470-0873

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Date: 09/16/2020				Site# 442		Region: 1 2		Blank Time:		Site Storet Code:	
Time: 1155				Sonde: PRO MOVE		3 4 5		Blank Storet Code:			
Collecting Agency: FDEP						DUP Time:		Duplicate Storet Code:			
GPS Selected:						Bottom Time:		Bottom Storet Code:			
Lat: 26.6581839		GPS Actual:		Lat: 26.65822		Weather Conditions:					
Long: -81.86949112		Long: -81.86958				Wind dir/spd: SE/7 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 (%): 65					
						Tide Level: LS LR LF					
						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								
2.3	0.7	0.7	0.7								
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: 1150	540.35	56.313	12.055								
Depth (m)	Deck	0.5 m	1.0 m								
Reading:											
Time: 1152	606.96	2.5232	0.86451								
Depth (m)	Deck	0.5 m	1.0 m								
Reading:											
Time:											
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time:							
UW Shallow:		UW Deep:		Air:				Type		SID	
								FLO			

Lee Co Environmental Lab: Keith Kibbey or Mishel Mullan (239) 533-8606
 FWC: Sarah Erickson or Tony Yard (941) 613-0945
 FDEP: Kirby Wolfe (239) 470-0873

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 09/16/2020	Site# 449	Region: 1 2	Blank Time: 1245	Blank Storet Code:							
Time: 1230	Sonde: Pro Max	3 4 5	DUP Time:	Duplicate Storet Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:							
GPS Selected:		GPS Actual:		Weather Conditions:							
Lat: 26.67462731		Lat: 26.67475		Wind dir/spd: SE/8 mph or knots (circle)							
Long: -81.841206631		Long: -81.84118		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: (0.04)									
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	1230	0.5	28.5	479.9	0.23	4.70	60.7	7.53
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1231	1	28.4	476.8	0.23	4.62	59.5	7.51
PAR Data: (umol/m²/s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	1232	NR 1.8	27.9	467.5	0.22	4.32	55.2	7.45
Depth (m)	Deck	0.5 m	1.0 m		3						
Reading:					4						
Time: 1226	1528.9	458.32	168.82		5						
Depth (m)	Deck	0.5 m	1.0 m		6						
Reading:					7						
Time: 1227	1533.5	86.386	34.442		Bottom Depth						
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: 1240											
UW Shallow: 3399.9 UW Deep: 3246.8 3266.6 Air: 2482.1											
										Type	SID
										FLO	

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

FDEP: Kirby Wolfe (239) 470-0873

Page 5 of 5