

LCEL

Lee County Environmental Laboratory
60-2 Danley Dr Ft Myers, FL 33907
Phone: (239) 533-8600

Analysis Request & Chain of Custody Record

Lab Certification: E45049
LCEL F COC 20150828R1

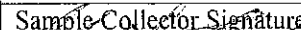
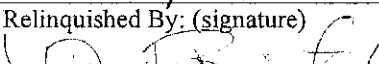
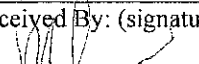
LCEL does not accept any samples used for evidentiary purposes

Report/Result Information

Billing/Invoice Information

Page 1 of 1

Name: FDEP - South ATTN: Kirby Wolfe Address: 2295 Victoria Ave, Suite 364 PO Box 2549 Ft Myers FL 33901 Phone: (239) 344-5719	Name: DNRM 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 Reistadt, Miranda Carroll		Sample Collector Signature: 		Analyses Required						
Relinquished By: (signature) 	Date 09/18/19	Time 14:52	Received By: (signature) 	\$Chloroa, _prep	O-P04, Color, NOX	TOC	NH3, TKN, TN, T-P04, 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)							
Preservatives (see codes)										

Sample(s) on ice ☒ Yes or ☐ No? Temperature °C: 1.72	NP	NPF	S	S	NP	ST
---	-----------	------------	----------	----------	-----------	-----------

Collection Date	Time	Sample Description & Location	Matrix (see codes)	# of Sample Containers Submitted						Lab ID #
09/18/19	1025	CRNEP_RS #326x	SWE	1	1	1	1	2	1	AE24303
09/18/19	1210	CRNEP_RS #435	SWE	1	1	1	1	2	1	AE24304
		CRNEP_RSBOT #435 Bottom	SWE	1	1	1	1	2	1	AE24305
09/18/19	1110	CRNEP_RS #393	SWE	1	1	1	1	2	1	AE24306
09/18/19	1300	CRNEP_RS #463	SWE	1	1	1	1	2	1	AE24307
09/18/19	1145	CRNEP_RS #396	SWE	1	1	1	1	2	1	AE24308
09/18/19	1315	CRNEP_EQ # @ 463	SWE	1	1	1	1	2	1	AE24309

**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: 09/18/2019	Site# 326X	Region: 1 2	Blank Time:	Blank Storet Code:						
Time: 1025	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: 26.52004509		Lat: 26.51992		Wind dir/spd: NE 15 mph or (knots) (circle)						
Long: -82.01270988		Long: -82.01254		Wave ht: 0.1 ft (m) (Circle)						
Samplers/FDEP: NR MD KW JB CC SC GS MC		Old cover (%): 10		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
1.2	1.2	1.2	1.2	0.5	29.5	29229	17.96	6.33	91.7	7.94
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:				Bottom Depth						
Depth (m)	Deck	0.5 m	1.0 m	Blank						
Reading:				Additional Comments & Observations: *LOOR charging issue*						
Time:										
Pre/Post PAR readings; (Only on 1st & last sample of trip)					Time:		Type		SID	
UW Shallow:					UW Deep:		Air:		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

Site Storet Code:

Date: 09/18/2019	Site# 393	Region: 1 2	Blank Time:	Blank Storet Code:
Time: 1110	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: 26.53943223	Lat: 26.53936	Wind dir/spd: NE/5 mph or knots (circle)		
Long: -81.96980912	Long: -81.96995	Wave ht: 0.2 ft m (Circle)		
Samplers/FDEP: (NR) MD KW JB CC GS (MC)		Cld cover (%): 20 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)
2.1	1.3	1.3	1.3	Time: 1110
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:				Dissolved Oxygen (%)
Depth (m)	Deck	0.5 m	1.0 m	pH
Reading:				
Time:				
Depth (m)	Deck	0.5 m	1.0 m	Additional Comments & Observations: *LICOR charging issue*
Reading:				
Time:				
Pre/Post PAR readings; (Only on 1st & last sample of trip)			Time:	Type
UW Shallow: UW Deep: Air:				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: 09/18/2019	Site# 396	Region: 1 2	Blank Time:	Blank Storet Code:						
Time: 1140	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: 26.54989616	Lat: 26.54962		Wind dir/spd: NE / 5 mph or knots (circle)							
Long: -81.93215508	Long: -81.93220		Wave ht: 0.2 ft (m) (Circle)							
Samplers/FDEP: NR MD KW JB CC SC GS MC			Cld cover (%): 40 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
1.6	1.0	0.9	0.95	0.5	30.0	15076	8.7	7.38	102.3	8.06
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:				Bottom Depth						
Depth (m)	Deck	0.5 m	1.0 m	Blank						
Reading:				Additional Comments & Observations: *LICOR charging issues*						
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

Page 3 of 5

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 09/18/2019	Site# 435	Region: 1 2	Blank Time:	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: 26.64563133	Lat: 26.64550		Wind dir/spd: NE/5 mph or knots (circle)								
Long: -81.8865569	Long: -81.88670 -81.88670		Wave ht: 0.5 ft (m (Circle))								
Samplers/FDEP: NR MD KW JB CC GS MC			Cld cover (%): 65 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)							
2.2	1.1	1.0	1.05	Time:	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
				1210	0.5	30.0	48402	2.55	6.91	92.7	8.12
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1211	1	29.7	5779	3.11	6.48	86.8	8.00
PAR Data: (umol/m²/s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	1212	1.7	29.8	8784	4.86	5.04	68.4	7.79
Depth (m)	Deck	0.5 m	1.0 m		3						
Reading:					4						
Time:					5						
Depth (m)	Deck	0.5 m	1.0 m		6						
Reading:					7						
Time:					Bottom Depth						
Depth (m)	Deck	0.5 m	1.0 m		Blank						
Additional Comments & Observations: *LICOR charging issues*											
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time:				Type	SID		
UW Shallow: UW Deep: Air:								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 4 of 5

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 09/18/2019	Site# 463	Region: 1 2	Blank Time: 1315	Blank Storet Code:							
Time: 1300	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: 26.71163072		Lat: 26.71154		Wind dir/spd: NE/5 mph or (knots) (circle)							
Long: -81.76875664		Long: -81.76880		Wave ht: 0.1 ft m (Circle)							
Samplers/FDEP: NR MD KW JB CC SC GS MC		Cld cover (%): 75		Hazy ☒ Clear ☐ Fog ☐ Rain ☐							
Sampler Signature: [Signature]		Tide Level: LS LR		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	
5.3	1.0	0.9	0.95	Time: 1300	0.5	31.5	510	0.24	5.17	70.3	7.83
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1301	1	31.2	506	0.24	4.97	58.67.3	7.64
PAR Data: (umol/m²/s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	1302	2	30.6	495	0.24	4.13	55.2	7.50
Depth (m)	Deck	0.5 m	1.0 m	1303	3	30.0	475	0.23	3.24	43.0	7.32
Reading:				1304	4	29.8	467	0.22	2.95	39.0	7.21
Time:				1305	5	29.8	466	0.22	2.86	37.7	7.15
Depth (m)	Deck	0.5 m	1.0 m		6						
Reading:					7						
Time:					Bottom Depth						
Depth (m)	Deck	0.5 m	1.0 m	1315	Blank	30.5	2	0.00	7.45	99.4	7.36
				Additional Comments & Observations: *YICOR charging issues*							
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time:				Type	SID		
UW Shallow:		UW Deep:		Air:				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 5 of 5