

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

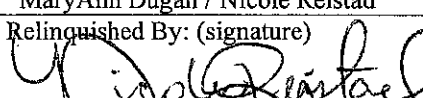
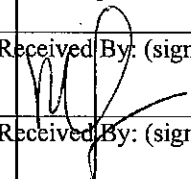
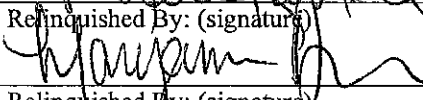
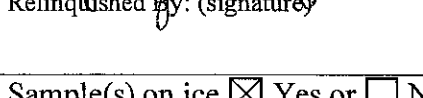
LCEL does not accept any samples used for evidentiary purposes

Report/Result Information

Billing/Invoice Information

Page 1 of 1

Name: FDEP - South	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	Address: 1500 Monroe St Ft Myers, FL 33901		
Phone: (239) 344-5719	Phone: (239) 533-8109		

Sample Collector(s) (please print): MaryAnn Dugan / Nicole Reistad		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, Bodl	Mug2QT, Entero		
	10/17/18	1458									
Relinquished By: (signature)	Date	Time	Received By: (signature)								
	10/17/18										
Relinquished By: (signature)	Date	Time	Received By: (signature)								
											

Sample(s) on ice ☒ Yes or ☐ No? Temperature °C: 4.0°C

Collection		Sample Description & Location	Matrix (see codes)	# of Sample Containers Submitted						Lab ID #
Date	Time			NP	NPF	S	S	NP	ST	
10/17/18	1135	CRNEP_RS #449	SWE	1	1	1	1	2	1	AD88735
10/17/18	1000	CRNEP_RS #413	SWE	1	1	1	1	2	1	AD88736
10/17/18	1200	CRNEP_RS #454	SWE	1	1	1	1	2	1	AD88737
10/17/18	1030	CRNEP_RS #423	SWE	1	1	1	1	2	1	AD88738
10/17/18	1110	CRNEP_RS #443	SWE	1	1	1	1	2	1	AD88739
10/17/18	1215	CRNEP_EQ # BLANK	SWE	1	1	1	1	2	1	AD88740

**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: 10/17/2018	Site# CAL413	Region: 1 2	Blank Time:	Blank Storet Code:
Time: 1000	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: 26.58194701	Lat: 26.58213	Wind dir/spd: NE 15 mph or knots (circle)		
Long: -81.91293453	Long: -81.91319	Wave ht: 0.8 ft m (Circle)		
Samplers/FWC: SE TY		Cld cover (%): 40 Hazy (circle) Fog Rain		
Samplers/FDEP: NR MD KW GS SC JB CC		Tide Level: LS LR LF L=Low; M=Mid, H=High		
Sampler Signature: <i>Manyan Green</i>		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	
2.4	1.4	1.4	1.4	
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:				
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:				
Pre/Post PAR readings; (Only on 1st & last sample of trip)				
Time:				
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 1 of 5

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 10/17/2018	Site# CAL423	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 1030	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: 26.6085131	Lat: 26.60853	Wind dir/spd: NE/5 mph or knots (circle)									
Long: -81.90554718	Long: -81.90572	Wave ht: 0.5 ft m (Circle)									
Samplers/FWC: SE TY			Cld cover (%): 50	Hazy	Clear	Fog	Rain				
Samplers/FDEP: (NR) (MD) KW GS SC JB CC			Tide Level: LS LR LF	L=Low;	M=Mid;	H=High					
Sampler Signature: <i>Karyann Dugan</i>			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	1.3	1.3	1.3	0.5	28.2	5888	3.18	6.55	86	7.84	
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1							
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:				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:											
Pre/Post PAR readings; (Only on 1st & last sample of trip)											
UW Shallow:				UW Deep:				Time:		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: 10/17/2018	Site# CAL443	Region: 1 2	Blank Time:	Blank Storet Code:
Time: 1110	Sonde: SN8K	3 4 5	DUP Time:	Duplicate Storet Code:
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:
GPS Selected:	GPS Actual:	Weather Conditions:		
Lat: 26.6562293	Lat: 26.65623	Wind dir/spd: N/E 12 mph or knots (circle)		
Long: -81.85969557	Long: -81.85970	Wave ht: 0.8 ft m (Circle)		
Samplers/FWC: SE TY		Cld cover (%): 60 Hazy Clear Fog Rain		
Samplers/FDEP: (NR) (MD) KW GS SC JB CC		Tide Level: LS LR LF L=Low, M=Mid, H=High		
Sampler Signature: Maryann Kruger		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	
2.0	1.2	1.1	1.15	
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:				
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:				
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) 533-8600
 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: 10/17/2018	Site# CAL449	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 1135	Sonde: 449 NR 3 4 5		DUP Time:	Duplicate Storet Code:							
Collecting Agency: FDEP	SNEK		Bottom Time:	Bottom Storet Code:							
GPS Selected:	GPS Actual:	Weather Conditions:									
Lat: 26.67654121	Lat: 26.67649	Wind dir/spd: NE / 5 mph or knots (circle)									
Long: -81.83948966	Long: -81.83965	Wave ht: 0.8 ft m (Circle)									
Samplers/FWC: SE TY		Cld cover (%): 75 Hazy ☐ Clear ☒ Fog ☐ Rain ☐									
Samplers/FDEP: NR MD KW GS SC JB CC		Tide Level: LS LR LF L=Low; M=Mid, H=High									
Sampler Signature: Maryann Suggs		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
2.1	1.2	1.1	1.15	1135	0.5	28.9	6743	3.67	7.23	96	7.74
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:											
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:											
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: 10/17/2018	Site# CAL454	Region: 1 2	Blank Time: 1215	Blank Storet Code:						
Time: 1200	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: 26.6892659	Lat: 26.68923	Wind dir/spd: N/E/3 mph or knots (circle)								
Long: -81.83226887	Long: -81.83251	Wave ht: 0.5 (ft) m (Circle)								
Samplers/FWC: SE TY			Cld cover (%): 75	Hazy	Clear	Fog	Rain			
Samplers/FDEP: BP CA CC KD RM VR (NR) (MD)			Tide Level: LS LR LF	L=Low	M=Mid	H=High				
Sampler Signature: <i>[Signature]</i>			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
2.2	1.3	1.2	1.25	0.5	29.5	2426	1.23	6.07	80	7.72
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1						
PAR Data: (umol/m ² /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:				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	1215	Blank	29.9	1	0.00	7.64	101
Reading:				Additional Comments & Observations:						
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 (289) 533-8600

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

FDEP: Kirby Wolfe (239) 470-0873

Page 5 of 5