

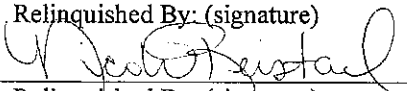
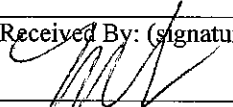
LCEL

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 Sample Collector(s) (please print): MaryAnn Dugan / Nicole Reistad				Name: DNR RE: CCHMN-Tidal Caloosa Address: 1500 Monroe St Ft Myers, FL 33901 Phone: (239) 533-8109 Sample Collector Signature:				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							
Relinquished By: (signature) 				Date 07/18/18		Time 1454		Received By: (signature) 				Analyses Required							
Relinquished By: (signature)				Date 07/18/18		Time		Received By: (signature)				\$Chloro, _prep							
Relinquished By: (signature)				Date		Time		Received By: (signature)				O-PO4, Color, NOX							
Relinquished By: (signature)				Date		Time		Received By: (signature)				TOC							
Relinquished By: (signature)				Date		Time		Received By: (signature)				NH3, TKN, TN, T-PO4, NO3, ONIT							
Relinquished By: (signature)				Date		Time		Received By: (signature)				Turb, NO2, TSS, Silica, Bod, Bodi							
Relinquished By: (signature)				Date		Time		Received By: (signature)				Mug2QT, Entero							
Sample(s) on ice ☒ Yes or ☐ No? Temperature °C: 22.2														Preservatives (see codes)					
														NP NPF S S NP ST					
Collection Date		Time		Sample Description & Location				Matrix (see codes)		# of Sample Containers Submitted						Lab ID #			
07/18/18		1245		CRNEP_RS #453				SWE		1 1 1 1 2 1						AD80956			
				CRNEP_RS #462 NOT SAMPLED				SWE		1 1 1 1 2 1						AD80957			
07/18/18		1215		CRNEP_RS #448				SWE		1 1 1 1 2 1						AD80958			
07/18/18		1140		CRNEP_RS #436				SWE		1 1 1 1 2 1						AD80959			
				CRNEP_RSBOT #436 Bottom NOT TAKEN				SWE		1 1 1 1 2 1						AD80960			
07/18/18		1025		CRNEP_RS #396				SWE		1 1 1 1 2 1						AD80961			
07/18/18		1400		CRNEP_EQ #				SWE		1 1 1 1 2 1						AD80962			

**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: 07/18/2018	Site# CAL396	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: 26.54359428	Lat: 26.54338		Wind dir/spd: SW / 5 (mph or knots (circle))								
Long: -81.93106733	Long: 81.93085		Wave ht: 1.0 (ft) m (Circle)								
Samplers/FWC: SE TY			Cld cover (%): 50 Hazy (circle) Clear (circle) Fog Rain								
Samplers/FDEP: (NR) (MD) KW GS SC JB CC			Tide Level: LS (circle) LF (circle) 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	
1.7	0.4	0.4	0.4	Time: 1025	0.5	31.1	895	886.44	5.16	70	7.09
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1026	1.2	31.1	954	886.50	4.94	67	7.00
PAR Data: (umol/m²/s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	Additional Comments & Observations: NP 2 3 4 5 6 7 1026 Bottom Depth 1.2 31.1 954 886.50 4.94 67 7.00 Blank							
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:											
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

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: 07/18/2018	Site# CAL436	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: 26.64647122	Lat: 26.64644	Wind dir/spd: SW / 5 mph or knots (circle)		
Long: -81.87228044	Long: -81.87231	Wave ht: 0.5 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 (LP) 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	
2.5	0.5	0.5	0.5	
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:				
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				

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Additional Comments & Observations:
Bottom not sampled = total depth < 3m

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 07/18/2018	Site# CAL448	Region: 1 2	Blank Time:	Blank Storet Code:						
Time: 1215	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: 26.67229175		Lat: 26.67299		Wind dir/spd: 8 SW/8 (mph) or knots (circle)						
Long: -81.86303469		Long: -81.86303		Wave ht: 0.5 (ft) m (Circle)						
Samplers/FWC: SE TY			Cld cover (%): 60 Hazy (circle) Clear (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:			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	0.6	0.6	0.6	0.5	32.0	439	0.21	5.14	70	7.11
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:						
Time:										
Pre/Post PAR readings: (Only on 1st & last sample of trip)				Time:				Type	SID	
UW Shallow:				UW Deep:				FLO		
Air:										

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 07/18/2018	Site# CAL453	Region: 1 2	Blank Time:	Blank Storet Code:			
Time: 1245	Sonde: SNOR	3 4 5	DUP Time:	Duplicate Storet Code:			
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:			
GPS Selected:		GPS Actual:		Weather Conditions:			
Lat: 26.6851537		Lat: 26.68503		Wind dir/spd: SW/5 mph or knots (circle)			
Long: -81.83490792		Long: -81.83496		Wave ht: 1.0 ft m (Circle)			
Samplers/FWC: SE TY			Cld cover (%): 70 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:			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)	pH
1.2	0.4	0.4	0.4	1245	0.5	32.1	6.93
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:							
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time:			
UW Shallow:		UW Deep:		Air:		Type	SID
						FLO	

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 07/18/2018	Site# CAL462	Region: 1 2	Blank Time:	Blank Storet Code:							
Time:	Sonde: SNER	3 4 5	DUP Time:	Duplicate Storet Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:							
GPS Selected:	GPS Actual:	Weather Conditions:									
Lat: 26.7043967	Lat: 26.	Wind dir/spd: mph or knots (circle)									
Long: -81.7874537	Long:	Wave ht: ft m (Circle)									
Samplers/FWC: SE TY			Cld cover (%): 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:			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	
				Time:							
BOTTOM TYPE: seagrass mud sand hard bottom UNK				0.5							
PAR Data: (umol/m ² /s)				1							
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:				not sampled - draw bridge down for maintenance							
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time:				Type	SID		
UW Shallow:				UW Deep:				Air:			
								FLO			

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