

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

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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		Address: 1500 Monroe St							
Ft Myers FL 33901		Ft Myers, FL 33901							
Phone: (239) 344-5719		Phone: (239) 533-8109		Analyses Required \$Chloro, _prep O-PO4, Color, NOX TOC NH3, TKN, TN, T-PO4, NO3, ONIT Turb, NO2, TSS, Silica, Bod, Bodi Mug2QT, Entero					
Sample Collector(s) (please print): MaryAnn Dugan / Nicole Reistad		Sample Collector Signature: 							
Relinquished By: (signature) 	Date: 12/11/2018	Time: 1450	Received By: (signature) 						
Relinquished By: (signature)	Date:	Time:	Received By: (signature)						
Relinquished By: (signature)	Date:	Time:	Received By: (signature)	Preservatives (see codes) NP NPF S S NP ST					
Sample(s) on ice ☒ Yes or ☐ No? Temperature °C: 0.3°C									
Collection Date Time	Sample Description & Location	Matrix (see codes)	# of Sample Containers Submitted						Lab ID #
12/11/18 1010	CRNEP_RS #387	SWE	1	1	1	1	2	1	AD94069
12/11/18 1245	CRNEP_RS #453	SWE	1	1	1	1	2	1	AD94070
12/11/18 1145	CRNEP_RS #418	SWE	1	1	1	1	2	1	AD94071
12/11/18 1120	CRNEP_RS #417	SWE	1	1	1	1	2	1	AD94072
12/11/18 1050	CRNEP_RS #404	SWE	1	1	1	1	2	1	AD94073
12/11/18 1305	CRNEP_EQ # BLANK	SWE	1	1	1	1	2	1	AD94074

**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: 12/11/2018	Site# 387	Region: 1 2	Blank Time:	Blank Storet Code:						
Time: 1010	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: 26.51979875	Lat: 26.51998	Wind dir/spd: N/W / 8 mph or knots (circle)								
Long: -81.96825294	Long: -81.96866	Wave ht: 0.2 ft (m) (Circle)								
Samplers/FDEP: (NR) (MD) KW JB CC SC GS		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: (0.01)						
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
0.7	0.7	0.7	0.7	0.5	18.3	30228	18.86	8.00	95.1	7.91
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)										
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

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Date: 12/11/2018				Site# 404		Region: 1 2		Blank Time:		Site Storet Code:	
Time: 1050				Sonde: PRO MOVE		3 4 5		DUP Time:		Blank Storet Code:	
Collecting Agency: FDEP								Bottom Time:		Duplicate Storet Code:	
GPS Selected:				GPS Actual:				Weather Conditions:			
Lat: 26.55031119				Lat: 26.55023				Wind dir/spd: NW / 10 mph or knots (circle)			
Long: -81.92759242				Long: -81.92762				Wave ht: 0.2 ft m (Circle)			
Samplers/FDEP: (NR) (MD) KW JB CC SC GS								Cld cover (%): 5 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)	
1.2				1.2		1.2		1.2		Time: 1050	
BOTTOM TYPE: seagrass mud sand hard bottom UNK				Sample Depth (m)		Water Temp. (°C)		Conductivity (mS/cm)		Salinity (‰)	
PAR Data: (umol/m²/s)				Air Sensor		Shallow In-Water Sensor		Deep In-Water Sensor		Dissolved Oxygen (mg/l)	
Depth (m)				Deck		0.5 m		1.0 m		Dissolved Oxygen (%)	
Reading:										pH	
Time:										8.14	
Depth (m)				Deck		0.5 m		1.0 m		96.7	
Reading:										8.16	
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	
UW Shallow: UW Deep:								Air:		SID	
										FLO	

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 12/11/2018	Site# 417	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 1120	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: 26.59158364	Lat: 26.59151	Wind dir/spd: N/W / 10 mph or knots (circle)									
Long: -81.92409435	Long: -81.92414	Wave ht: 0.3 ft (m) (Circle)									
Samplers/FDEP: NR MD KW JB CC SC GS			Cld 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	
1.35	1.35	1.35	1.35	Time: 1120	0.5	19.2	17467	10.33	8.42	96.8	8.14
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)				Time:				Type	SID		
UW Shallow: UW Deep: Air:								FLO			

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 12/11/2018	Site# 418	Region: 1 2	Blank Time:	Blank Storet Code:			
Time: 1145	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: 26.59928303	Lat: 26.59913	Wind dir/spd: NW / 10 mph or knots (circle)					
Long: -81.91525649	Long: -81.91533	Wave ht: 0.3 ft (m (Circle))					
Samplers/FDEP: NR MD KW JB CC SC GS			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)			
1.1	1.1	1.1	1.1	Time:	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)
				1145	0.5	19.6	17626
					1		
					2		
					3		
					4		
					5		
					6		
					7		
					Bottom Depth		
					Blank		
				Additional Comments & Observations:			
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time:			Type
UW Shallow: UW Deep: Air:							SID
							FLO

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 12/11/2018	Site# 453	Region: 1 2	Blank Time: 1305	Blank Storet Code:						
Time: 1245	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: 26.69158567	Lat: 26.69158		Wind dir/spd: N/W / 5 mph or knots (circle)							
Long: -81.83746392	Long: -81.83739		Wave ht: 0.05 ft (m) (Circle)							
Samplers/FDEP: NR MD KW JB CC SC GS			Cld 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
1.1	1.0	1.0	1.0	0.5	20.4	5368	2.90	7.20	81.1	7.97
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	1305	Blank	19.3	1.4	0.00	8.87	96.2
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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