

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: 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 04/18/2018	Time 1452	Received By: (signature) 	\$Chloroa, _prep	O-PO4, Color, NOX	TOC	NH3, TKN, TN, T-PO4, NO3, ONIT	Turb, NO2, TSS, Silica, Bod, Bodi	Mug2QT, Entero	
Relinquished By: (signature) 	Date 04/18/2018	Time	Received By: (signature)							
Relinquished By: (signature)	Date	Time	Received By: (signature)							

Sample(s) on ice ☒ Yes or ☐ No?	Temperature °C: 2.90C	NP	NPF	S	S	NP	ST
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Collection		Sample Description & Location	Matrix (see codes)	# of Sample Containers Submitted						Lab ID #
Date	Time									
04/18/2018	0940	CRNEP_RS #387	SWE	1	1	1	1	2	1	AD72666
04/18/2018	1000	CRNEP_RSBOT #387 Bottom	SWE	1	1	1	1	2	1	AD72667
04/18/2018	1135	CRNEP_RS #455	SWE	1	1	1	1	2	1	AD72668
		CRNEP_RSBOT #455 Bottom NOT TAKEN	SWE	1	1	1	1	2	1	AD72669
04/18/2018	1225	CRNEP_RS #463	SWE	1	1	1	1	2	1	AD72670
04/18/2018	1205	CRNEP_RS #462	SWE	1	1	1	1	2	1	AD72671
		CRNEP_RSBOT #462 Bottom NOT SAMPLED	SWE	1	1	1	1	2	1	AD72672
04/18/2018	1040	CRNEP_RS #423	SWE	1	1	1	1	2	1	AD72673
04/18/2018	1240	CRNEP_EQ #	SWE	1	1	1	1	2	1	AD72674

**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 CALOOSA HATCHEE DATA SHEET

Site Storet Code:

Date: 04/18/2018	Site# 387	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 0940	Sonde: Snek	3 4 5	DUP Time:	Duplicate Storet Code:							
Collecting Agency: FDEP			1000 Bottom Time:	Bottom Storet Code:							
GPS Selected:		GPS Actual:		Weather Conditions:							
Lat: 26.5297004		Lat: 26.52992		Wind dir/spd: SE ^W 10 mph or knots (circle)							
Long: -81.97598194		Long: -81.97632		Wave ht: 1 ft m (Circle)							
Samplers/FWC: SE TY			Cld cover (%):								
Samplers/FDEP: (NR) (MD) KW GS SC JB CC			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	Time:	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
3.0	1.7	1.5	1.6	0940	0.5	23.7	38901	24.73	6.73	91.4	8.03
BOTTOM TYPE: seagrass mud sand hard bottom UNK				0941	1	23.6	42016	26.9	6.56	90.6	8.04
PAR Data: (umol/m²/s)				0942	2	23.8	45732	28.88	6.31	89.0	8.07
Air Sensor					3						
Shallow In-Water Sensor					4						
Deep In-Water Sensor					5						
Depth (m)					6						
Deck					7						
0.5 m				0943	Bottom Depth 2.5	23.8	48417	31.1	6.36	90.1	8.08
1.0 m					Blank						
Reading:				Additional Comments & Observations:							
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:		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

Site Storet Code:

Date: 04/18/2018	Site# 423	Region: 1 2	Blank Time:	Blank Storet Code:
Time: 1040	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: 26.60301211	Lat: 26.60296	Wind dir/spd: 2 SSE mph or knots (circle)		
Long: -81.91207145	Long: -81.91206	Wave ht: 0 ft m (Circle)		
Samplers/FWC: SE TY		Cld cover (%): 0 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: [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	
1.1	1.1	1.0	1.05	
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	

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CCHMN TIDAL CALOOSA HATCHEE DATA SHEET

Site Storet Code:

Date: 04/18/2018	Site# 455	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 1135	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: 26.69505854		Lat: 26.69526		Wind dir/spd: 2 SSE mph or knots (circle)							
Long: -81.8077961		Long: -81.80822		Wave ht: 0 ft m (Circle)							
Samplers/FWC: SE TY			Cld cover (%): 0 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: [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)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
1.4	1.0	1.1	0.9	1135	0.5	30.0	7557	4.14	6.85	92.7	8.02
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			

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 04/18/2018	Site# 462	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 1205	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: 26.70022957	Lat: 26.70027	Wind dir/spd: (X) mph or knots (circle)									
Long: -81.78853054	Long: -81.78841	Wave ht: (D) ft m (Circle)									
Samplers/FWC: SE TY		Cld cover (%): (X) 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: [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	
1.6	1.0	0.8	0.9	Time: 1205	0.5	27.9	71.4	3.92	7.72	100.4	8.13
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							
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			

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 04/18/2018	Site# 463	Region: 1 2	Blank Time: 1240	Blank Storet Code:						
Time: 1225	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: 26.7045557		Lat: 26.70455		Wind dir/spd: ⑦ mph or knots (circle)						
Long: -81.7824158		Long: -81.78248		Wave ht: ⑦ ft m (Circle)						
Samplers/FWC: SE TY		Cld cover (%): ⑦		Hazy Clear Fog Rain						
Samplers/FDEP: NR MD KW GS SC JB CC		Tide Level: LS LR		L=Low; M=Mid, H=High						
Sampler Signature: [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
0.6	0.6	0.6	0.6	0.5	27.2	6310	3.42	7.18	92.2	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	26.9	⑦.8	⑦.00	8.39	105.2	6.48
Reading:				Additional Comments & Observations:						
Time:										
Pre/Post PAR readings; (Only on 1st & last sample of trip)					Time:		Type	SID		
UW Shallow:					UW Deep:		FLO			

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