

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): Nicole Reistad <i>Maryann Dugan</i>	Sample Collector Signature: <i>Maryann Dugan</i>	Analyses Required
Relinquished By: (signature) <i>Nicole Reistad</i>	Received By: (signature) <i>Maryann Dugan</i>	
Date 03/20/19	Time 1433	
Relinquished By: (signature)	Received By: (signature)	

Relinquished By: (signature)	Date	Time	Received By: (signature)	\$Chloro, _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	Time	Received By: (signature)						
Relinquished By: (signature)	Date	Time	Received By: (signature)						

Sample(s) on ice ☒ Yes or ☐ No? Temperature °C: 1.4°C	Preservatives (see codes)					
	NP	NPF	S	S	NP	ST

Collection Date	Time	Sample Description & Location	Matrix (see codes)	# of Sample Containers Submitted						Lab ID #
03/20/19	1035	CRNEP_RS #429	SWE	1	1	1	1	2	1	AE04058
		CRNEP_RSBOT #429 Bottom NOT TAKEN	SWE	1	1	1	1	2	1	AE04059
03/20/19	0930	CRNEP_RS #389	SWE	1	1	1	1	2	1	AE04060
03/20/19	1005	CRNEP_RS #412	SWE	1	1	1	1	2	1	AE04061
		CRNEP_RSBOT #412 Bottom NOT TAKEN	SWE	1	1	1	1	2	1	AE04062
03/20/19	1100	CRNEP_RS #442	SWE	1	1	1	1	2	1	AE04063
03/20/19	1140	CRNEP_RS #454	SWE	1	1	1	1	2	1	AE04064
03/20/19	1155	CRNEP_EQ # BLANK @ 454	SWE	1	1	1	1	2	1	AE04065

**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: 03/20/2019	Site# 389	Region: 1 2	Blank Time:	Blank Storet Code:						
Time: 0930	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: 26.53060695	Lat: 26.53064	Wind dir/spd E/10 mph or knots (circle)								
Long: -81.94758622	Long: -81.94759	Wave ht: 0.3 ft (m (Circle))								
Samplers/FDEP: NR MD KW JB CC SC GS			Cld cover (%): 100	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	1.1	1.1	1.1	0.5	20.1	17395	10.28	7.42	87.6	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						
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 (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: 03/20/2019	Site# 412	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 1005	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: 26.576793		Lat: 26.57667		Wind dir/spd: E / 10 mph or knots (circle)							
Long: -81.92288648		Long: -81.92300		Wave ht: 0.4 ft (m) (Circle)							
Samplers/FDEP: NR MD KW JB CC SC GS			Cld cover (%): 100		Hazy		Clear		Fog	Rain	
			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	Time:	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
1.9	0.6	0.6	0.6	1005	0.5	20.2	10105	75.72	7.60	86.8	7.95
BOTTOM TYPE: seagrass mud sand hard bottom UNK					1			NR			
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:		Air:		FLO	

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 03/20/2019	Site# 429	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 1035	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: 26.6257425		Lat: 26.62563		Wind dir/spd: E/8 mph or knots (circle)							
Long: -81.89101342		Long: -81.89108		Wave ht: 0.2 ft (m (Circle))							
Samplers/FWC: SE TY			Cld cover (%): 100 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: [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
1.9	0.8	0.7	0.75	1035	0.5	20.6	7669	4.25	7.84	89.5	8.05
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:				Type	SID		
UW Shallow:				UW Deep:				Air:			
								FLO			

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 03/20/2019	Site# 454	Region: 1 2	Blank Time: 1155	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: 26.68818506		Lat: 26.68808		Wind dir/spd: E/2 mph or knots (circle)							
Long: -81.81728008		Long: -81.81728		Wave ht: 0.10 ft m (Circle)							
Samplers/FWC: SE TY			Cld cover (%): 85		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
0.8	0.8	0.8	0.8	1140	0.5	21.4	6668	0.33	7.18	81.3	7.91
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)					6						
Deck					7						
0.5 m					Bottom Depth						
1.0 m				1155	Blank	21.6	1	0.00	7.40	84.2	7.50
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:		FLO			
Air:											

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