

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		Address: 1500 Monroe St										
Ft Myers FL 33901		Ft Myers, FL 33901										
Phone: (239) 344-5719		Phone: (239) 533-8109		Analyses Required								
Sample Collector(s) (please print): MaryAnn Dugan/Nicole Reistadt		Sample Collector Signature: 										
Relinquished By: (signature) 		Received By: (signature) 										
Relinquished By: (signature)		Date 07/17/19	Time 1500	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	Time	Received By: (signature)								
Relinquished By: (signature)		Date	Time	Received By: (signature)								
Sample(s) on ice ☒ Yes or ☐ No? Temperature °C: 1.7°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 #	
07/17/19 1030		CRNEP_RS #387		SWE		1	1	1	1	2	1	AE17219
07/17/19 1150		CRNEP_RS #428		SWE		1	1	1	1	2	1	AE17220
07/17/19 1110		CRNEP_RS #403		SWE		1	1	1	1	2	1	AE17221
07/17/19 1235		CRNEP_RS #454		SWE		1	1	1	1	2	1	AE17222
		CRNEP_RSBOT #454 Bottom		SWE		1	1	1	1	2	1	AE17223
07/17/19 0945		CRNEP_RS #326x		SWE		1	1	1	1	2	1	AE17224
		CRNEP_RSBOT #326x Bottom		SWE		1	1	1	1	2	1	AE17225
07/17/19 1250		CRNEP_EQ #BLANK @454		SWE		1	1	1	1	2	1	AE17226

**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: 07/17/2019	Site# 326X	Region: 1 2	Blank Time:	Blank Storet Code:
Time: 0945	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: 26.52845759	Lat: 26.52845	Wind dir/spd: NE 15 mph or knots (circle)		
Long: -82.00439859	Long: -82.00455	Wave ht: 0.1 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	Water Data: (0.01)	
2.9	1.8	1.8	pH	
BOTTOM TYPE: seagrass (mud) sand hard bottom UNK			Sample Depth (m)	
PAR Data: (umol/m ² /s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	Water Temp. (°C)
Depth (m)	Deck	0.5 m	1.0 m	Conductivity (mS/cm)
Reading:	1346.2	451.59	466.72	Salinity (‰)
Time: 0955				Dissolved Oxygen (mg/l)
Depth (m)	Deck	0.5 m	1.0 m	Dissolved Oxygen (%)
Reading:	1384.4	314.94	119.25	
Time: 0957				
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: 0953				
UW Shallow: 2266.1 UW Deep: 2173.7 Air: 1322.5				
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

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 07/17/2019	Site# 403	Region: 1 2	Blank Time:	Blank Storet Code:
Time: 1110	Sonde: SNEK	3 4 5	DUP Time:	Duplicate Storet Code:
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:
GPS Selected:		GPS Actual:		
Lat: 26.55997208		Lat: 26.55997		
Long: -81.93371107		Long: -81.93375		
Weather Conditions:		Wind dir/spd: E/5 mph or knots (circle)		
Wave ht: 0.1		ft (m) (Circle)		
Cld cover (%): 10		Hazy Clear Fog Rain		
Tide Level: LS LR LF		L=Low; M=Mid; H=High		
MR MF HR HS HF		S=Slack, R=Rising, F=Falling		
Samplers/FDEP: NR MD KW JB CC SC GS		Sampler Signature: [Signature]		
Water Depth & Secchi:		Water Data: (0.01)		
Total Depth/m	Disappearance Depth/m	Reappearance Depth/m	Secchi Average/m	
3.0	1.1	1.2	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:	1826.5	674.70	333.15	
Time: 1115				
Depth (m)	Deck	0.5 m	1.0 m	
Reading:				
Time: 1116	1874.4	140.09	90.109	
Depth (m)	Deck	0.5 m	1.0 m	
Reading:				
Time: 1117	1899.0	106.01	58.325	
Additional Comments & Observations:				
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time:
UW Shallow:		UW Deep:		Air:
				Type
				FLO
				SID

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 07/17/2019	Site# 428	Region: 1 2	Blank Time:	Blank Storet Code:
Time: 1150	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: 26.62950113	Lat: 26.62958	Wind dir/spd: E 1.3 mph or knots (circle)		
Long: -81.91289373	Long: -81.91292	Wave ht: 0.1 ft m (Circle)		
Samplers/FDEP: NR MD KW JB CC SC GS		Cld cover (%): 25 Hazy (circle) Clear (circle) Fog Rain		
Sampler Signature: [Signature]		Tide Level: LS LR (circle) 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)
1.3	1.0	1.0	1.05	Time: 1150
BOTTOM TYPE: seagrass mud (circle) sand hard bottom UNK				Sample Depth (m)
PAR Data: (umol/m ² /s)				Water Temp. (°C)
Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	Conductivity (mS/cm)	Salinity (‰)
Depth (m)	Deck	0.5 m	1.0 m	Dissolved Oxygen (mg/l)
Reading:	1990.1	487.01	275.24	Dissolved Oxygen (%)
Time: 1148				pH
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)				
UW Shallow:			UW Deep:	Air:
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