

LCEL

Lee County Environmental Laboratory
60 S Danley Dr Unit 2
Fort Myers, FL 33907
Phone: (239) 533-8600

Analysis Request & Chain of Custody Record

LCEL does not accept any samples used for evidentiary purposes

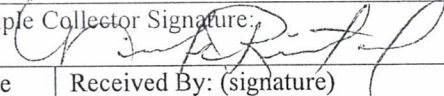
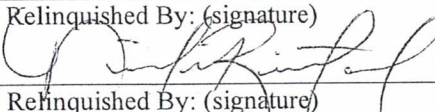
Lab Certification: E45049
LCEL F COC 20150828R1

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Report/Result Information

Billing/Invoice Information

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/Monica Jaeger		Sample Collector Signature: 		Analyses Required					
Relinquished By: (signature) 	Date 04/20/22	Time	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:				Preservatives (see codes)					
				NP	NPF	S	S	NP	ST

Collection		Sample Description & Location	Matrix (see codes)	# of Sample Containers Submitted						Lab ID #
Date	Time									
04/20/22	0935	CRNEP_RS #388	SWE	1	1	1	1	2	1	AF21548
04/20/22	1200	CRNEP_RS #454	SWE	1	1	1	1	2	1	AF21549
04/20/22	1100	CRNEP_RS #443	SWE	1	1	1	1	2	1	AF21550
04/20/22	1130	CRNEP_RS #449	SWE	1	1	1	1	2	1	AF21551
04/20/22	1015	CRNEP_RS #428	SWE	1	1	1	1	2	1	AF21552
04/20/22	1345	CRNEP_EQ # C454	SWE	1	1	1	1	2	1	AF21553

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: 04/20/2022	Site# 388	Region: 1 2	Blank Time:	Blank Storet Code:						
Time: ^{NR} 0930 0935	Sonde: ^{PRESIDENT} CAMACHO 3 4 5		DUP Time:	Duplicate Storet Code:						
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:						
GPS Selected:	GPS Actual:	Weather Conditions:								
Lat: 26.52494426	Lat: 26.52486	Wind dir/spd: E/12 mph or knots (circle)								
Long: -81.96306947	Long: -81.96292	Wave ht: 0.2 ft m (Circle)								
Samplers/FDEP: (NR) KW (MJ) WM JB GS TB			Cld cover (%): 0 Hazy Clear Fog Rain							
			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
0.7	0.7	0.7	0.7 "S"	Time: 0935	0.5	24.5	20,553	12.28	7.44	95.6
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	0.28 0.5 m	0.7 m 1.0 m	3						
Reading:				4						
Time: 0939	1181.9	776.98	395.33	5						
Depth (m)	Deck	0.5 m	1.0 m	6						
Reading:				7						
Time: 0940				Bottom Depth						
Depth (m)	Deck	0.5 m	1.0 m	Blank						
Additional Comments & Observations:										
Reading:										
Time:										
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time: 0937				Type	SID	
UW Shallow: 1972.2 UW Deep: 1881.4				Air: 1852.5				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: 04/20/2022	Site# 454	Region: 1 2	Blank Time: 1345	Blank Storet Code:							
Time: 1200	Sonde: PRESIDENT CAMACHO	3 4 5	DUP Time:	Duplicate Storet Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:							
GPS Selected:	GPS Actual:		Weather Conditions:								
Lat: 26.68953744	Lat: 26.69055		Wind dir/spd: E/12 mph or knots (circle)								
Long: -81.82759801	Long: -81.82773		Wave ht: 0.1 ft (m) (Circle)								
Samplers/FDEP: NR KW MJ WM JB GS TB			Cld cover (%): 0 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)							
0.7	0.7	0.7	0.7 "S"	Time:	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
				1200	0.5	27.8	557	0.27	7.63	97.2	8.04
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: 1203	1965.5	1476.8	389.06		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: actual coordinates had a total depth of less than 0.5m (could not sample).							
Time:											
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time: 1205					Type	SID	
UW Shallow: 2470.5 UW Deep: 2706.8				Air: 2138.3					FLO		

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 04/20/2022	Site# 443	Region: 1 2	Blank Time:	Blank Storet Code:						
Time: 1100	Sonde: PRESIDENT CAMACHO	3 4 5	DUP Time:	Duplicate Storet Code:						
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:						
GPS Selected:		GPS Actual:		Weather Conditions:						
Lat: 26.65957239		Lat: 26.65951		Wind dir/spd: NE 12/E/12 mph or knots (circle)						
Long: -81.85703363		Long: -81.85699		Wave ht: 0.2 ft (m) (Circle)						
Samplers/FDEP: NR KW MJ WM JB GS TB				Cld cover (%): 0 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						
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
1.7	0.5	0.4	0.45	0.5	25.7	2177	1.11	7.59	93.6	8.08
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1.2	25.7	2945	1.52	7.17	85.2	8.00
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: 1103	1730.6	200.57	36.8/4	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: 04/20/2022	Site# A49	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 1130	Sonde: PRESIDENT CAMAROT	3 4 5	DUP Time:	Duplicate Storet Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:							
GPS Selected:		GPS Actual:		Weather Conditions:							
Lat: 26.67370472		Lat: 26.67366		Wind dir/spd: E/12 mph or knots (circle)							
Long: -81.84913915		Long: -81.84921		Wave ht: 0.2 ft m (Circle)							
Samplers/FDEP: NR KW MJ WM JB GS TB			Cld cover (%): 0		Hazy		Clear	Fog	Rain		
			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
1.8	0.5	0.4	0.45	1130	0.5	26.2	734	0.36	8.00	99.1	8.20
				1131	1.3	26.1	741	0.36	7.96	98.6	8.24
BOTTOM TYPE: seagrass mud sand hard bottom UNK					2						
PAR Data: (umol/m²/s)					3						
Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor			4						
Depth (m)	Deck	0.5 m	1.0 m		5						
Reading:					6						
Time: 1133	1849.9	270.75	58.602		7						
Depth (m)	Deck	0.5 m	1.0 m		Bottom Depth						
Reading:					Blank						
Time: 1134 NR				Additional Comments & Observations:							
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			

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 FDEP: Kirby Wolfe (239) 470-0873

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 04/20/2022	Site# A28	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 1020 1015	Sonde: PRESIDENT CAMACHO	3 4 5	DUP Time:	Duplicate Storet Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:							
GPS Selected:	GPS Actual:	Weather Conditions:									
Lat: 26.61993678	Lat: 26.61992	Wind dir/spd: E/12 mph or knots (circle)									
Long: -81.9033231	Long: -81.90335	Wave ht: 0.3 ft m (Circle)									
Samplers/FDEP: NR KW MJ WM JB GS TB		Cld cover (%): 0 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
2.0	0.5	0.4	0.45	1015	0.5	25.6	8918	4.97	7.17	90.3	7.99
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1017	1.5	25.6	8937	4.98	7.15	89.9	7.99
PAR Data: (umol/m²/s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor		2						
					3						
Depth (m)	Deck	0.5 m	1.0 m		4						
Reading:					5						
Time: 1019	1551.7	279.75	24.375		6						
Depth (m)	Deck	1.0 0.5 m	1.5 1.0 m		7						
Reading:					Bottom Depth						
Time: 1020	1633.1	35.701	4.3818		Blank						
Depth (m)	Deck	0.5 m	1.0 m	Additional Comments & Observations:							
Reading:											
Time:											
Pre/Post PAR readings: (Only on 1st & last sample of trip)				Time:				Type	SID		
UW Shallow:				UW Deep:				FLO			

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