

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: Tidal Caloosa		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						
Distrib List: FDEP - South		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) 344-5718		Phone: (239) 533-8109										
Sample Collector(s) (please print): Nicole Reistad/Monica Jaeger		Sample Collector Signature:		Analyses Required								
Relinquished By: (signature)	Date	Time	Received By: (signature)									
	04/05/23	1443		\$Chloro, _prep O-PO4, Color, NOX TOC NH3, TKN, TN, T-PO4, NO3, ONIT Turb, NO2, TSS, Bod, Bodi Entero	Preservatives (see codes)							
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: 4.1°C				NP	NPF	S	S	NP	ST			
Collection Date Time		Sample Description & Location		Matrix (see codes)		# of Sample Containers Submitted				Lab ID #		
04/05/23 1250		CRNEP_RS #453		SWE		1	1	1	1	2	1	AF55375
04/05/23 1215		CRNEP_RS #443		SWE		1	1	1	1	2	1	AF55376
04/05/23 1045		CRNEP_RS #403		SWE		1	1	1	1	2	1	AF55377
04/05/23 0950		CRNEP_RS #326		SWE		1	1	1	1	2	1	AF55378
04/05/23 1135		CRNEP_RS #434		SWE		1	1	1	1	2	1	AF55379
04/05/23 1405		CRNEP_EQ # @ A53		SWE		1	1	1	1	2	1	AF55380

**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 WIN Code:

Date: 04/05/2023	Site# 326	Region: 1 2	Blank Time:	Blank WIN Code:						
Time: 0950	Sonde: PRESIDENT CAMACHO	3 4 5	DUP Time:	Duplicate WIN Code:						
Collecting Agency: FDEP			Bottom Time:	Bottom WIN Code:						
GPS Selected:	GPS Actual:		Weather Conditions:							
Lat: 26.52498244	Lat: 26.52508		Wind dir/spd: SE / 10 mph or knots (circle)							
Long: -82.01513595	Long: -82.01522		Wave ht: 0.2 ft (m) (Circle)							
Samplers/FDEP: NR MJ WM TB GS JB			Cld cover (%): 5 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
2.8	1.8	1.7	1.75	0.5	27.7	32,446	20.19	6.33	90.1	7.77
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1						
PAR Data: (umol/m²/s)				2						
Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor		3						
Depth (m)	Deck	0.5 m	1.0 m	4						
Reading:				5						
Time: 0958	1216.0	842.77	420.40	6						
Depth (m)	Deck	1.8 m	2.3 m	7						
Reading:				0952	Bottom Depth 2.3	27.7	32,438	20.19	6.32	89.8
Time: 0959	1234.7	254.09	113.93		Blank					
Depth (m)	Deck	m	m	Additional Comments & Observations:						
Reading:										
Time:										
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time: 0956				Type	SID	
Air: 1889.8 UW Shallow: 1971.1 UW Deep: 2200.0								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 CALOOSA HATCHEE DATA SHEET

Date: 04/05/2023				Site# 403		Region: 1 2		Blank Time:		Site Storet Code:			
Time: 1045				Sonde: PRESIDENT CAMACHO 3 4 5		Blank Time:		Blank Storet Code:		Duplicate Storet Code:			
Collecting Agency: FDEP						Bottom Time:		Bottom Storet Code:					
GPS Selected:		GPS Actual:		Weather Conditions:									
Lat: 26.55536579		Lat: 26.55549		Wind dir/spd: SE/13 mph or knots (circle)									
Long: -81.93691969		Long: -81.93692		Wave ht: 0.2 ft m (Circle)									
Samplers/FDEP: NR MJ WM TB GS JB				Cld cover (%): 15 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		
3.1	1.4	1.3	1.35	1045	0.5	27.3	15,371	8.93	6.83	90.7	7.89		
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1046	1	27.4	15,494	9.01	6.84	90.8	7.89		
PAR Data: (umol/m²/s)				1047	2	27.3	15,623	9.09	6.80	90.3	7.88		
Air Sensor					3								
Shallow In-Water Sensor					4								
Deep In-Water Sensor					5								
Depth (m)					6								
Deck					7								
0.5 m													
1.0 m													
Reading:				1048	Bottom Depth 2.6	27.4	21,988	11.22	6.03	81.6	7.79		
Time: 1052 1663.9 761.74 312.20					Blank		NR						
Depth (m)				Additional Comments & Observations:									
Deck													
2.1 m													
2.6 m													
Reading:													
Time: 1054 1586.0 144.02 63.344													
Depth (m)													
Deck													
m													
m													
Reading:													
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 WIN Code:

Date: 04/05/2023	Site# 434	Region: 1 2	Blank Time:	Blank WIN Code:							
Time: 1135	Sonde: PRESIDENT CAMACHO	3 4 5	DUP Time:	Duplicate WIN Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom WIN Code:							
GPS Selected:		GPS Actual:		Weather Conditions:							
Lat: 26.63399414		Lat: 26.63390		Wind dir/spd: 1135 SE/15 mph or knots (circle)							
Long: -81.90054856		Long: -81.90071		Wave ht: 0.3 NR ft (m) (Circle)							
Samplers/FDEP: NR MJ WM TB GS JB			Cld cover (%): 15		Hazy		Clear				
Sampler Signature: [Signature]			Tide Level: LS LR LF		L=Low; M=Mid; H=High		Fog Rain				
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)							
2.3	0.7	0.7	0.7	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH	
				Time: 1135	0.5	27.4	6070	3.28	7.02	90.4	7.99
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1136	1	27.4	6079	3.29	7.01	90.3	7.99
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:	1795.1	425.76	153.60	5							
Depth (m)	Deck	1.3 m	1.8 m	6							
Reading:				7							
Time:	1756.1	68.270	16.266	1137	Bottom Depth 1.8	27.3	6120	3.31	6.93	88.89.1	7.98
Depth (m)	Deck	m	m		Blank					NR	
Reading:				Additional Comments & Observations:							
Time:											
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time:				Type	SID		
Air: UW Shallow: UW Deep:								FLO			

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 04/05/2023	Site# 443	Region: 1 2	Blank Time:	Blank Storet Code:						
Time: 1215	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: 26.65782341		Lat: 26.65780		Wind dir/spd: 815 mph or knots (circle)						
Long: -81.86129552		Long: -81.86124		Wave ht: 0.1 ft (m) (Circle)						
Samplers/FDEP: NR MJ WM TB GS JB				Cld cover (%): 20 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 NR (%)	pH
2.2	0.8	0.7	0.75	Time: 1215	0.5	27.9	2215	1.13	7.28	93.1
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1216	1	27.6	2180	1.11	7.16	91.3
PAR Data: (umol/m²/s)				2						
Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor		3						
Depth (m)	Deck	0.5 m	1.0 m	4						
Reading:				5						
Time: 1220	1990.7	412.47	134.40	6						
Depth (m)	Deck	1.2 m	1.7 m	7						
Reading:				1217	Bottom Depth 1.7	27.6	2741	1.41	6.79	86.8
Time: 1222	1972.8	88.370	34.255		Blank					
Depth (m)	Deck	m	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		
				Air:						

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CCHMN TIDAL CALOOSA HATCHEE DATA SHEET

Site WIN Code:

Date: 04/05/2023	Site# 453	Region: 1 2	Blank Time: 1405	Blank WIN Code:						
Time: 1250	Sonde: PRESIDENT CAMACHO	3 4 5	DUP Time:	Duplicate WIN Code:						
Collecting Agency: FDEP			Bottom Time:	Bottom WIN Code:						
GPS Selected:	GPS Actual:		Weather Conditions:							
Lat: 26.69013108	Lat: 26.69025		Wind dir/spd: S/15 mph or knots (circle)							
Long: -81.84207135	Long: -81.84190		Wave ht: 0.2 ft m (Circle)							
Samplers/FDEP: NR MJ WM TB GS JB			Cld cover (%): 15 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
1.0	0.6	0.5	0.55	0.5	28.9	708	0.34	8.53	110.8	8.36
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: 1252	2123.5	282.25	80.683	5						
Depth (m)	Deck	m	m	6						
Reading:				7						
Time:				Bottom Depth						
Depth (m)	Deck	m	m	Blank						
Additional Comments & Observations:										
Pre/Post PAR readings; (Only on 1st & last sample of trip) Time: 1258										
Air: 2364.9	UW Shallow: 3160.6		UW Deep: 3114.3					Type	SID	
								FLO		

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