LCEL

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

Lab Certification: E45049
LCEL_F_COC_20150828R1

Analysis Request & Chain of Custody Record

LCEL does not accept any samples used for evidentiary purposes

Report/Result Information	Billing/Invoice Information
Name: Tidal Caloosa	**Name:** DNRM
Distrib List: FDEP - South	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
Sample Collector(s) (please print): Nicole Reistad/Monica Jaeger	Sample Collector Signature:

Relinquished By: (signature)	Date	Time	Received By: (signature)
	05/01/24	1300	
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: 1.3°C

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

Analyses Required

Collection Date	Collection Time	Sample Description & Location	Matrix (see codes)	# of Sample Containers Submitted	$Chloroa, _prep	O-PO4, Color, NOX	TOC	NH3, TKN, TN, T-PO4, NO3, ONIT	Turb, NO2, TSS, , Bod, Bodi	Entero	Lab ID #
		Preservatives (see codes)			NP	NPF	S	S	NP	ST	
05/01/24	0855	CRNEP_RS #395	SWE		1	1	1	1	2	1	AF89802
		CRNEP_RS #395 BOTTOM DID NOT SAMPLE	SWE		1	1	1	1	2	1	AF89803
05/01/24	1055 NR	CRNEP_RS #455	SWE		1	1	1	1	2	1	AF89804
05/01/24	1005	CRNEP_RS #443	SWE		1	1	1	1	2	1	AF89805
05/01/24	0925	CRNEP_RS #404	SWE		1	1	1	1	2	1	AF89806
05/01/24	1025	CRNEP_RS #449	SWE		1	1	1	1	2	1	AF89807
05/01/24	1145	CRNEP_EQ # @455	SWE		1	1	1	1	2	1	AF89808

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

Date:	**Site#**	**Region: 1 2**	Blank Time:	**Site WIN Code:** / Blank WIN Code:
Time:	**Sonde:**	**3 4 5**	_____ DUP Time:	Duplicate WIN Code:
Collecting Agency: FDEP			_____ Bottom Time:	Bottom WIN Code:
GPS Selected:	**GPS Actual:**		**Weather Conditions:**	
Lat:	Lat:		Wind dir/spd:	mph or knots (circle)
Long:	Long:		Wave ht:	**ft m (Circle)**
			Cld cover (%):	Hazy Clear Fog Rain
Samplers/FDEP: NR MJ SG			Tide Level: LS LR LF MR MF HR HS HF	L=Low; M=Mid, H=High; S=Slack, R=Rising, F=Falling
Sampler Signature:				

Water Depth & Secchi:

Total Depth/m	Disappearance Depth/m	Reappearance Depth/m	Secchi Average/m

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	m	m
Reading:			
Time:			
Depth (m)	Deck	m	m
Reading:			
Time:			

Water Data: (0.01)

Time:	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (°/oo)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
	0.5						
	1						
	2						
	3						
	4						
	5						
	6						
	7						
	Bottom Depth						
	Blank						

Additional Comments & Observations:

Pre/Post PAR readings; (Only on 1st & last sample of trip) **Time:**

Air: UW Shallow: UW Deep:

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: Nicole Reistad (239) 344-5718

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Date: 05/01/2024	**Site#** 455	**Region:** 1 2	Blank Time: 1145	**Site WIN Code:**
Time: 1055	**Sonde:** President 3 4 5		____ DUP Time:	Blank WIN Code:
Collecting Agency: FDEP	Camacho		____ Bottom Time:	Duplicate WIN Code:
GPS Selected: Lat: 26.69136948	**GPS Actual:** Lat: 26.69132		**Weather Conditions:** Wind dir/spd: E/2	Bottom WIN Code: mph or knots (circle)
Long: -81.80430307	Long: -81.80429		Wave ht: 0.0	ft m (Circle)
Samplers/FDEP: NR MJ SG			Cld cover (%): 0	Hazy Clear Fog Rain
Sampler Signature:			Tide Level: LS LR LF MR MF HR HS HF	L=Low; M=Mid, H=High
				S=Slack, R=Rising, F=Falling

Water Depth & Secchi:

Total Depth/m	Disappearance Depth/m	Reappearance Depth/m	Secchi Average/m
1.5	1.0	1.0	1.0

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	m	m
Reading:			
Time:			
Depth (m)	Deck	m	m
Reading:			
Time:			

Water Data: (0.01)

Time:	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (°/oo)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
1055	0.5	26.5	718	0.35	6.63	82.7	6.47
	1						
	2						
	3						
	4						
	5						
	6						
	7						
1057	Bottom Depth 1.0	26.2	782	0.38	6.26	77.7	6.91
	Blank						

Additional Comments & Observations:

Pre/Post PAR readings; (Only on 1st & last sample of trip) **Time:**

Air: UW Shallow: UW Deep:

Type	SID
FLO	

Lee Co Environmental Lab: Keith Kibbey or Mishel Mullan (239) 533-8600
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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site WIN Code:

Date: 05/01/2024	**Site#** 395	**Region:** 1 2
Time: 0855	**Sonde:** President Camacho	3 4 5
Collecting Agency: FDEP		

Blank Time:	Blank WIN Code:
____ DUP Time:	Duplicate WIN Code:
____ Bottom Time:	Bottom WIN Code:

GPS Selected:	**GPS Actual:**
Lat: 26.54909837	Lat: 26.54928
Long: -81.93961344	Long: -81.93963

Samplers/FDEP: NR MJ SG

Sampler Signature:

Weather Conditions:

Wind dir/spd: E/2 (mph) or knots (circle)

Wave ht: 0.0 **ft (m) (Circle)**

Cld cover (%): 0 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

Water Depth & Secchi:

Total Depth/m	Disappearance Depth/m	Reappearance Depth/m	Secchi Average/m
2.2	1.4	1.4	1.4

BOTTOM TYPE: seagrass (mud) sand hard bottom UNK

Water Data: (0.01)

Time:	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (°/oo)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
0855	0.5	26.1	19,322	11.48	7.53	99.1	6.88
	1						
	2						
	3						
	4						
	5						
	6						
	7						
0856	Bottom Depth 1.7	25.9	29,993	18.64	7.65	91.1	7.54
	Blank						

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	m	m
Reading:			
Time:			
Depth (m)	Deck	m	m
Reading:			
Time:			

Additional Comments & Observations:

Pre/Post PAR readings; (Only on 1st & last sample of trip) **Time:**

Air: UW Shallow: UW Deep:

Type	SID
FLO	

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Date: 05/01/2024	**Site#** A04	**Region:** 1 2	Blank Time:	**Site WIN Code:**
Time: 0925	**Sonde:** President 3 4 5		____ DUP Time:	Blank WIN Code:
Collecting Agency: FDEP	Camacho		____ Bottom Time:	Duplicate WIN Code:
GPS Selected: Lat: 26.566074 16 Long: -81.91722147	**GPS Actual:** Lat: 26.56592 Long: -81.91730		**Weather Conditions:** Wind dir/spd: E/2 (mph) or knots (circle)	Bottom WIN Code:
			Wave ht: 0.0 **ft (m) (Circle)**	
Samplers/FDEP: NR MJ SG			Cld cover (%): 0 Hazy (Clear) Fog Rain	
Sampler Signature:			Tide Level: LS (LR) LF MR MF HR HS HF	L=Low; M=Mid, H=High S=Slack, R=Rising, F=Falling

Water Depth & Secchi:

Total Depth/m	Disappearance Depth/m	Reappearance Depth/m	Secchi Average/m
1.3	1.3	1.3	1.3 "5"

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	m	m
Reading:			
Time:			
Depth (m)	Deck	m	m
Reading:			
Time:			

Water Data: (0.01)

Time:	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (°/oo)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
0925	0.5	26.5	11.412	6.42	7.61	97.9	6.59
	1						
	2						
	3						
	4						
	5						
	6						
	7						
	Bottom Depth						
	Blank						

Additional Comments & Observations:

Pre/Post PAR readings; (Only on 1st & last sample of trip) **Time:**

Air: UW Shallow: UW Deep:

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: Nicole Reistad (239) 344-5718

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Date: 05/01/2024	**Site#** 443	**Region:** 1 2	Blank Time: ~~1145~~ NR	**Site WIN Code:**
Time: 1005	**Sonde:** President Canacho	3 4 5	____ DUP Time:	Blank WIN Code:
Collecting Agency: FDEP			____ Bottom Time:	Duplicate WIN Code:
GPS Selected:	**GPS Actual:**			Bottom WIN Code:
Lat: 26.65913511	Lat: 26.65903			
Long: -81.85654342	Long: -81.85636			

Samplers/FDEP: NR MJ SG

Sampler Signature: NR MJ SG

Weather Conditions:

Wind dir/spd: E/2 (mph) or knots (circle)

Wave ht: 0.0 **ft (m) (Circle)**

Cld cover (%): 0 Hazy (Clear) Fog Rain

Tide Level: LS (LR) LF

MR MF HR HS HF

L=Low; M=Mid, H=High

S=Slack, R=Rising, F=Falling

Water Depth & Secchi:

Total Depth/m	Disappearance Depth/m	Reappearance Depth/m	Secchi Average/m
1.6	0.9	0.9	0.9

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	m	m
Reading:			
Time:			
Depth (m)	Deck	m	m
Reading:			
Time:			

Water Data: (0.01)

Time:	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (°/oo)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
1005	0.5	26.4	4947	2.66	5.91	75.1	6.55
	1						
	2						
	3						
	4						
	5						
	6						
	7						
1007	Bottom Depth 1.1	26.5	5317	2.86	5.41	69.2	6.72
	Blank						

Additional Comments & Observations:

Pre/Post PAR readings; (Only on 1st & last sample of trip) **Time:**

Air: UW Shallow: UW Deep:

Type	SID
FLO	

Lee Co Environmental Lab: Keith Kibbey or Mishel Mullan (239) 533-8600

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FDEP: Nicole Reistad (239) 344-5718

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Date: 05/01/2024	**Site#** AA9	**Region:** 1 2	Blank Time:	**Site WIN Code:**
Time: 1025	**Sonde:** President 3 4 5		____ DUP Time:	Blank WIN Code:
Collecting Agency: FDEP	Camacho		____ Bottom Time:	Duplicate WIN Code:
GPS Selected: Lat: 26.67843571 Long: -81.84793945	**GPS Actual:** Lat: 26.67853 Long: -81.84799		Bottom WIN Code:	

Samplers/FDEP: NR MJ SG

Sampler Signature:

Weather Conditions:
Wind dir/spd: E/2 (mph) or knots (circle)
Wave ht: 0.0 ft (m) (Circle)
Cld cover (%): 0 Hazy (Clear) Fog Rain
Tide Level: LS (LR) LF
MR MF HR HS HF
L=Low; M=Mid, H=High
S=Slack, R=Rising, F=Falling

Water Depth & Secchi:

Total Depth/m	Disappearance Depth/m	Reappearance Depth/m	Secchi Average/m
1.7	1.2	1.2	1.2

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	m	m
Reading:			
Time:			
Depth (m)	Deck	m	m
Reading:			
Time:			

Water Data: (0.01)

Time:	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (°/oo)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
1025	0.5	26.2	1557	0.78	6.57	82.0	6.77
	1						
	2						
	3						
	4						
	5						
	6						
	7						
1027	Bottom Depth 1.2	25.9	2418	1.24	5.04	62.6	7.22
	Blank						

Additional Comments & Observations:

Pre/Post PAR readings; (Only on 1st & last sample of trip) **Time:**
Air: UW Shallow: UW Deep:

Type	SID
FLO	

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