

LCEL

Lee County Environmental Laboratory
60-2 Danley Dr Ft Myers, FL 33907
Phone: (239) 533-8600
Fax: (239) 939-4850

Analysis Request & Chain of Custody Record

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 33902-2549	Address: 1500 Monroe St Ft Myers, FL 33901		
Phone: (239) 344-5719	Phone: (239) 533-8109		

Sample Collector(s) (please print):
Nicole Reistad / Maryann Dugan

Sample Collector Signature:

Maryann Dugan

Analyses Required

Relinquished By: (signature)	Date	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	
<i>Nicole Reistad</i>	06/20/18	1442								
Relinquished By: (signature)	Date	Time	Received By: (signature)							
<i>Maryann Dugan</i>	06/20/18	1443								
Relinquished By: (signature)	Date	Time	Received By: (signature)							

Sample(s) on ice ☒ Yes or ☐ No? Temperature: 3.2°C

NP NPF S S NP ST

Collection		Sample Description & Location	Matrix (see codes)	# of Sample Containers Submitted						Lab ID #
Date	Time									
06/20/18	1200	CRNEP_RS #419	SWE	1	1	1	1	2	1	AD78274
06/20/18	1045	CRNEP_RS #386	SWE	1	1	1	1	2	1	AD78275
06/20/18	1010	CRNEP_RS #326X	SWE	1	1	1	1	2	1	AD78276
06/20/18	1130	CRNEP_RS #418	SWE	1	1	1	1	2	1	AD78277
06/20/18	1240	CRNEP_RS #448	SWE	1	1	1	1	2	1	AD78278
06/20/18	1255	CRNEP_EQ #	SWE	1	1	1	1	2	1	AD78279

**SAMPLES SHOULD BE IN WET ICE & LESS THAN 6° C (42.8°F)
OR THEY MAY BE 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: 06/20/2018	Site#: 326X	Region: 1 2	Blank Time:	Blank Storet Code:
Time: 10/0	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: 26.51740204	Lat: 26.51756	Wind dir/spd: 0 mph or knots (circle)		
Long: -82.01442423	Long: -82.01456	Wave ht: 0.0 ft m (Circle)		
Samplers/FWC: SE TY		Cld cover (%): 35 Hazy Clear Fog Rain		
Samplers/FDEP: BP CA CC KD RM VR (NR) (MD)		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	
4.1	2.2	2.0	2.1	
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:				
Depth (m)	Deck	0.5 m	1.0 m	
Reading:				
Time:				
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time:
UW Shallow:		UW Deep:		Air:
Lee Co Environmental Lab: Keith Kibbey or Mishel Mullan (239) 533-8600				Page 1 of 5
FWC: Sarah Erickson or Tony Yard (941) 613-0945				
FDEP: Kirby Wolfe (239) 470-0873				

CCHMN TIDAL CALOOSA HATCHEE DATA SHEET

Site Storet Code:

Date: 06/20/2018	Site# 386	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 1045	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: 26.52839973	Lat: 26.52789	Wind dir/spd: 0 mph or knots (circle)									
Long: -81.98853742	Long: -81.98835	Wave ht: 0 ft m (Circle)									
Samplers/FWC: SE TY			Cld cover (%): 20	Hazy	Clear	Fog	Rain				
Samplers/FDEP: BP CA CC KD RM VR NR MD			Tide Level: LS LR LF	L=Low; M=Mid; H=High							
Sampler Signature: <i>Wayne Dyer</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
2.1	1.2	1.2	1.2	1045	0.5	31.5	18691	10.95	5.06	73	7.61
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

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 06/20/2018	Site# 418	Region: 1 2	Blank Time:	Blank Storet Code:						
Time: 1130	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: 26.58896153	Lat: 26.58891	Wind dir/spd: 0 mph or knots (circle)								
Long: -81.91561203	Long: -81.91550	Wave ht: 0.0 ft m (Circle)								
Samplers/FWC: SE TY		Cld cover (%): 20 Hazy Clear Fog Rain								
Samplers/FDEP: BP CA CC KD RM VR (NR) (MD)		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
1.7	0.7	0.6	0.65	0.5	31.2	507	0.24	6.76	92	7.56
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)	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:		FLO			
					Air:					

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

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 06/20/2018	Site# 419	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 1200	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: 26.59908636	Lat: 26.59899		Wind dir/spd: 0 (mph) or knots (circle)								
Long: -81.89663872	Long: -81.89672		Wave ht: 0.10 ft m (Circle)								
Samplers/FWC: SE TY			Cld cover (%): 10 Hazy Clear Fog Rain								
Samplers/FDEP: BP CA CC KD RM VR NR MD			Tide Level: LS LR LF L=Low; M=Mid, H=High								
Sampler Signature: <i>Wang</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	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH	
1.3	0.8	0.7	0.75	Time: 1200	0.5	31.8	492	0.23	NR 6.05	NR 82	7.58
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1				6.52	89		
PAR Data: (umol/m ² /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:			FLO			

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 06/20/2018	Site# 448	Region: 1 2	Blank Time: 1255	Blank Storet Code:							
Time: 1240	Sonde: SNRK	3 4 5	DUP Time:	Duplicate Storet Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:							
GPS Selected:	GPS Actual:	Weather Conditions:									
Lat: 26.67313012	Lat: 26.67321	Wind dir/spd: 0 mph or knots (circle)									
Long: -81.85002881	Long: -81.85009	Wave ht: 0.0 ft m (Circle)									
Samplers/FWC: SE TY		Cld cover (%): 15 Hazy Clear Fog Rain									
Samplers/FDEP: BP CA CC KD RM VR NR MD		Tide Level: LS LR LF L=Low; M=Mid, H=High									
Sampler Signature: Maryann Dyer		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	
1.8	0.6	0.5	0.55	Time: 1240	0.5	31.6	446	0.21	4.78	65	7.34
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1							
PAR Data: (umol/m ² /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	1255	Blank	33.1	1	0	7.79	109	6.33
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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