

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

Page 1 of 1

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 \$Chloroa, _prep O-PO4, Color, NOX TOC NH3, TKN, TN, T-PO4, NO3, ONIT Turb, NO2, TSS, Silica, Bod, Bodi Mug2QT, Entero						
Sample Collector(s) (please print): MaryAnn Dugan / Nicole Reistad / Natalie Stivers		Sample Collector Signature: MaryAnn Dugan								
Relinquished By: (signature) Nicole Reistad	Date 01/23/19	Time 1415	Received By: (signature) [Signature]							
Relinquished By: (signature) MaryAnn Dugan	Date 01/23/19	Time	Received By: (signature)							
Relinquished By: (signature) Natalie Stivers	Date 1/23/19	Time	Received By: (signature)	Preservatives (see codes) NP NPF S S NP ST						
Sample(s) on ice ☒ Yes or ☐ No? Temperature °C: 0.7°C										
Collection Date	Time	Sample Description & Location	Matrix (see codes)	# of Sample Containers Submitted						Lab ID #
01/23/19	1020	CRNEP_RS #413	SWE	1	1	1	1	2	1	AD97299
01/23/19	1150	CRNEP_RS #429	SWE	1	1	1	1	2	1	AD97300
01/23/19	1055	CRNEP_RS #417	SWE	1	1	1	1	2	1	AD97301
01/23/19	1125	CRNEP_RS #428	SWE	1	1	1	1	2	1	AD97302
01/23/19	0950	CRNEP_RS #403	SWE	1	1	1	1	2	1	AD97303
		CRNEP_RSBOT #403 Bottom	SWE	1	1	1	1	2	1	AD97304
01/23/19	1225	CRNEP_EQ # BLANK	SWE	1	1	1	1	2	1	AD97305

**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: 01/23/2019	Site# 403	Region: 1 2	Blank Time:	Blank Storet Code:						
Time: 0950	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: 26.55626942	Lat: 26.55627	Wind dir/spd: E/10 mph or knots (circle)								
Long: -81.94092512	Long: -81.94113	Wave ht: 0.3 ft (m) (Circle)								
Samplers/FDEP: (NR) (MD) KW JB CC SC GS (NS)		Cld cover (%): 5 Hazy (circle) Clear (circle) Fog Rain								
Sampler 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
2.0	2.0	2.0	2.0	0.5	17.3	28550	98.8	8.47	98.0	7.85
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1			17.66			
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	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

FWC: Sarah Erickson or Tony Yard (941) 613-0945

FDEP: Kirby Wolfe (239) 470-0873

Page 1 of 5

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 01/23/2019	Site# 413	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 1020	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: 26.569339	Lat: 26.56943		Wind dir/spd: E/10	mph or knots (circle)							
Long: -81.91226271	Long: -81.91237		Wave ht: 0.2	ft (m) (circle)							
Samplers/FDEP: NR MD KW JB CC SC GS NS			Cld cover (%): 15	Hazy	Clear	Fog	Rain				
Sampler 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	
1.4	1.4	1.4	1.4	Time: 1020	0.5	17.6	27881	17.20	8.55	99.4	7.94
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	Blank							
Additional Comments & Observations:											
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

FWC: Sarah Erickson or Tony Yard (941) 613-0945

FDEP: Kirby Wolfe (239) 470-0873

Page 2 of 5

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 01/16/2019	Site# 417	Region: 1 2	Blank Time:	Blank Storet Code:			
Time: 1055	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: 26.58736267		Lat: 26.58734		Wind dir/spd: E/10 mph or knots (circle)			
Long: -81.92332092		Long: -81.92336		Wave ht: 0.3 ft (m) (Circle)			
Samplers/FDEP: NR MD KW JB CC SC GS NS		Cld cover (%): 35		Hazy () Clear () Fog () Rain ()			
Sampler 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			
1.4		0.9		0.9			
Secchi Average/m		0.9					
BOTTOM TYPE: seagrass mud sand hard bottom UNK		Water Data: (0.01)					
PAR Data: (umol/m ² /s)		Air Sensor		Shallow In-Water Sensor			
Depth (m)		Deck		0.5 m			
Reading:				1.0 m			
Time:							
Depth (m)		Deck		0.5 m			
Reading:				1.0 m			
Time:							
Depth (m)		Deck		0.5 m			
Reading:				1.0 m			
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				Type			
FWC: Sarah Erickson or Tony Yard (941) 613-0945				SID			
FDEP: Kirby Wolfe (239) 470-0873				FLO			

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 01/23/2019	Site# 428	Region: 1 2	Blank Time:	Blank Storet Code:						
Time: 1125	Sonde: SN8K	3 4 5	DUP Time:	Duplicate Storet Code:						
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:						
GPS Selected:	GPS Actual:		Weather Conditions:							
Lat: 26.62443094	Lat: 26.62466		Wind dir/spd: E / 10 mph or (knots) (circle)							
Long: -81.91281756	Long: -81.91290		Wave ht: 0.3 ft m (Circle)							
Samplers/FDEP: NR MD KW JB CC SC GS NS			Cld cover (%): 65 Hazy Clear Fog Rain							
Sampler 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
1.7	0.5	0.4	0.45	0.5	17.9	16361	9.63	8.48	94.6	7.94
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1						
PAR Data: (umol/m ² /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:				6						
Depth (m)	Deck	0.5 m	1.0 m	7						
Reading:				Bottom Depth						
Time:				Blank						
Additional Comments & Observations:										
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

FWC: Sarah Erickson or Tony Yard (941) 613-0945

FDEP: Kirby Wolfe (239) 470-0873

Page 4 of 5

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 01/16/2019	Site# 429	Region: 1 2	Blank Time: 1225	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: 26.62367148	Lat: 26.62371		Wind dir/spd: E / 12 mph or knots (circle)							
Long: -81.89887423	Long: -81.89892		Wave ht: 0.3 ft m (Circle)							
Samplers/FDEP: (NR) (MD) KW JB CC SC GS (NS)			Cld cover (%): 85 Hazy (circle) Clear (circle) Fog Rain							
Sampler 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
2.2	1.0	0.9	0.95	0.5	17.4	19123	11.4	8.96	100.2	7.97
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	25.0	1.2	0.00	7.99	96.8	7.87
Reading:				Additional Comments & Observations:						
Time:										
Pre/Post PAR readings; (Only on 1st & last sample of trip)					Time:		Type	SID		
UW Shallow:					UW Deep:		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

Page 5 of 5