

LCEL

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

Analysis Request

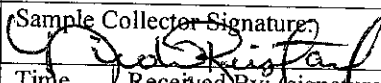
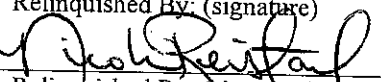
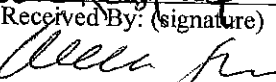
&

Chain of Custody Record

LCEL does not accept any samples used for evidentiary purposes

Lab Certification: E45049
LCEL F COC 20150828R1

Page 1 of 1

Report/Result Information				Billing/Invoice Information				Analyses Required			
Name: FDEP - South		Name: DNR		Matrix Codes:		Preservative Codes:					
ATTN: Kirby Wolfe		RE: CCHMN-Tidal Caloosa		DW-Drinking water		NP-No Preservative					
Address: 2295 Victoria Ave, Suite 364		Address: 1500 Monroe St		GW- Ground water		N-Nitric Acid					
PO Box 2549		Ft Myers, FL 33901		WW-Waste water		S-Sulfuric Acid					
Phone: (239) 344-5719		Phone: (239) 533-8109		SW-Surface water		H-Hydrochloric Acid					
Sample Collector(s) (please print): Nicole Reistad		Sample Collector Signature: 		WWS-Wastewater Sludge		SH-Sodium Hydroxide					
Relinquished By: (signature) 		Time Received By: (signature) 		S-Sediment		ST-Sodium Thiosulfate					
Relinquished By: (signature)		Time Received By: (signature)		O-Other		O-Other					
Relinquished By: (signature)		Time Received By: (signature)									
Sample(s) on ice ☒ Yes or ☐ No? Temperature °C: 2.5				Preservatives (see codes)							
Collection Time				NP NPF S S NP ST							
Sample Description & Location				# of Sample Containers Submitted							
Matrix (see codes)				Lab ID #							
02/20/2019	1150	CRNEP_RS #462 J	SWE	1	1	1	2	1	AE01206		
		CRNEP_RSBOT #462 Bottom	SWE	1	1	1	2	1	AE01207		
02/20/2019	1045	CRNEP_RS #453 J	SWE	1	1	1	2	1	AE01208		
02/20/2019	1105	CRNEP_RS #454 J	SWE	1	1	1	2	1	AE01209		
02/20/2019	0935	CRNEP_RS #429 J	SWE	1	1	1	2	1	AE01210		
02/20/2019	1005	CRNEP_RS #435 J	SWE	1	1	1	2	1	AE01211		
		CRNEP_RSBOT #435 Bottom	SWE	1	1	1	2	1	AE01212		
02/20/2019	1200	CRNEP_EQ #462	SWE	1	1	1	2	1	AE01213		

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: 02/20/2019	Site# 429	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 0935	Sonde: SNEK	3 4 5	DUP Time:	Duplicate Storet Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:							
GPS Selected:	GPS Actual: 26.62028		Weather Conditions:								
Lat: 26.6202387	Lat: 26.602		Wind dir/spd: 3 NE 13 mph or knots (circle)								
Long: -81.88929963	Long: -81.88927		Wave ht: 0.0 ft (m) (Circle)								
Samplers/FDEP: NR MD KW JB CC SC GS			Cld cover (%): 50 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	Time:	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
				0935	0.5	24.6	11319	6.43	6.53	81.3	7.62
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:		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 1 of 5

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 02/20/2019	Site# 435	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 1005	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: 26.64451198	Lat: 26.64456		Wind dir/spd: 10 NE/8 mph or knots (circle)								
Long: -81.88770726	Long: -81.88797		Wave ht: 0.3 ft m (Circle)								
Samplers/FDEP: NR MD KW JB CC SC GS			Cld cover (%): 85 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)							
2.2	0.9	0.9	0.9	Time:	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
				1005	0.5	24.8	3551	1.86	7.60	92.6	8.10
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: 02/20/2019	Site# 453	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: 26.68570477		Lat: 26.68713		Wind dir/spd: N ²⁸ NE/5 mph or (knots) (circle)							
Long: -81.83569985		Long: -81.83579		Wave ht: 0.1 ft (m) (Circle)							
Samplers/FDEP: (NR) MD KW JB CC SC GS				Cld cover (%): 85 Hazy (circle) Clear (circle) Fog Rain							
Sampler Signature: <i>[Signature]</i>				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	
1.1	0.8	0.7	0.75	Time: 1045	0.5	25.2	711	0.35	6.83	83.1	7.97
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1							
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			
				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 3 of 5

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 02/20/2019	Site# 454	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 1105	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: 26.6897822	Lat: 26.68987		Wind dir/spd: NE/5 mph or knots (circle)								
Long: -81.83239049	Long: -81.83256		Wave ht: 0.1 ft (m) (Circle)								
Samplers/FDEP: NR MD KW JB CC SC GS			Cld cover (%): 85 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
1.7	1.1	1.0	1.05	1105	0.5	26.0	647	0.31	6.48	80.0	7.82
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:											
Additional Comments & Observations:											
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

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 02/20/2019	Site# 462	Region: 1 2	Blank Time: 1200	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: 26.70130462	Lat: 26.70143	Wind dir/spd: NE / 5 mph or knots (circle)									
Long: -81.78873162	Long: -81.78862	Wave ht: 0.1 ft (m) (Circle)									
Samplers/FDEP: NR MD KW JB CC SG GS		Cld cover (%): 75 Hazy (circle) Clear (circle) 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)							
2.0	0.9	1.0	0.95	Time:	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
				1150	0.5	25.5	630	0.30	7.22	88.2	7.84
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	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:				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 5 of 5