

LCEL

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

Analysis Request & Chain of Custody Record

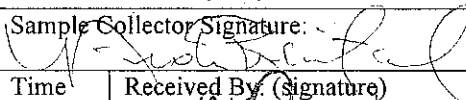
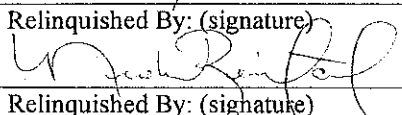
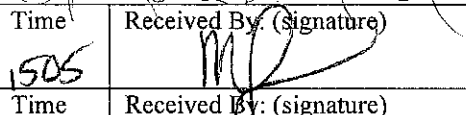
Lab Certification: E45049
LCEL_F COC 20150828R1

LCEL does not accept any samples used for evidentiary purposes

Report/Result Information

Billing/Invoice Information

Page 1 of 1

Name: FDEP - South		Name: DNR		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 33901		Address: 1500 Monroe St Ft Myers, FL 33901										
Phone: (239) 344-5719		Phone: (239) 533-8109										
Sample Collector(s) (please print): Nicole Reistadt/Miranda Carroll Chris Hornum				Sample Collector Signature: 				Analyses Required				
Relinquished By: (signature) 		Date 12/11/19		Time 1505		Received By: (signature) 						
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: 3.2°C				Preservatives (see codes)								
Collection Date Time		Sample Description & Location		Matrix (see codes)		# of Sample Containers Submitted				Lab ID #		
12/11/19 1035		CRNEP_RS #394		SWE		1	1	1	1	2	1	AE32709
12/11/19 1230		CRNEP_RS #449		SWE		1	1	1	1	2	1	AE32710
12/11/19 1205		CRNEP_RS #443		SWE		1	1	1	1	2	1	AE32711
12/11/19 0955		CRNEP_RS #392		SWE		1	1	1	1	2	1	AE32712
		CRNEP_RSBOT #392 Bottom <i>DID NOT SAMPLE</i>		SWE		1	1	1	1	2	1	AE32713
12/11/19 1120		CRNEP_RS #424		SWE		1	1	1	1	2	1	AE32714
12/11/19 1415		CRNEP_EQ #		SWE		1	1	1	1	2	1	AE32715

**SAMPLES SHOULD BE IN WET ICE & LESS THAN 6° C (42.8°F)
OR THEY MAYBE QUALIFIED***

*Qualified data may not be accurate and regulatory agencies may not accept qualified data

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 12/11/2019	Site# 392	Region: 1 2	Blank Time:	Blank Storet Code:						
Time: 0955	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: 26.53984838	Lat: 26.53927		Wind dir/spd: 0/0 mph or (knots) (circle)							
Long: -81.99169052	Long: -81.99398		Wave ht: 0 ft (m) (Circle)							
Samplers/FDEP: (NR) MD KW JB CC SC GS (CH)			Cld cover (%): 8 Hazy (circle) Clear (circle) 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
0.7	0.7	0.7	0.7 "S"	0.5	22.3	NR	28.76	6.50	88.4	7.70
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1		44.06	28.72			
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: 1058	1031.7	835.22	476.95	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: 0957				Type	SID	
UW Shallow: 1590.6 UW Deep: 1554.3				Air: 1972.6				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: 12/11/2019	Site# 394	Region: 1 2	Blank Time:	Blank Storet Code:
Time: 1035	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: 26.53403275	Lat: 26.53402	Wind dir/spd: 0/0 mph or knots (circle)		
Long: -81.95637819	Long: -81.95643	Wave ht: 0 ft (m (Circle))		
Samplers/FDEP: NR MD KW JB CC GS MC CH		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)
2.6	2.1	2.0	2.05	
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: 1041	363.04	148.56	75.466	
Depth (m)	Deck	1.5-0.5 m	2.0-1.0 m	
Reading:				
Time: 1042	338.41	22.649	13.462	
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:				
UW Shallow: UW Deep: Air:				
Type				SID
FLO				

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Page 2 of 5

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 12/11/2019	Site# 424	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 1120	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: 26.60070318		Lat: 26.60058		Wind dir/spd: 010 mph or knots (circle)							
Long: -81.8975371		Long: -81.89758		Wave ht: 0 ft (m (Circle))							
Samplers/FDEP: (NR) MD KW JB CC SC GS (CH)		Cld cover (%): 35		Hazy () Clear (X) 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	
2.7	1.1	1.0	1.05	Time: 1120	0.5	23.0	24709	15.04	8.07	102.5	7.86
BOTTOM TYPE: seagrass (mud) sand hard bottom UNK				1121	1	22.9	25300	15.43	7.66	97.6	7.78
PAR Data: (umol/m²/s)				1122	2	22.3	29543	18.30	6.18	79.0	7.65
Air Sensor				1123	2.2	22.3	29544	18.30	6.17	78.9	7.66
Shallow In-Water Sensor					4						
Deep In-Water Sensor					5						
Depth (m)					6						
Deck					7						
Reading:					Bottom Depth						
Time: 1124					Blank						
1501.7											
368.72											
173.77											
Depth (m)											
Deck											
0.5 m											
1.0 m											
Reading:											
Time: 1125											
1505.9											
112.67											
51.614											
Depth (m)				Additional Comments & Observations:							
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:						

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Page 3 of 5

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 12/11/2019	Site# 449	Region: 1 2	Blank Time: 1415	Blank Storet Code:							
Time: 1230	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: 26.67189535	Lat: 26.67189		Wind dir/spd: SW/2 mph or knots (circle)								
Long: -81.84069176	Long: -81.84063		Wave ht: 0.1 ft/m (Circle)								
Samplers/FDEP: (NR) MD KW JB CC SC GS (CH)			Cld cover (%): 25/10 NR Hazy Clear Fog Rain								
Sampler Signature: [Signature]			Tide Level: LS NR 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)							
1.9	1.2	1.1	1.15	Time:	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
				1230	0.5	24.0	18634	11.04	10.00	126.7	8.13
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1231	1	22.8	23099	13.99	4.32	60.54	7.56
PAR Data: (umol/m²/s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	1232	1.4	22.5	23323	14.12	4.04	50.6	7.45
Depth (m)	Deck	0.5 m	1.0 m		3						
Reading:					4						
Time: 1328	1528.9	458.32	168.82		5						
Depth (m)	Deck	1.4-0.5 m	1.9 4.0 m		6						
Reading:					7						
Time: 1329	1533.5	86.386	34.442	1415	Blank	28.1	12	0.00	6.63	84.8	7.47
Depth (m)	Deck	0.5 m	1.0 m	Additional Comments & Observations:							
Reading:											
Time:											
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time: 1233				Type	SID		
UW Shallow: 2396.3 UW Deep: 2220.6 Air: 2180.9								FLO			

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Page 5 of 5