

# 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

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|                                                                                                                                                                    |  |                                                      |  |                                                                                                                                                       |  |                                                                                                                                                                        |  |                 |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------|--|
| <b>Name:</b> FDEP - South                                                                                                                                          |  | <b>Name:</b> DNR                                     |  | <b>Matrix Codes:</b><br>DW-Drinking water<br>GW- Ground water<br>WW-Waste water<br>SW-Surface water<br>WWS-Wastewater Sludge<br>S-Sediment<br>O-Other |  | <b>Preservative Codes:</b><br>NP-No Preservative<br>N-Nitric Acid<br>S-Sulfuric Acid<br>H-Hydrochloric Acid<br>SH-Sodium Hydroxide<br>ST-Sodium Thiosulfate<br>O-Other |  |                 |  |
| <b>ATTN:</b> Kirby Wolfe                                                                                                                                           |  | <b>RE:</b> CCHMN-Tidal Caloosa                       |  |                                                                                                                                                       |  |                                                                                                                                                                        |  |                 |  |
| <b>Address:</b> 2295 Victoria Ave, Suite 364<br>PO Box 2549<br>Ft Myers FL 33901                                                                                   |  | <b>Address:</b> 1500 Monroe St<br>Ft Myers, FL 33901 |  |                                                                                                                                                       |  |                                                                                                                                                                        |  |                 |  |
| <b>Phone:</b> (239) 344-5719                                                                                                                                       |  | <b>Phone:</b> (239) 533-8109                         |  |                                                                                                                                                       |  |                                                                                                                                                                        |  |                 |  |
| <b>Sample Collector(s) (please print):</b><br>Nicole Reistad/Miranda Carroll/Chris Hormath                                                                         |  |                                                      |  | <b>Sample Collector Signature:</b>                                                                                                                    |  |                                                                                                                                                                        |  |                 |  |
| <b>Relinquished By: (signature)</b>                                                                                                                                |  | <b>Date</b>                                          |  | <b>Time</b>                                                                                                                                           |  | <b>Received By: (signature)</b>                                                                                                                                        |  |                 |  |
| <b>Relinquished By: (signature)</b>                                                                                                                                |  | <b>Date</b>                                          |  | <b>Time</b>                                                                                                                                           |  | <b>Received By: (signature)</b>                                                                                                                                        |  |                 |  |
| <b>Relinquished By: (signature)</b>                                                                                                                                |  | <b>Date</b>                                          |  | <b>Time</b>                                                                                                                                           |  | <b>Received By: (signature)</b>                                                                                                                                        |  |                 |  |
| <b>Analyses Required</b><br>\$Chloroa, _prep<br>O-PO4, Color, NOX<br>TOC<br>NH3, TKN, TN, T-PO4, NO3, ONIT<br>Turb, NO2, TSS, Silica, Bod, Bodi<br>Mug2QT, Enteroc |  |                                                      |  |                                                                                                                                                       |  |                                                                                                                                                                        |  |                 |  |
| <b>Preservatives (see codes)</b><br>NP NPF S S NP ST                                                                                                               |  |                                                      |  |                                                                                                                                                       |  |                                                                                                                                                                        |  |                 |  |
| <b>Sample(s) on ice</b> <input checked="" type="checkbox"/> Yes or <input type="checkbox"/> No? <b>Temperature °C:</b> 3.7°C                                       |  |                                                      |  |                                                                                                                                                       |  |                                                                                                                                                                        |  |                 |  |
| <b>Collection</b><br>Date Time                                                                                                                                     |  | <b>Sample Description &amp; Location</b>             |  | <b>Matrix</b><br>(see codes)                                                                                                                          |  | <b># of Sample Containers Submitted</b>                                                                                                                                |  | <b>Lab ID #</b> |  |
| 03/18/20 1215                                                                                                                                                      |  | CRNEP_RS #437                                        |  | SWE                                                                                                                                                   |  | 1 1 1 1 2 1                                                                                                                                                            |  | AE42778         |  |
| 03/18/20 1140                                                                                                                                                      |  | CRNEP_RS #428                                        |  | SWE                                                                                                                                                   |  | 1 1 1 1 2 1                                                                                                                                                            |  | AE42779         |  |
| 03/18/20 1005                                                                                                                                                      |  | CRNEP_RS #393                                        |  | SWE                                                                                                                                                   |  | 1 1 1 1 2 1                                                                                                                                                            |  | AE42780         |  |
| 03/18/20 1120                                                                                                                                                      |  | CRNEP_RS #423                                        |  | SWE                                                                                                                                                   |  | 1 1 1 1 2 1                                                                                                                                                            |  | AE42781         |  |
| 03/18/20 1055                                                                                                                                                      |  | CRNEP_RS #413                                        |  | SWE                                                                                                                                                   |  | 1 1 1 1 2 1                                                                                                                                                            |  | AE42782         |  |
| 03/18/20 1230                                                                                                                                                      |  | CRNEP_EQ #                                           |  | SWE                                                                                                                                                   |  | 1 1 1 1 2 1                                                                                                                                                            |  | AE42783         |  |
|                                                                                                                                                                    |  |                                                      |  |                                                                                                                                                       |  |                                                                                                                                                                        |  |                 |  |
|                                                                                                                                                                    |  |                                                      |  |                                                                                                                                                       |  |                                                                                                                                                                        |  |                 |  |
|                                                                                                                                                                    |  |                                                      |  |                                                                                                                                                       |  |                                                                                                                                                                        |  |                 |  |

**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 CALOOSA HATCHEE DATA SHEET

Site Storet Code:

|                                                            |                       |                      |                  |                                                                                        |                  |                      |              |                         |                      |      |
|------------------------------------------------------------|-----------------------|----------------------|------------------|----------------------------------------------------------------------------------------|------------------|----------------------|--------------|-------------------------|----------------------|------|
| Date: 03/18/2020                                           | Site# 393             | 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: 26.53807793                                           |                       | Lat: 26.53812        |                  | Wind dir/spd: E / 5 mph or (knots) (circle)                                            |                  |                      |              |                         |                      |      |
| Long: -81.97699032                                         |                       | Long: -81.97703      |                  | Wave ht: 0.2 ft (m) (Circle)                                                           |                  |                      |              |                         |                      |      |
| Samplers/FDEP: NR KW GS JB CC MC CH                        |                       |                      |                  | Cld cover (%): 5 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                                            |                  |                      |              |                         |                      |      |
| 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   |
| 3.4                                                        | 2.6                   | 2.6                  | 2.6              | 0.5                                                                                    | 25.0             | 34640                | 21.35        | 7.16                    | 97.8                 | 7.82 |
| BOTTOM TYPE: seagrass mud sand hard bottom UNK             |                       |                      |                  | 1                                                                                      | 25.0             | 34265                | 21.50        | 7.06                    | 96.5                 | 7.89 |
| PAR Data: (umol/m²/s)                                      |                       |                      |                  | 2                                                                                      | 25.1             | 36580                | 23.11        | 6.47                    | 89.4                 | 7.85 |
| Air Sensor                                                 |                       |                      |                  | 3                                                                                      |                  |                      |              |                         |                      |      |
| Shallow In-Water Sensor                                    |                       |                      |                  | 4                                                                                      |                  |                      |              |                         |                      |      |
| Deep In-Water Sensor                                       |                       |                      |                  | 5                                                                                      |                  |                      |              |                         |                      |      |
| Depth (m)                                                  | Deck                  | 0.5 m                | 1.0 m            | 6                                                                                      |                  |                      |              |                         |                      |      |
| Reading:                                                   | NR 1982.2             | NR 1890.8            | NR 1697.4        | 7                                                                                      |                  |                      |              |                         |                      |      |
| Time: 1003                                                 | 1139.8                | 458.30               | 320.39           | Bottom Depth 2.9                                                                       | 25.7             | 42863                | 27.54        | 5.28                    | 75.6                 | 7.78 |
| Depth (m)                                                  | Deck                  | 1.5-0.5 m NR         | 2.0-1.0 m NR     | Blank                                                                                  |                  |                      |              |                         |                      |      |
| Reading:                                                   |                       |                      |                  | Additional Comments & Observations: L100R pole not long enough to take label on bottle |                  |                      |              |                         |                      |      |
| Time:                                                      |                       |                      |                  | * H2SO4 looked muddy; used our own acid after rinsing *                                |                  |                      |              |                         |                      |      |
| Pre/Post PAR readings; (Only on 1st & last sample of trip) |                       |                      |                  | Time: 1002                                                                             |                  |                      |              | Type                    | SID                  |      |
| UW Shallow: 1890.8 UW Deep: 1697.4                         |                       |                      |                  | Air: 1982.2                                                                            |                  |                      |              | 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

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## CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

|                                                            |  |  |  |                       |  |                                         |  |                                                                                                                                        |  |                        |  |
|------------------------------------------------------------|--|--|--|-----------------------|--|-----------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|--|
| Date: 03/18/2020                                           |  |  |  | Site# 413             |  | Region: 1 2                             |  | Blank Time:                                                                                                                            |  | Site Storet Code:      |  |
| Time: 1055                                                 |  |  |  | Sonde: SNEK           |  | 3 4 5                                   |  | Blank Storet Code:                                                                                                                     |  |                        |  |
| Collecting Agency: FDEP                                    |  |  |  |                       |  |                                         |  | DUP Time:                                                                                                                              |  | Duplicate Storet Code: |  |
| GPS Selected:                                              |  |  |  |                       |  |                                         |  | Bottom Time:                                                                                                                           |  | Bottom Storet Code:    |  |
| GPS Actual:                                                |  |  |  | GPS Actual:           |  | Weather Conditions:                     |  |                                                                                                                                        |  |                        |  |
| Lat: 26.57465506                                           |  |  |  | Lat: 26.57474         |  | Wind dir/spd: E/5 mph or knots (circle) |  |                                                                                                                                        |  |                        |  |
| Long: -81.90612059                                         |  |  |  | Long: -81.90612       |  | Wave ht: 0.1 ft (m) (circle)            |  |                                                                                                                                        |  |                        |  |
| Samplers/FDEP: NR KW GS JB CC MC CH                        |  |  |  |                       |  |                                         |  | Cld cover (%): 5 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                    |  | Water Data: (0.01)                                                                                                                     |  |                        |  |
| 1.8                                                        |  |  |  | 1.8                   |  | 1.8                                     |  | Sample Depth (m)                                                                                                                       |  |                        |  |
| 1.8                                                        |  |  |  | 1.8                   |  | 1.8                                     |  | Water Temp. (°C)                                                                                                                       |  |                        |  |
| 1.8                                                        |  |  |  | 1.8                   |  | 1.8                                     |  | Conductivity (mS/cm)                                                                                                                   |  |                        |  |
| 1.8                                                        |  |  |  | 1.8                   |  | 1.8                                     |  | Salinity (‰)                                                                                                                           |  |                        |  |
| 1.8                                                        |  |  |  | 1.8                   |  | 1.8                                     |  | Dissolved Oxygen (mg/l)                                                                                                                |  |                        |  |
| 1.8                                                        |  |  |  | 1.8                   |  | 1.8                                     |  | Dissolved Oxygen (%)                                                                                                                   |  |                        |  |
| 1.8                                                        |  |  |  | 1.8                   |  | 1.8                                     |  | pH                                                                                                                                     |  |                        |  |
| BOTTOM TYPE: seagrass (mud) sand hard bottom UNK           |  |  |  |                       |  |                                         |  | Time: 1055                                                                                                                             |  |                        |  |
| PAR Data: (umol/m²/s)                                      |  |  |  |                       |  |                                         |  | 1056                                                                                                                                   |  |                        |  |
| Air Sensor                                                 |  |  |  |                       |  |                                         |  | 0.5                                                                                                                                    |  |                        |  |
| Shallow In-Water Sensor                                    |  |  |  |                       |  |                                         |  | 25.4                                                                                                                                   |  |                        |  |
| Deep In-Water Sensor                                       |  |  |  |                       |  |                                         |  | 26.710                                                                                                                                 |  |                        |  |
| Depth (m)                                                  |  |  |  |                       |  |                                         |  | 16.40                                                                                                                                  |  |                        |  |
| Deck                                                       |  |  |  |                       |  |                                         |  | 7.51                                                                                                                                   |  |                        |  |
| 0.5 m                                                      |  |  |  |                       |  |                                         |  | 100.4                                                                                                                                  |  |                        |  |
| 1.0 m                                                      |  |  |  |                       |  |                                         |  | 8.18                                                                                                                                   |  |                        |  |
| Reading:                                                   |  |  |  |                       |  |                                         |  | 1056                                                                                                                                   |  |                        |  |
| Time: 1053                                                 |  |  |  |                       |  |                                         |  | 1                                                                                                                                      |  |                        |  |
| 1269.2                                                     |  |  |  |                       |  |                                         |  | 25.3                                                                                                                                   |  |                        |  |
| 458.31                                                     |  |  |  |                       |  |                                         |  | 26.808                                                                                                                                 |  |                        |  |
| 247.64                                                     |  |  |  |                       |  |                                         |  | 16.41                                                                                                                                  |  |                        |  |
| Depth (m)                                                  |  |  |  |                       |  |                                         |  | 7.50                                                                                                                                   |  |                        |  |
| Deck                                                       |  |  |  |                       |  |                                         |  | 100.2                                                                                                                                  |  |                        |  |
| 1.3 0.5 m NR                                               |  |  |  |                       |  |                                         |  | 8.07                                                                                                                                   |  |                        |  |
| 1.8 1.0 m NR                                               |  |  |  |                       |  |                                         |  |                                                                                                                                        |  |                        |  |
| Reading:                                                   |  |  |  |                       |  |                                         |  | 1057                                                                                                                                   |  |                        |  |
| Time: 1054                                                 |  |  |  |                       |  |                                         |  | Bottom Depth 1.5                                                                                                                       |  |                        |  |
| 1229.7                                                     |  |  |  |                       |  |                                         |  | 25.3                                                                                                                                   |  |                        |  |
| 342.10                                                     |  |  |  |                       |  |                                         |  | 28.653                                                                                                                                 |  |                        |  |
| 200.45                                                     |  |  |  |                       |  |                                         |  | 17.65                                                                                                                                  |  |                        |  |
| Depth (m)                                                  |  |  |  |                       |  |                                         |  | 7.63                                                                                                                                   |  |                        |  |
| Deck                                                       |  |  |  |                       |  |                                         |  | 102.5                                                                                                                                  |  |                        |  |
| 0.5 m                                                      |  |  |  |                       |  |                                         |  | 7.97                                                                                                                                   |  |                        |  |
| 1.0 m                                                      |  |  |  |                       |  |                                         |  |                                                                                                                                        |  |                        |  |
| Reading:                                                   |  |  |  |                       |  |                                         |  | Additional Comments & Observations: * H <sub>2</sub> SO <sub>4</sub> looked muddy; used our own acid after rinsing * 4 label on bottle |  |                        |  |
| Time:                                                      |  |  |  |                       |  |                                         |  |                                                                                                                                        |  |                        |  |
| Pre/Post PAR readings; (Only on 1st & last sample of trip) |  |  |  |                       |  |                                         |  | Time:                                                                                                                                  |  |                        |  |
| UW Shallow:                                                |  |  |  | UW Deep:              |  |                                         |  | Type                                                                                                                                   |  |                        |  |
|                                                            |  |  |  |                       |  |                                         |  | SID                                                                                                                                    |  |                        |  |
|                                                            |  |  |  |                       |  |                                         |  | FLO                                                                                                                                    |  |                        |  |

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## CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

|                                                            |                       |                         |                                                |                                     |                  |                  |                      |              |                         |                      |      |
|------------------------------------------------------------|-----------------------|-------------------------|------------------------------------------------|-------------------------------------|------------------|------------------|----------------------|--------------|-------------------------|----------------------|------|
| Date: 03/18/2020                                           | Site# 423             | 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: 26.60166342                                           | Lat: 26.60186         |                         | Wind dir/spd: E/5 mph or knots (circle)        |                                     |                  |                  |                      |              |                         |                      |      |
| Long: -81.90598763                                         | Long: -81.90606       |                         | Wave ht: 0.1 ft m (circle)                     |                                     |                  |                  |                      |              |                         |                      |      |
| Samplers/FDEP: NR KW GS JB CC MC CH                        |                       |                         | Cld cover (%): 10 Hazy (circle) 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)                  |                  |                  |                      |              |                         |                      |      |
| 1.7                                                        | 1.7                   | 1.7                     | 1.7 "S"                                        | Time:                               | Sample Depth (m) | Water Temp. (°C) | Conductivity (mS/cm) | Salinity (‰) | Dissolved Oxygen (mg/l) | Dissolved Oxygen (%) | pH   |
|                                                            |                       |                         |                                                | 1120                                | 0.5              | 25.2             | 23,703               | 14.34        | 7.52                    | 99.0                 | 8.10 |
| BOTTOM TYPE: seagrass mud sand hard bottom UNK             |                       |                         |                                                | 1121                                | 1                | 25.2             | 24,537               | 14.89        | 7.05                    | 93.2                 | 8.01 |
| PAR Data: (umol/m²/s)                                      | Air Sensor            | Shallow In-Water Sensor | Deep In-Water Sensor                           |                                     | 2                |                  |                      |              |                         |                      |      |
|                                                            |                       |                         |                                                |                                     | 3                |                  |                      |              |                         |                      |      |
| Depth (m)                                                  | Deck                  | 0.5 m                   | 1.0 m                                          |                                     | 4                |                  |                      |              |                         |                      |      |
| Reading:                                                   |                       |                         |                                                |                                     | 5                |                  |                      |              |                         |                      |      |
| Time: 1118                                                 | 1534.3                | 723.83                  | 466.73                                         |                                     | 6                |                  |                      |              |                         |                      |      |
| Depth (m)                                                  | Deck                  | 1.2 0.5 m NR            | 1.7 1.0 m NR                                   |                                     | 7                |                  |                      |              |                         |                      |      |
| Reading:                                                   |                       |                         |                                                | 1122                                | Bottom Depth 1.2 | 25.1             | 23,704               | 14.34        | 7.39                    | 97.1                 | 7.97 |
| Time: 1119                                                 | 1652.7                | 335.30                  | 326.61                                         |                                     | Blank            |                  |                      |              |                         |                      |      |
| 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:                               |                  |                  |                      | Type         | SID                     |                      |      |
| UW Shallow:                                                |                       |                         |                                                | UW Deep:                            |                  |                  |                      | FLO          |                         |                      |      |
|                                                            |                       |                         |                                                | Air:                                |                  |                  |                      |              |                         |                      |      |

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## CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

|                                                            |                         |                                               |                  |                         |
|------------------------------------------------------------|-------------------------|-----------------------------------------------|------------------|-------------------------|
| Date: 03/18/2020                                           | Site# 428               | Region: 1 2                                   | Blank Time:      | Blank Storet Code:      |
| Time: 1140                                                 | 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: 26.62588183                                           | Lat: 26.62613           | Wind dir/spd: E/5 mph of knots (circle)       |                  |                         |
| Long: -81.90351025                                         | Long: -81.90359         | Wave ht: 0.1 ft m (Circle)                    |                  |                         |
| Samplers/FDEP: (NR) KW GS JB CC MC (CH)                    |                         | Cld cover (%): 5 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)      |
| 2.1                                                        | 2.1                     | 2.1                                           | 2.1 "S"          | Time: 1140              |
| BOTTOM TYPE: seagrass (mud) sand hard bottom UNK           |                         |                                               |                  | Sample Depth (m)        |
| PAR Data: (umol/m <sup>2</sup> /s)                         |                         |                                               |                  | Water Temp. (°C)        |
| Air Sensor                                                 | Shallow In-Water Sensor | Deep In-Water Sensor                          |                  | Conductivity (mS/cm)    |
| Depth (m)                                                  | Deck                    | 0.5 m                                         | 1.0 m            | Salinity (‰)            |
| Reading:                                                   | 1645.3                  | 458.35                                        | 582.66           | Dissolved Oxygen (mg/l) |
| Time: 1137                                                 |                         |                                               |                  | Dissolved Oxygen (%)    |
| Depth (m)                                                  | Deck                    | 1.5 0.5 m NR                                  | 2.0 1.0 m NR     | pH                      |
| Reading:                                                   |                         |                                               |                  |                         |
| Time: 1138                                                 | 1598.3                  | 71.700                                        | 64.207           |                         |
| 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) |                         |                                               |                  |                         |
| UW Shallow:                                                | UW Deep:                | Time:                                         | Type             | SID                     |
|                                                            |                         |                                               | FLO              |                         |

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## CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

|                                                            |                       |                         |                      |                                         |                  |                      |              |                         |                      |       |      |
|------------------------------------------------------------|-----------------------|-------------------------|----------------------|-----------------------------------------|------------------|----------------------|--------------|-------------------------|----------------------|-------|------|
| Date: 03/18/2020                                           | Site# 437             | Region: 1 2             | Blank Time: 1230     | Blank Storet Code:                      |                  |                      |              |                         |                      |       |      |
| Time: 1215                                                 | 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: 26.64955959                                           |                       | Lat: 26.64957           |                      | Wind dir/spd: E/5 mph or knots (circle) |                  |                      |              |                         |                      |       |      |
| Long: -81.86315282                                         |                       | Long: -81.86323         |                      | Wave ht: 0.05 ft (m) (Circle)           |                  |                      |              |                         |                      |       |      |
| Samplers/FDEP: (NR) KW GS JB CC MC (CH)                    |                       | Cld cover (%): 5        |                      | 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    |      |
| 0.85                                                       | 0.85                  | 0.85                    | 0.85 "S"             | Time: 1215                              | 0.5              | 25.9                 | 22.2 NR      | 13.51                   | 9.31                 | 123.6 | 8.79 |
| BOTTOM TYPE: seagrass (mud) sand hard bottom UNK           |                       |                         |                      | 1                                       |                  | 22,451               |              |                         |                      |       |      |
| PAR Data: (umol/m²/s)                                      | Air Sensor            | Shallow In-Water Sensor | Deep In-Water Sensor | 2                                       |                  |                      |              |                         |                      |       |      |
| Depth (m)                                                  | Deck                  | 0.35 0.5 m NR           | 0.85 1.0 m NR        | 3                                       |                  |                      |              |                         |                      |       |      |
| Reading:                                                   |                       |                         |                      | 4                                       |                  |                      |              |                         |                      |       |      |
| Time: 1213                                                 | 1740.1                | 1087.9                  | 439.56               | 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                | 1230                                    | Blank            | 27.6                 | 7.8          | 0.00                    | 8.00                 | 101.7 | 9.10 |
| Additional Comments & Observations:                        |                       |                         |                      |                                         |                  |                      |              |                         |                      |       |      |
| Pre/Post PAR readings; (Only on 1st & last sample of trip) |                       |                         |                      |                                         |                  |                      |              |                         |                      |       |      |
| Time: 1217                                                 |                       |                         |                      |                                         |                  |                      |              | Type                    | SID                  |       |      |
| UW Shallow: 2582.2 UW Deep: 2425.6 Air: 2099.4             |                       |                         |                      |                                         |                  |                      |              | FLO                     |                      |       |      |

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