

# 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

LCEL does not accept any samples used for evidentiary purposes

Lab Certification: E45049

LCEL F COC 20150828R1

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### Report/Result Information

### Billing/Invoice Information

|                                                                                                                             |  |                                                      |                     |                                                                                                                                                       |            |                                                                                                                                                                        |                          |                          |           |  |  |            |                                           |                                              |                       |
|-----------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|-----------|--|--|------------|-------------------------------------------|----------------------------------------------|-----------------------|
| <b>Name:</b> FDEP - South                                                                                                   |  | <b>Name:</b> DNRM                                    |                     | <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/Chris Hormuth                                                  |  |                                                      |                     | <b>Sample Collector Signature:</b><br>                                                                                                                |            |                                                                                                                                                                        |                          | <b>Analyses Required</b> |           |  |  |            |                                           |                                              |                       |
| <b>Relinquished By: (signature)</b><br>                                                                                     |  | <b>Date</b><br>01/20/21                              | <b>Time</b><br>1457 | <b>Received By: (signature)</b><br>                                                                                                                   |            | <b>\$Chloroa, _prep</b>                                                                                                                                                | <b>O-PO4, Color, NOX</b> |                          |           |  |  | <b>TOC</b> | <b>NH3, TKN, TN,<br/>T-PO4, NO3, ONIT</b> | <b>Turb, NO2, TSS, Silica,<br/>Bod, Bodi</b> | <b>Mug2QT, Entero</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>Sample(s) on ice</b> <input checked="" type="checkbox"/> Yes or <input type="checkbox"/> No? <b>Temperature °C:</b> 28°C |  |                                                      |                     | <b>NP</b>                                                                                                                                             | <b>NPF</b> | <b>S</b>                                                                                                                                                               | <b>S</b>                 | <b>NP</b>                | <b>ST</b> |  |  |            |                                           |                                              |                       |

| Collection |      | Sample Description & Location | Matrix<br>(see codes) | # of Sample Containers Submitted |   |   |   |   |   | Lab ID # |
|------------|------|-------------------------------|-----------------------|----------------------------------|---|---|---|---|---|----------|
| Date       | Time |                               |                       |                                  |   |   |   |   |   |          |
| 01/20/21   | 1150 | CRNEP_RS #449                 | SWE                   | 1                                | 1 | 1 | 1 | 2 | 1 | AE74188  |
| 01/20/21   | 1250 | CRNEP_RS #456                 | SWE                   | 1                                | 1 | 1 | 1 | 2 | 1 | AE74189  |
| 01/20/21   | 1115 | CRNEP_RS #442                 | SWE                   | 1                                | 1 | 1 | 1 | 2 | 1 | AE74190  |
| 01/20/21   | 0910 | CRNEP_RS #394                 | SWE                   | 1                                | 1 | 1 | 1 | 2 | 1 | AE74191  |
| 01/20/21   | 1040 | CRNEP_RS #429                 | SWE                   | 1                                | 1 | 1 | 1 | 2 | 1 | AE74192  |
| 01/20/21   | 1310 | CRNEP_EQ #                    | SWE                   | 1                                | 1 | 1 | 1 | 2 | 1 | AE74193  |
|            |      |                               |                       |                                  |   |   |   |   |   |          |
|            |      |                               |                       |                                  |   |   |   |   |   |          |
|            |      |                               |                       |                                  |   |   |   |   |   |          |

**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: 01/20/2021                                           | Site# 394             | Region: 1 2             | Blank Time:          | Blank Storet Code:                       |                  |                      |              |                         |                      |      |     |
| Time: 0910                                                 | 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: 26.53845657                                           |                       | Lat: 26.53843           |                      | Wind dir/spd: NE/3 mph or knots (circle) |                  |                      |              |                         |                      |      |     |
| Long: -81.96535038                                         |                       | Long: -81.96545         |                      | Wave ht: 0.05 ft (m) (Circle)            |                  |                      |              |                         |                      |      |     |
| Samplers/FDEP: NR KW CH GS JB MC                           |                       | Cld cover (%): 0        |                      | 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     | Sample Depth (m)                         | Water Temp. (°C) | Conductivity (mS/cm) | Salinity (‰) | Dissolved Oxygen (mg/l) | Dissolved Oxygen (%) | pH   |     |
| 2.0                                                        | 1.9                   | 1.8                     | 1.85                 | 0.5                                      | 17.0             | 221                  | 12.24        | 9.06                    | 100.9                | 7.94 |     |
| BOTTOM TYPE: seagrass mud sand hard bottom UNK             |                       |                         |                      | 1                                        | 17.2             | 23863                | 14.51        | 8.79                    | 99.7                 | 7.96 |     |
| 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: 0914                                                 | 1009.0                | 194.67                  | 171.90               | 5                                        |                  |                      |              |                         |                      |      |     |
| Depth (m)                                                  | Deck                  | 1.5 m                   | 2.0 m                | 6                                        |                  |                      |              |                         |                      |      |     |
| Reading:                                                   |                       |                         |                      | 7                                        |                  |                      |              |                         |                      |      |     |
| Time: 0915                                                 | 1052.5                | 69.502                  | 52.651               | Bottom Depth 1.5                         | 17.4             | 26349                | 16.19        | 8.51                    | 98.2                 | 7.94 |     |
| Depth (m)                                                  | Deck                  | 0.5 m                   | 1.0 m                | Blank                                    |                  |                      |              |                         |                      |      |     |
| Additional Comments & Observations:                        |                       |                         |                      |                                          |                  |                      |              |                         |                      |      |     |
| Pre/Post PAR readings; (Only on 1st & last sample of trip) |                       |                         |                      |                                          |                  |                      |              |                         |                      |      |     |
| UW Shallow: 1624.8                                         |                       |                         |                      | UW Deep: 1385.3                          |                  |                      |              | Air: 1456.3             |                      | Type | SID |
|                                                            |                       |                         |                      |                                          |                  |                      |              |                         |                      | 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

Site Storet Code:

|                                                                      |                       |                                             |                      |                        |                  |                      |              |                         |                      |      |
|----------------------------------------------------------------------|-----------------------|---------------------------------------------|----------------------|------------------------|------------------|----------------------|--------------|-------------------------|----------------------|------|
| Date: 01/20/2021                                                     | Site# 429             | Region: 1 2                                 | Blank Time:          | Blank Storet Code:     |                  |                      |              |                         |                      |      |
| Time: 1040                                                           | 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: 26.62767051                                                     | Lat: 26.62768         | Wind dir/spd: NE/2 mph or knots (circle)    |                      |                        |                  |                      |              |                         |                      |      |
| Long: -81.8994701                                                    | Long: -81.89945       | Wave ht: 6.05 ft (m) (Circle)               |                      |                        |                  |                      |              |                         |                      |      |
| Samplers/FDEP: NR KW CH GS JB MC                                     |                       | Cld cover (%): 0 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     | Sample Depth (m)       | Water Temp. (°C) | Conductivity (mS/cm) | Salinity (‰) | Dissolved Oxygen (mg/l) | Dissolved Oxygen (%) | pH   |
| 2.2                                                                  | 1.4                   | 1.4                                         | 1.4                  | Time: 1040 0.5         | 17.8             | 7811                 | 4.34         | 9.46                    | 102.2                | 8.05 |
| BOTTOM TYPE: seagrass mud sand hard bottom UNK                       |                       |                                             |                      | 1041 1                 | 17.4             | 8289                 | 4.63         | 9.46                    | 101.5                | 8.06 |
| PAR Data: (umol/m²/s)                                                | Air Sensor            | Shallow In-Water Sensor                     | Deep In-Water Sensor | 1042 2                 |                  |                      |              |                         |                      |      |
| Depth (m)                                                            | Deck                  | 0.5 m                                       | 1.0 m                | 3                      |                  |                      |              |                         |                      |      |
| Reading:                                                             |                       |                                             |                      | 4                      |                  |                      |              |                         |                      |      |
| Time: 1043                                                           | 1381.3                | 408.43                                      | 130.99               | 5                      |                  |                      |              |                         |                      |      |
| Depth (m)                                                            | Deck                  | 1.5m 0.5 m                                  | 2.0m 1.0 m           | 6                      |                  |                      |              |                         |                      |      |
| Reading:                                                             |                       |                                             |                      | 7                      |                  |                      |              |                         |                      |      |
| Time: 1044                                                           | 1406.4                | 83.437                                      | 44.972               | 1042 Bottom Depth 1.7  | 18.0             | 14,693               | 8.57         | 8.93                    | 99.3                 | 7.97 |
| 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: XNR |                       |                                             |                      |                        |                  |                      |              |                         |                      |      |
| UW Shallow: UW Deep: Air:                                            |                       |                                             |                      |                        | Type             |                      |              | SID                     |                      |      |
|                                                                      |                       |                                             |                      |                        | FLO              |                      |              |                         |                      |      |

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FDEP: Kirby Wolfe (239) 470-0873

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## CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

|                                                                        |                         |                                             |                   |                         |
|------------------------------------------------------------------------|-------------------------|---------------------------------------------|-------------------|-------------------------|
| Date: 01/20/2021                                                       | Site# 442               | Region: 1 2                                 | Blank Time:       | Blank Storet Code:      |
| Time: 1115                                                             | 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: 26.65431666                                                       | Lat: 26.65435           | Wind dir/spd: NE/3 mph or knots (circle)    |                   |                         |
| Long: -81.87555494                                                     | Long: -81.87554         | Wave ht: 0.0 ft (m) (Circle)                |                   |                         |
| Samplers/FDEP: NR KW CH GS JB MC                                       |                         | 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)      |
| 2.2                                                                    | 1.2                     | 1.2                                         | 1.2               | Time: 1115              |
| 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:                                                               |                         |                                             |                   | Dissolved Oxygen (mg/l) |
| Time: 1119                                                             | 1578.5                  | 303.29                                      | 111.70            | Dissolved Oxygen (%)    |
| Depth (m)                                                              | Deck                    | 1.5 m NR 0.5 m NR                           | 2.0 m NR 1.0 m NR | pH                      |
| Reading:                                                               |                         |                                             |                   |                         |
| Time: 1120                                                             | 1601.3                  | 86.943                                      | 43.262            |                         |
| 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                    |
| UW Shallow: UW Deep: Air:                                              |                         |                                             |                   | FLO                     |
| Lee Co Environmental Lab: Keith Kibbey or Mishel Mullan (239) 533-8600 |                         |                                             |                   | SID                     |
| FWC: Sarah Erickson or Tony Yard (941) 613-0945                        |                         |                                             |                   |                         |
| FDEP: Kirby Wolfe (239) 470-0873                                       |                         |                                             |                   |                         |

## CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

|                                                            |                       |                         |                      |                              |                  |                      |              |                         |                      |       |      |
|------------------------------------------------------------|-----------------------|-------------------------|----------------------|------------------------------|------------------|----------------------|--------------|-------------------------|----------------------|-------|------|
| Date: 01/20/2021                                           | Site# 449             | Region: 1 2             | Blank Time:          | 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: 26.68051153                                           | Lat: 26.68055         |                         | Wind dir/spd: NE/2   | mph or knots (circle)        |                  |                      |              |                         |                      |       |      |
| Long: -81.8454903                                          | Long: -81.84557       |                         | Wave ht: 0.05        | ft (m (Circle))              |                  |                      |              |                         |                      |       |      |
| Samplers/FDEP: NR KW CH GS JB MC                           |                       |                         | Cld cover (%): 5     | 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     | Sample Depth (m)             | Water Temp. (°C) | Conductivity (mS/cm) | Salinity (‰) | Dissolved Oxygen (mg/l) | Dissolved Oxygen (%) | pH    |      |
| 1.4                                                        | 1.1                   | 1.1                     | 1.1                  | Time: 1150                   | 0.5              | 19.1                 | 2830         | 1.47                    | 9.31                 | 101.5 | 8.09 |
| BOTTOM TYPE: seagrass mud sand hard bottom UNK             |                       |                         |                      | 1                            |                  |                      |              |                         |                      |       |      |
| PAR Data: (umol/m²/s)                                      | Air Sensor            | Shallow In-Water Sensor | Deep In-Water Sensor | 2                            |                  |                      |              |                         |                      |       |      |
| Depth (m)                                                  | Deck                  | 0.5 m                   | 1.0 m                | 3                            |                  |                      |              |                         |                      |       |      |
| Reading:                                                   |                       |                         |                      | 4                            |                  |                      |              |                         |                      |       |      |
| Time: 1152                                                 | 1567.9                | 446.84                  | 121.99               | 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                     |                      |       |      |

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FDEP: Kirby Wolfe (239) 470-0873

## CCHMN TIDAL CALOOSA HATCHEE DATA SHEET

Site Storet Code:

|                                                            |                       |                         |                                             |                                            |                  |                      |              |                         |                      |      |      |
|------------------------------------------------------------|-----------------------|-------------------------|---------------------------------------------|--------------------------------------------|------------------|----------------------|--------------|-------------------------|----------------------|------|------|
| Date: 01/20/2021                                           | Site# 456             | Region: 1 2             | Blank Time: 1310                            | Blank Storet Code:                         |                  |                      |              |                         |                      |      |      |
| Time: 1250                                                 | 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: 26.69902995                                           |                       | Lat: 26.69907           |                                             | Wind dir/spd: NE/5 mph or (knots) (circle) |                  |                      |              |                         |                      |      |      |
| Long: -81.78392175                                         |                       | Long: -81.78400         |                                             | Wave ht: 0.05 ft (m) (Circle)              |                  |                      |              |                         |                      |      |      |
| Samplers/FDEP: NR KW CH GS JB MC                           |                       |                         | Cld cover (%): 70 Hazy Clear 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   |      |
| 3.9                                                        | 0.9                   | 0.9                     | 0.9                                         | Time: 1250                                 | 0.5              | 18.8                 | 497.4        | 0.24                    | 84.5 NR              | 7.80 |      |
| BOTTOM TYPE: seagrass mud sand hard bottom UNK             |                       |                         |                                             | 1251                                       | 1                | 18.7                 | 523          | 0.25                    | 7.77                 | 83.4 | 7.72 |
| PAR Data: (umol/m²/s)                                      | Air Sensor            | Shallow In-Water Sensor | Deep In-Water Sensor                        | 1252                                       | 2                | 18.6                 | 528          | 0.26                    | 7.74                 | 82.9 | 7.70 |
| Depth (m)                                                  | Deck                  | 0.5 m                   | 1.0 m                                       | 1253                                       | 3                | 18.4                 | 451.93       | 0.46                    | 7.66                 | 81.8 | 7.68 |
| Reading:                                                   |                       |                         |                                             |                                            | 4                |                      |              |                         |                      |      |      |
| Time: 1255                                                 | 1474.5                | 243.67                  | 110.21                                      |                                            | 5                |                      |              |                         |                      |      |      |
| Depth (m)                                                  | Deck                  | 0.5 m                   | 1.0 m                                       |                                            | 6                |                      |              |                         |                      |      |      |
| Reading:                                                   |                       |                         |                                             |                                            | 7                |                      |              |                         |                      |      |      |
| Time: 1256                                                 | 1459.1                | 44.684                  | 14.781                                      | 1254                                       | Bottom Depth 3.4 | 18.9                 | 1371         | 0.69                    | 87.53                | 81.4 | 7.68 |
| 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: 1308                                 |                  |                      |              | Type                    | SID                  |      |      |
| UW Shallow: 2361.7 UW Deep: 2306.8                         |                       |                         |                                             | Air: 2035.7                                |                  |                      |              | FLO                     |                      |      |      |

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