

LOXA-NB10-P45

Frequency: Monthly

Date: 9.12.07

Collectors: REG  
TLT Continued from page: -

Pilot:

Glen Callagheer

Collectors and Tasks:

Weather:

Fairly CloudyREG - Collection75°F Visibility: UnlimitedTLT - Nobs. Socks

Methods: Three 1L nalgene bottles are used for sample collection; sites accessed by float helicopter.  
 Samples processed at Refuge water lab and analyzed at CAS in Jacksonville.

## Equipment

Bucket #'s:

A, B

Tray #'s:

Measuring stick/pvc pipe

Other: syringes and .45u filters

## General Information

| Sample #   | Sam. Collect w/ plot? (Y,N) | Collection time | Processing time | Site name | Sample type (SP, EB, FCEB, RS) | dcs (depth to consolidated substrate) (m) | Tdepth (depth of water column) (m) | Amount of suspended solids (NV, L, M, H) | pH<2? (Y/N) | Approx. dis. from heli. to perimeter of site | Collected by: | Processed by: | Partial, Full, None collect (P,F, or N) |
|--|-----------------------------|-----------------|-----------------|-----------|--------------------------------|---|------------------------------------|--|-------------|--|---------------|---------------|---|
| 1  | Y                           | 7:45            | 9:51            | 114       | SP                             | 0.65                                      | 0.13                               | L  | Y           | 22   | REG           | TLT           | P                                       |
| Description of Site: <u>Phytoplankton, ciliates, wheel water lily, Spadclock, Sargass, pericoma</u><br><u>Suspended by sandbars, molluscs, wax mylar, chicken holly</u><br><u>Water column fairly clear, easy disturbed, bladderwort, periphyton</u> |                             |                 |                 |           |                                |   |                                    |  |             |  |               |               |   |
| Sample desc./comments:<br><u>Lab sample: light Brown, light small sized SS</u>   |                             |                 |                 |           |                                |   |                                    |  |             |  |               |               |   |

Signature/Date:

Reviewed by/Date:

Continued on page: 46

| Sample #  | Collect w/i plot? (Y,N) | Collection time | Processing time | Site name | Sample type (SP, EB, FCEB, RS) | dc (m) | Tdepth (m) | Amt. Suspended solids (NV, L, M, H) | pH<2? (Y,N) | Dis from site to copter (M) | Collected by: | Processed by: | Partial, Full, None collect (P,F,N) |
|---|-------------------------|-----------------|-----------------|-----------|--------------------------------|--------|------------|-------------------------------------|-------------|-----------------------------|---------------|---------------|-------------------------------------|
| 2   | Y                       | 7:50            | 10:10           | AM3       | SP                             | 0.33   | 0.17       | L                                   | Y           | 25                          | REG           | TLT           | P                                   |
| Description of Site: Rhynchospora, elaeocharis, white water lily, sparrowdock, sawgrass, Melaleuca trees.   |                         |                 |                 |           |                                |        |            |                                     |             |                             |               |               |                                     |
| Sample desc./comments: Bladderwort, Paspalum, fairy clover, easily disturbed  |                         |                 |                 |           |                                |        |            |                                     |             |                             |               |               |                                     |
| light brown, light green  |                         |                 |                 |           |                                |        |            |                                     |             |                             |               |               |                                     |
| 3   | N                       | 8:02            | 10:12           | AM        | SP                             | 0.35   | 0.18       | M                                   | Y           | 15                          | REG           | REG           | P                                   |
| Description of Site: # Sampled 20 meters west of plot to avoid ripples by clapper Rhynchospora, white water lily, Melaleuca trees, surrounded by sawgrass, Melaleuca trees. |                         |                 |                 |           |                                |        |            |                                     |             |                             |               |               |                                     |
| Sample desc./comments: light brown, medium, small-sized ss  |                         |                 |                 |           |                                |        |            |                                     |             |                             |               |               |                                     |
| 4   | Y                       | 8:16            | 10:19           | AM        | SP                             | 0.38   | 0.26       | L                                   | Y           | 30                          | REG           | TLT           | F                                   |
| Description of Site: Sagittaria, Rorippa, elongata, clethra, elongata, Rhynchospora, sawgrass, surrounded by cattail, sawgrass, Melaleuca trees.                            |                         |                 |                 |           |                                |        |            |                                     |             |                             |               |               |                                     |
| Sample desc./comments: light brown, light green, easily disturbed, not a lot of open water  |                         |                 |                 |           |                                |        |            |                                     |             |                             |               |               |                                     |
| 5   | Y                       | 8:30            | 10:24           | AM        | SP                             | 0.30   | 0.14       | M                                   | Y           | 30                          | REG           | REG           | P                                   |
| Description of Site: lots of Paspalum, sparrowdock, thin spike rush, surrounded by sawgrass, Melaleuca trees.   |                         |                 |                 |           |                                |        |            |                                     |             |                             |               |               |                                     |
| Sample desc./comments: light brown w/ moderate amt of med. sized ss   |                         |                 |                 |           |                                |        |            |                                     |             |                             |               |               |                                     |

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LOXA-NB10-P47

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Collectors: *TLT*  
*REG* Continued from page: 46

| Sample #   | Collect w/<br>plot? (Y,N) | Collection<br>time | Processing<br>time | Site name | Sample<br>type (SP,<br>EB, FCEB,<br>RS) | dcs (m) | Tdepth (m) | Amt.<br>Suspended<br>solids (NV,<br>L, M, H) | pH<2? (Y,N) | Dis from<br>site to<br>copter (M) | Collected<br>by: | Processed<br>by: | Partial, Full,<br>None<br>collect<br>(P,F,N) |
|--|---------------------------|--------------------|--------------------|-----------|---|---------|------------|--|-------------|-----------------------------------|------------------|------------------|--|
| 64   | Y                         | 8:40               | 10:25              | Al09      | SP                                      | 0.35    | 0.31       | L  | Y           | 30                                | REG              | REGS             | E  |
| Description of Site: <i>Malacca, mangrove, under lily, surrounded by mangrove, Malacca trees</i> |                           |                    |                    |           |   |         |            |  |             |                                   |                  |                  |  |
| <i>400s. Thin, opaque, shiny layer on surface of water - maybe from 'Scorched Armadillo'</i>     |                           |                    |                    |           |   |         |            |  |             |                                   |                  |                  |  |
| <i>File?</i>   |                           |                    |                    |           |   |         |            |  |             |                                   |                  |                  |  |
| Sample desc./comments: <i>light brown w/ light amt of MED. sized SS</i>                          |                           |                    |                    |           |   |         |            |  |             |                                   |                  |                  |  |
| 7  | -                         | 8:54               | -                  | Al07      | SP                                      | 0.12    | 0.12       | -  | -           | 25                                | REG              | -                | N  |
| Description of Site: <i>Savanna, some spaddock, surrounded by mangrove, Malacca trees</i>        |                           |                    |                    |           |   |         |            |  |             |                                   |                  |                  |  |
| Sample desc./comments: <i>NO sample collected</i>  |                           |                    |                    |           |   |         |            |  |             |                                   |                  |                  |  |
| 8  | Y                         | 9:04               | 10:31              | Al06      | SP                                      | 0.22    | 0.13       | L  | Y           | 25                                | REG              | TLT              | P  |
| Description of Site: <i>Savanna, surrounded by mangrove trees</i>                                |                           |                    |                    |           |   |         |            |  |             |                                   |                  |                  |  |
| <i>Water column</i>  |                           |                    |                    |           |   |         |            |  |             |                                   |                  |                  |  |
| Sample desc./comments: <i>MED. Brown w/ light small sized SS</i>                                 |                           |                    |                    |           |   |         |            |  |             |                                   |                  |                  |  |
| 9  | Y                         | 9:10               | 10:36              | Al05      | SP                                      | 0.24    | 0.18       | L  | Y           | 30                                | REG              | TLT              | P  |
| Description of Site: <i>Savanna, surrounded by mangrove, Malacca trees</i>                       |                           |                    |                    |           |   |         |            |  |             |                                   |                  |                  |  |
| <i>Water column: clear. P. Siphon, some chara. lots of frogs!! 'Frogs'</i>                       |                           |                    |                    |           |   |         |            |  |             |                                   |                  |                  |  |
| Sample desc./comments: <i>LAB: MED. Brown w/ very light small sized SS</i>                       |                           |                    |                    |           |   |         |            |  |             |                                   |                  |                  |  |

*William J. Cox* 9.12.07  
Signature/Date:

*TLT* 9.12.07  
Reviewed by/Date:



| Sample #   | Collect w/ plot? (Y,N) | Collection time | Processing time | Site name | Sample type (SP, EB, FCEB, RS) | dcx (m) | Tdepth (m) | Amt. Suspended solids (NV, L, M, H) | pH<2? (Y,N) | Dis from site to copter (M) | Collected by: | Processed by: | Partial, Full, None collect (P,F,N) |
|--|------------------------|-----------------|-----------------|-----------|--------------------------------|---------|------------|-------------------------------------|-------------|-----------------------------|---------------|---------------|-------------------------------------|
| 11   | 1042                   | 1043            | 1A104           | 134       | 1                              | 1       | 1          | 1                                   | 1           | 1                           | 1             | 1             | 1                                   |
| DI CARBOY → Bucket → Bottles → Syringe + filter as needed.               |                        |                 |                 |           |                                |         |            |                                     |             |                             |               |               |                                     |
| 10   | 9:22                   | 10:42           | 1A104           | SP        | 7/M                            | 1       | L          | Y                                   | 4           | REG                         | P             | REG           | F                                   |
| Description of Site: Canal site  |                        |                 |                 |           |                                |         |            |                                     |             |                             |               |               |                                     |
| Sample desc./comments: LARS: Light Brown w/very light (2) small-sized SS |                        |                 |                 |           |                                |         |            |                                     |             |                             |               |               |                                     |
| Description of Site: 1A104   |                        |                 |                 |           |                                |         |            |                                     |             |                             |               |               |                                     |
| Sample desc./comments: NO Filler   |                        |                 |                 |           |                                |         |            |                                     |             |                             |               |               |                                     |
| Description of Site: 03/2-02   |                        |                 |                 |           |                                |         |            |                                     |             |                             |               |               |                                     |
| Sample desc./comments: 03/2-02   |                        |                 |                 |           |                                |         |            |                                     |             |                             |               |               |                                     |
| Description of Site: 1A104   |                        |                 |                 |           |                                |         |            |                                     |             |                             |               |               |                                     |
| Sample desc./comments: 03/2-02   |                        |                 |                 |           |                                |         |            |                                     |             |                             |               |               |                                     |

Wag Jan 9.12.07  
Signature/Date:

09.12.07  
Reviewed by/Date: