

LOXA-NB12-P77

Frequency: Monthly

Date: 9.23.08

Collectors:  
MAD SR2

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Pilot:

Cav105

Collectors and Tasks:

Weather:

sky: overcast 10,000 ft wind calm

Sample collection:

MAD

Ground Temp:

80°

Sonde Operation/Notes:

SR2

Air Temp:

80°

Processor(s):

Wind Speed/Direction (at take-off):

calm

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:

Tray #'s:

Measuring stick/yc pipe

Other: syringes and .45u filters

## General Information

| Sample #  | Sam. Collect w/i 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                            | 0832            | 12:18           | A 101     | SP                             | .37                                       | .30                                | L  | Y           | 50   | MAD           | MAD           | F                                       |
| Description of Site: duck ponds, picked weeds, smeltweed, sandgrass, water column n |                              |                 |                 |           |                                |   |                                    |  |             |  |               |               |   |
| was early disturbed and sample was taken with 100 ml. bottle.                       |                              |                 |                 |           |                                |   |                                    |  |             |  |               |               |   |
| Sample desc/comments: Sample: Light Brown with medium sized SS.                     |                              |                 |                 |           |                                |   |                                    |  |             |  |               |               |   |
|   |                              |                 |                 |           |                                |   |                                    |  |             |  |               |               |   |
|   |                              |                 |                 |           |                                |   |                                    |  |             |  |               |               |   |
|   |                              |                 |                 |           |                                |   |                                    |  |             |  |               |               |   |
|   |                              |                 |                 |           |                                |   |                                    |  |             |  |               |               |   |
|   |                              |                 |                 |           |                                |   |                                    |  |             |  |               |               |   |
|   |                              |                 |                 |           |                                |   |                                    |  |             |  |               |               |   |

Severely Runkel 9.23.08

Signature/Date:

Marek Ady 9-23-08

Reviewed by/Date:

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| Sample #   | Collect w/i plot?<br>(Y,N) | Collection time | Processing time | Site name | Sample type<br>(SP, EB, FCEB,<br>RS) | dcs (m) | Tdepth (m) | Amt.<br>Suspended<br>solids (NV, L, M,<br>H) | pH<2? (Y,N) | Dis from site to<br>copter (M) | Collected by: | Processed by: | Partial, Full,<br>None collect<br>(P,F,N) |
|--|----------------------------|-----------------|-----------------|-----------|--------------------------------------|---------|------------|--|-------------|--------------------------------|---------------|---------------|---|
| 2  | Y                          | 0911            | 12:34           | A1B3      | SP                                   | .30     | .24        | H  | Y           | 47                             | MAD           | AD            | E   |
| Description of Site: site is right off an active, air host trail. Sawgrass, Pickled weed, blackwater. difficult to sample - periphyton in water surface - sample taken with 250 ml.  |                            |                 |                 |           |                                      |         |            |  |             |                                |               |               |   |
| Sample desc/comments: sample Dark yellow, heavy small + medium sized SS.   |                            |                 |                 |           |                                      |         |            |  |             |                                |               |               |   |
| 3  | Y                          | 0920            | 12:43           | B1B2      | SP                                   | .29     | .22        | M  | Y           | 43                             | MAD           | SR2           | E   |
| Description of Site: all sawgrass with a small staggered dead meadow. Very difficult to sample because of lots of periphyton on surface, had just water water column.  |                            |                 |                 |           |                                      |         |            |  |             |                                |               |               |   |
| Sample desc/comments: sample - medium yellow with medium sized medium amount of SS.  |                            |                 |                 |           |                                      |         |            |  |             |                                |               |               |   |
| 4  | Y                          | 0941            | 12:50           | A1B6      | SP                                   | .28     | .22        | L  | Y           | 37                             | MAD           | AD            | E   |
| Description of Site: all water sawgrass, medium large white water (1st plot) water column water. 2nd water (1st plot) water column was relatively clear. 3rd water column was relatively clear. 4th water column was relatively clear. |                            |                 |                 |           |                                      |         |            |  |             |                                |               |               |   |
| Sample desc/comments: sample - light yellow, light amount of small SS.   |                            |                 |                 |           |                                      |         |            |  |             |                                |               |               |   |
| 5  | Y                          | 0951            | 13:09           | A134      | SP                                   | .29     | .20        | M  | Y           | 45                             | MAD           | SE2           | E   |
| Description of Site: 1st water sawgrass, blackwater white water with some sawgrass, some meadow. 2nd water with water in the water column had periphyton on surface and sample taken with 125 ml bottle - difficult to sample.         |                            |                 |                 |           |                                      |         |            |  |             |                                |               |               |   |
| Sample desc/comments: sample: medium yellow with 3 large size and medium sized SS.   |                            |                 |                 |           |                                      |         |            |  |             |                                |               |               |   |

Signature: *Severof Parker* 9.23.08

Signature/Date:

Reviewed by: *M. Anne A. D. D.* 9.23.08

Reviewed by/Date:



| Sample #  | Collect w/i plot? (Y,N) | Collection time | Processing time | Site name | Sample type (SP, EB, FCEB, RS) | dcs (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) |
|---|-------------------------|-----------------|-----------------|-----------|--------------------------------|---------|------------|-------------------------------------|-------------|-----------------------------|---------------|---------------|-------------------------------------|
| 1013  | Y                       | 13:19           | 13:30           |           | SP                             | 35      | 7.7        | M                                   | Y           | 47                          | MAD           | MAD           | F                                   |
| Description of Site: maddenance, 1st. Spokenish tributary, lower below swagass and maddenance. Some water under library and bus head. Several dense trails thru this area. Also difficult to sample because of percolation in water column. |                         |                 |                 |           |                                |         |            |                                     |             |                             |               |               |                                     |
| Sample desc/comments: SAMPLE: Light yellow with medium amount of medium SS  |                         |                 |                 |           |                                |         |            |                                     |             |                             |               |               |                                     |
| 1075  | Y                       | 13:29           | 13:31           |           | SP                             | 41      | 31         | M                                   | Y           | 50                          | MAD           | SR2           | P                                   |
| Description of Site: Again spokenish tributary, white water/library percolated, plenty water. Several hills near by. Percolation in water column - difficult to sample. Sample taken with 250ml bottle.                                     |                         |                 |                 |           |                                |         |            |                                     |             |                             |               |               |                                     |
| Sample desc/comments: SAMPLE: Light yellow with medium amount of medium sized SS.   |                         |                 |                 |           |                                |         |            |                                     |             |                             |               |               |                                     |
| 1030  | Y                       | 13:34           | 13:30           |           | SP                             | 100     | 19         | L                                   | Y           | 40                          | MAD           | MAD           | P                                   |
| Description of Site: Thick with shrubs, picked up with 100% natural water - suspended solids in water column. Very difficult to sample. Salina and peat mass.   |                         |                 |                 |           |                                |         |            |                                     |             |                             |               |               |                                     |
| Sample desc/comments: SAMPLE: Light yellow; small amount of small SS  |                         |                 |                 |           |                                |         |            |                                     |             |                             |               |               |                                     |
| 1040  | Y                       | 13:45           | 13:35           |           | SP                             | 71m     | -          | NV                                  | Y           | N/A                         | MAD           | MAD           | F                                   |
| Description of Site: Canal site   |                         |                 |                 |           |                                |         |            |                                     |             |                             |               |               |                                     |
| Sample desc/comments: SAMPLE: Medium yellow; no visible SS.   |                         |                 |                 |           |                                |         |            |                                     |             |                             |               |               |                                     |

General Rustin 9.23.08  
Signature/Date:

Mace Alling 9.23.08  
Reviewed by/Date:



| Sample #   | Collect w/i 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) |
|--|-------------------------|-----------------|-----------------|-----------|--------------------------------|---------|------------|-------------------------------------|-------------|-----------------------------|---------------|---------------|-------------------------------------|
| 1053   | Y                       | 13:50           | A140            |           | SP                             | 31      | 10         | L                                   | Y           | 27                          | MAB           | SRZ           | P                                   |
| Description of Site: 10m spikebrush, middeciduous, savanna, willow, picketwood.              |                         |                 |                 |           |                                |         |            |                                     |             |                             |               |               |                                     |
| Sample desc./comments: Sample Medium yellow, 1 small SS.                                     |                         |                 |                 |           |                                |         |            |                                     |             |                             |               |               |                                     |
| 11   | Y                       |                 | A135            | BL        | -                              | -       | -          | Y                                   | -           | SRZ                         | SRZ           | F             |                                     |
| Description of Site: D1 water from carboy → bucket → Bottles → syringe and filter as needed. |                         |                 |                 |           |                                |         |            |                                     |             |                             |               |               |                                     |
| Sample desc./comments:   |                         |                 |                 |           |                                |         |            |                                     |             |                             |               |               |                                     |
| Description of Site:   |                         |                 |                 |           |                                |         |            |                                     |             |                             |               |               |                                     |
| Sample desc./comments: no further entries<br>SRZ 9.23.08                                     |                         |                 |                 |           |                                |         |            |                                     |             |                             |               |               |                                     |
| Description of Site:   |                         |                 |                 |           |                                |         |            |                                     |             |                             |               |               |                                     |
| Sample desc./comments:   |                         |                 |                 |           |                                |         |            |                                     |             |                             |               |               |                                     |

Severdy Rindler 9.23.08  
Signature/Date:

M and AD 9.23.08  
Reviewed by/Date: