

Pilot:

Cox103 Uave

Collectors and Tasks:

Weather:

Sky: clear, visibility 10 miles

Sample collection: TL1

Ground Temp: 60°

Sonde Operation/Notes: SR2

Air Temp: 78°

Processor(s): SR2, TL1, ASO

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 (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)	dcx (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	N	0630	1145	A114	SP	47	29	L	Y	20	TL1	ASO	P
Description of Site: where water lily plants grow, submerged, moderate to deep water. Sample taken from pond.													
Sample desc./comments: light yellow with light small-sized SS													

Signature/Date:

Reviewed by/Date:

Continued on page: 82



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)
2	N	0912	12:03	A113	SP	45	35	VL	Y	37	TLT	TLT	P
Description of Site: thin splenish, white, under 11m, pickled, sandygrass, under column easily disturbed - August to sample, 1 sample taken with 250 ml bottle. Sample taken outside site because hard to find sample within site.													
Sample desc./comments: Lab description: Light Brown, very Light (2) small sized SS													
3	N	0930	12:05	A111	SP	45	32	M	Y	40	TLT	AST	P
Description of Site: thin splenish, white, under 11m, pickled, sandygrass, under column easily disturbed. Open water pockets in sandygrass.													
Sample desc./comments: Lab description: Light Brown, Medium amt of small sized SS													
4	Y	0945	12:25	A112	SP	52	42	VL	Y	42	TLT	TLT	F
Description of Site: white, under 11m, pickled, thin splenish, sandygrass, under column easily disturbed. Same lateral open water pockets but easily disturbed.													
Sample desc./comments: Sample taken with 250 ml bottle.													
Lab sample: Light Brown, very light (3) small sized SS													
6	Y	1000	12:43	A111	SP	43	19	NV	Y	38	TLT	TLT	P
Description of Site: burn site, thin splenish, medium, and in thin layer of green. Picking in covered site - 50 sample taken outside of site, pickled and sandygrass regaining.													
Sample desc./comments: Lab sample: Light Brown, NO Visible SS													

Signature/Date:

 9.24.08

Reviewed by/Date:

Continued on page: 83



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	1246	0109	58	54	27	NV	Y	27	TLT	SR2		
Description of Site: water lily, sawgrass, pickerweed, periphyton floating on water column surface. open pockets of water													
Sample desc./comments: LWP desc: medium yellow water NO visible SS													
1017	Y	1251	0109	BC	54	27	NV	Y	27	TLT	TLT		
Description of Site: water lily, sawgrass, pickerweed, periphyton floating on water surface open pockets of water													
Sample desc./comments: LWP Description: Light + Brown, NO visible SS													
1030	Y	1306	0107	58	26	15	NV	Y	32	TLT	ASO		
Description of Site: water, sawgrass, pickerweed, same fern sample taken with 100 ml bottle													
Sample desc./comments: PK yellow with NUS													
1040	N	1227	0106	58	35	27	Y	25	TLT	SR2			
Description of Site: lots of sawgrass - no where to sample - difficult to find locations													
Sample desc./comments: light yellow w/ small amount medium-sized SS													

Signature/Date:

Reviewed by/Date:

Continued on page: 84



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)
10	Y	11:53	13:08	A105	SP	30	-	L	Y	42	TG	ASO	
Description of Site: <i>Small pond, rocky well, white mud at back. Shallow water, some rocks, some sand. Some vegetation on bank in water column.</i>													
Sample desc./comments: <i>med yellow very light (3) small size suspended sediment</i>													
11	-	11:55	13:20	A104	SP	21M	-	NV	Y	-	TG	TG	
Description of Site: <i>(crag site)</i>													
Sample desc./comments:													
12	-	13:30	13:32	A101	BL	-	-	-	Y	-	ASO	ASO	F
Description of Site: <i>D1 water from Carbury → Bucket → Bottles → Samples and filter as noted.</i>													
Sample desc./comments:													
Description of Site:													
Sample desc./comments: <i>NO further samples TLT 9-24-8</i>													

**Signature/Date:**

Reviewed by/Date:

Continued on page: 1