

Date: 12-16-8

Collectors: TLT  
AKM

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Pilot: Carlos Lopez

Collectors and Tasks:

Weather: Overcast

Ground Temp: 71°F Air Temp: —

Wind Speed / Direction: Calm

Notes / Sample: TLT  
 Sample Collection: AKM  
 Sample Process: AKM, TLT

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 450 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	10:07	13:30	AL31	SP	0.31	0.17	NV	Y	40	AKM	TLT	P
Description of Site: Penicun, Rhynchospora, white water lily, surrounded by free islands, water column: lots of bladderwort, clear													
Sample desc./comments:													
Lab sample: light brown, no visible SS													

Signature/Date:

Reviewed by/Date:

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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	Y	10:17:13:45	AKB	SP	0.38	0.26	L	Y	30	AKM	TLT	F	
Description of Site: Scatter, thin spike, csh, Rhynchospora, surrounded by water column. Lots of bladderwort, few surface. Floatives, 1500L 125 M													
Sample desc./comments: Lab sample: Light Brown, light small sized SS													
3	Y	10:17:13:45	AKB	SP	0.52	0.43	L	Y	30	AKM	TLT	F	
Description of Site: Pencil, scatter, water, water, light, cattail, Pentstemon, surrounded by Saururus, cattail													
Sample desc./comments: Lab sample: Light, some surface, Pol. Phytol.													
4	Y	10:39	AKB	SP	0.10	0.32	NV	Y	25	AKM	TLT	F	
Description of Site: Cattail, Polygonum, Pentstemon, white vine, surrounded by dead willows.													
Sample desc./comments: Lab sample: Bladderwort, light, scattered, 10 meters south of site													
5	Y	10:45	AKB	SP	0.10	0.32	NV	Y	25	AKM	TLT	F	
Description of Site: Lab sample: Light brown, 10 meters south of site													
Sample desc./comments: Lab sample: Light brown, 10 meters south of site													
Description of Site: Lab sample: Light brown, 10 meters south of site													
Sample desc./comments: Lab sample: Light brown, 10 meters south of site													

Signature/Date:

Reviewed by/Date:

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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)
6	Y	10:57	14:20	AI140	SP	0.42	0.25	M	Y	25	AKM	TCR	F
Description of Site: Friction, Sargassum, surrounded by Sargassum, Melaleuca trees, mangrove, water column, lots of spirogyra spores, collect with 125 ml bottle, No. a lot of open water pockets.													
Sample desc./comments: Lab Sample: Light Brown, Medium amt of Medium sized SS													
7	Y	11:12	14:34	AI101	SP	0.41	0.39	L	Y	30	AKM	AKM	F
Description of Site: Friction, Sargassum, Friction, Sargassum, surrounded by Sargassum, water column, clear, some macrophyte spores.													
Sample desc./comments: LAB: Med. yellow w/ light amt of very small SS													
8	Y	11:15	14:40	AI101	CL	0.41	0.39	VL	Y	30	AKM	TCR	F
Description of Site: See above description													
Sample desc./comments: Lab Sample: light brown, very light, (1) medium sized SS													
9	Y	11:30	14:41	AI103	SP	0.47	0.22	M	Y	35	AKM	AKM	F
Description of Site: Sargassum, surrounded by Sargassum, Melaleuca trees, some Sargassum Friction, water column, clear, some bladderwort, collected with 125 ml bottle, some Sargassum Friction													
Sample desc./comments: Light yellow w/ heavy small sized SS.													

Signature/Date:

Reviewed by/Date:

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12.16.08

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		11.47-14.56		A102	SP	0.38	0.30	M		25	AKM	TLT	
Description of Site: <i>Swagess, surrounded by swagess &amp; malacca trees</i> <i>Waters Column: clear used 125m</i>													
Sample desc./comments: <i>Lab sample: Light Brown, Medium out of med. sized ss</i>													
11		12:00-15:00		A108	SP	0.28	0.19	NV		30	AKM	AKM	
Description of Site: <i>Alnus Plant, thick cover along stream, swagess, surrounded by malacca, melaleuca, tree islands</i> <i>Waters Column: Brown, bladderwort - clear, easy disturbed</i>													
Sample desc./comments: <i>Waters: pale yellow w/ NV SS</i>													
12		15:03		505 A102	BL								
Description of Site: <i>Dr. Carbury -&gt; Buckets -&gt; Bottles -&gt; Filter + Syringe as needed</i>													
Sample desc./comments:													
Description of Site: <i>AD Limestone FILTERS AKM</i>													
Sample desc./comments: <i>12.16.08</i>													

Signature/Date:

Reviewed by/Date:

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