

Monthly Report: May 2014

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To:

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02 June 2014

By:

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Bill and Mary:

Please see the bulleted list below for the major actions and accomplishments associated with Cooperative Agreement Number W912HZ-14-2-0002 for the month of May, 2014. Please let me know if you would like me to elaborate on the details of any items I've listed below, or if there are any other items that interest you.

Sincerely,

Jamie

- A technician, hired under the grant award, began working on May 8th.
 - Josh Salter is from Valdosta, Georgia and has an MS degree from Valdosta State University.
- Downloaded water and barometric pressure sensors on May 14th and 16th.
 - Water depths have not been post-processed
 - Salinity values for belowground sensors deployed within the marsh areas:

Area	Average salinity	Minimum salinity	Maximum salinity
Back 1	0.10	0.06	0.12
Back 2	0.11	0.06	0.22
Back 3	0.36	0.01	1.22
Back 3.5	1.78	0.33	2.68
Back 4	1.41	0.42	3.02
Middle 1	0.17	0.10	0.40
Middle 2	0.13	0.05	0.61
Middle 3	0.33	0.09	1.80
Middle 4	1.74	0.14	3.06
Middle 5	0.95	0.28	1.74
Front 1	0.08	0.04	0.26
Front 2	0.21	0.04	1.76

- Data used to derive statistics include hourly readings from belowground sensors 04 April 2014 00:00 - 13 May 2014 23:30.
- Data from the April marsh vegetation sample has been compiled into MS Excel format. Importance values have been calculated for each species in each plot.
 - Some species were not able to be identified. Pictures were taken, and we will attempt to discern their identity based on observations on the upcoming June sample.
- We expect delivery of the boat next week (June 9th – 13th).