

Monthly Report: December 2015

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14 January 2016

By:
Jamie Duberstein

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 December 2015. 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 status updates you'd like on unlisted topics.

Best Regards,

Jamie

Marsh Vegetation

- Importance values of marsh grass species have been computed from data from the October synoptic sample.

Water Data

- Replacement sensors were deployed 11 December 2015 for those that failed in mid-October (discovered faulty on 30 November).
 - The belowground sensor at Middle 3 failed 10/15/2015 at 4:33.
 - The belowground sensor at Middle 4 failed 10/16/2015 at 4:16.
- The new well array (wells, housing, and sensors) was deployed at Back 4 on 11 December 2015 to replace the previous one that was damaged, presumably by hogs.
- Salinity and water depth for all monitoring areas data were not downloaded in December, but will be in mid-January. Updated salinity averages for each area will be provided after this scheduled download.

Forest monitoring

- Monthly measurements of baldcypress tree growth were last taken on 15 December for Swamp 1, Swamp 2, and Swamp 3.
- Average basal area increase since last measurement:
 - Swamp 1: 0.1 cm² (01 Dec. – 15 Dec.)
 - Swamp 2: 0.1 cm² (01 Dec. – 15 Dec.)
 - Swamp 3: 0.0 cm² (01 Dec. – 15 Dec.)