

SCIENCE & TECHNICAL ADVISORY COMMITTEE



DELAWARE CENTER FOR THE
INLAND BAYS
Research. Educate. Restore.

DATE & TIME: APRIL 24, 2015 at 9:00 A.M.

LOCATION: DNREC LEWES FIELD FACILITY, END OF PILOTTOWN ROAD, LEWES

Meeting called by: Scott Andres, Chair

AGENDA ITEMS

Call to Order

Scott Andres

Announcements

Journey from citizen scientist to scientist citizen

Marianne Walch, CIB

An introduction to Marianne as the new Science & Restoration Coordinator, the experiences and passions that brought her to CIB, and some information on scientific priorities at the Center.

Environmental indicators in the Love Creek tributary of
Rehoboth Bay: the 'Your Creek' initiative

*Andrew Homsey, U of D
& Sally Boswell, CIB*

The 2011 "State of the Bays" report used strong science and monitoring data to present aspects of overall watershed health and trends in an accessible and user-friendly way. The "Your Creek" initiative, begun in 2014, seeks to engage residents and visitors to the bays to more fully understand protection issues, and become involved with watershed protection measures at a very local level. Using scientific and monitoring data available within the tributaries to make statements about localized conditions and trends at a small watershed scale is challenging. Using Love Creek as a model, we present a variety of indicators to represent watershed health of the communities and ecosystems upstream in these tributaries.

Break

Wetland monitoring for a thin-layer coastal restoration project

Alison Rogerson, DNREC

DNREC and the Center for the Inland Bays are monitoring a 47-acre *Spartina* wetland in Dagsboro, following the 2013 application of dredge materials from Pepper Creek. A review of pre- and post-application wetland monitoring -including elevation, accretion, vegetation, below ground biomass and other site conditions - will be presented, and implications for future beneficial reuse projects will be discussed.

Open Forum

Scott Andres

Adjourn