Call to Order

2. Approval of Minutes March 28, 2014

3. Director’s Report

4. Committee Reports
   • Science Advisory
   • Project Implementation
   • Business Resources Committee
   • Community Action Committee
   • Finance Committee

5. Old Business

6. New Business

7. Announcements/Other

8. Adjourn
Comprehensive Conservation and Management Plan 2013 - 2018

- 30 Day Comment Period
  July 1-31, 2014

- Vote to Accept and Submit to EPA pending any final comments
NFWF Projects Update

9 Sediment Monitoring Proposed Sites
Figure 3: Soil Boring and Vibracore Locations

A Step Pool Storm Conveyance in Action
2014-2015 Work Plan Addition: $20,000 for Climate Ready Estuaries - VOTE

MDEP recognizes the need for community engagement along Tombigbee Springs. Research to educate the populace about the science underlying the vulnerabilities associated with climate change and the effects of extreme weather is a changing climate. This engagement is conducted in meaningful ways. To internally and externally evaluate community interests and needs, the project is structured to engage the local community, provide education, and generate interest and support for future activities. The project is structured to engage the local community, provide education, and generate interest and support for future activities.

The project is designed to engage the local community, provide education, and generate interest and support for future activities. The project is structured to engage the local community, provide education, and generate interest and support for future activities.

**TAC: CLIMATE READY ESTUARIES, THREE MILE CREEK WATERSHED TOOLS SPRING BRANCH FLOOD MODELING/COMMUNITY ADAPTATION**

<table>
<thead>
<tr>
<th>Project Number</th>
<th>TAC0366</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title</td>
<td>Tombigbee Springs Branch Flood Modeling/Community Adaptation</td>
</tr>
<tr>
<td>Values Supported</td>
<td>The project is designed to engage the local community, provide education, and generate interest and support for future activities. The project is structured to engage the local community, provide education, and generate interest and support for future activities.</td>
</tr>
<tr>
<td>Purpose</td>
<td>To provide a platform for stakeholders to understand the vulnerabilities associated with climate change and extreme weather events.</td>
</tr>
<tr>
<td>Outputs/Outcomes</td>
<td>Improved community engagement and facilitation to reduce floodplain planning and connectivity.</td>
</tr>
<tr>
<td>Clean Water Act Relevance</td>
<td>Support water quality standards, improve wetland function and connectivity.</td>
</tr>
<tr>
<td>Year 1 (2014-15)</td>
<td>$0</td>
</tr>
<tr>
<td>Year 2 (2015-16)</td>
<td>$20,100</td>
</tr>
<tr>
<td>Other Funding</td>
<td>$0</td>
</tr>
<tr>
<td>Total</td>
<td>$20,100</td>
</tr>
<tr>
<td>Funded by</td>
<td>MDEP</td>
</tr>
</tbody>
</table>

Other Stuff

- Maharam Dakua and Auburn University Team
- Bays and Bayous
Science Advisory Committee

Biological Condition Gradient

1. Natural structure & function of biotic community maintained
2. Minimal changes in structure & function
3. Evident changes in structure and minimal changes in function
4. Moderate changes in structure & minimal changes in function
5. Major changes in structure & moderate changes in function
6. Severe changes in structure & function

Biological condition

Low Level of Stressors High
Initial Actions

• Build a database containing the spatial extent and ecological condition of wetlands, streams, rivers and riparian buffers, and the extent of major stressors.

• Use multi-scale assessment of habitat quality, consisting of landscape (Level 1) and ground-level assessments (Levels 2 and 3).

• Use wetland rapid bioassessment procedures (WRAP and HGM) currently in use on the Alabama coast.

• Use the ADEM §303(d) listing or develop/adopt stream and river bioassessment methodologies.

• Use BCG framework based on the proportional extent of high, medium, and low quality wetlands and water resources.

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What data is available?

• Historical datasets for Mobile Bay

<table>
<thead>
<tr>
<th>Dataset</th>
<th>Years encompassed</th>
<th>Parameters</th>
<th>Sampling schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pennock et al.</td>
<td>1983-1993</td>
<td>DO, chl a, light attenuation</td>
<td>Random</td>
</tr>
<tr>
<td>Alabama Coastal Foundation</td>
<td>1991-2005</td>
<td>DO, secchi depth</td>
<td>Weekly</td>
</tr>
<tr>
<td>EPA</td>
<td>2000-2003</td>
<td>DO, secchi</td>
<td>Yearly</td>
</tr>
<tr>
<td>McIntyre et al.</td>
<td>2005-2007</td>
<td>Chl a, light attenuation</td>
<td>Monthly</td>
</tr>
<tr>
<td>Technical incompatibility</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADEM</td>
<td>2011-2015</td>
<td>DO, chl a, secchi</td>
<td>Bimonthly, only 3y</td>
</tr>
</tbody>
</table>

• Prior to 1989?
• Datasets past 2005 in Area of interest are sporadic, not necessarily comparable
Historical data for Mobile Bay

- EPA standards: Good, Fair, Poor

Project Implementation Committee
Mission of BRC: To advocate for streamlined regulations and balanced business practices that are in the best interest of the region’s economic and environmental resources.

Goals: 1). Identify environmental issues that impact business; 2). Educate and advocate for environmentally sound business practices; 3). Recommend coastal management priorities.

Adopted “Create a Clean Water Future” campaign to engage the business community in helping to improve our “estuarine resources” through education, recognition, action and other opportunities.
The purpose of this outreach campaign is to develop an ethic of stewardship and responsibility among residents of coastal Alabama to encourage individual actions resulting in the reduction of stormwater pollution at both an individual and community scale.

The goals of this project are to improve public understanding of stormwater and its impacts; increase demand for improved stormwater management programs; and expand individual actions to reduce stormwater runoff.

Will you join the Mobile Bay National Estuary Program and its partners in LEADING THE TRANSFORMATION OF THREE MILE CREEK?
Community Action Committee progress for five year strategy YR1

Goal: Increase awareness of coastal resources supporting what people value most about living in coastal Alabama.

1. Objective: Conduct at least 50 presentations annually to raise community awareness on what people value most about living in coastal Alabama.

<table>
<thead>
<tr>
<th>Number of presentations completed</th>
<th>Please list presentation details (e.g., topic, date)</th>
</tr>
</thead>
</table>

Finance Committee
- Old Business
- New Business
- Announcements
- Adjourn

A journey of a thousand miles...