



AGENCY ON BAY MANAGEMENT

4000 Gateway Centre Boulevard #100 · Pinellas Park, FL 33782

727.570.5151 Ext. 40

<http://www.tbrpc.org/abm>

MEETING AGENDA

June 9, 2016

9:00 AM

Full Agency

Mayor Bob Minning, Chair

1. CALL TO ORDER / WELCOME
2. PUBLIC COMMENT/ ANNOUNCEMENTS
3. APPROVAL OF MARCH 10, 2016 FULL AGENCY MEETING SUMMARY
4. GULF RESTORATION UPDATE

Kelly Samek, Florida Fish & Wildlife Conservation Commission, will briefly review restoration activities related to the 2010 Deepwater Horizon oil spill and provide an update on the state's efforts to plan, prioritize and implement restoration projects using funding made available through the RESTORE Act, Natural Resource Damages Act (NRDA), and National Fish and Wildlife Foundation (NFWF).

5. [CITY OF PALMETTO LIVING SHORELINE DEMONSTRATION PROJECT](#)

Todd Barber, Reef Ball Foundation, will share the results of efforts to replace the seawall and install a living shoreline along Riverside Park in downtown Palmetto.

6. TBEP RESEARCH PRIORITIES

Ed Sherwood, Tampa Bay Estuary Program, will present on the progress made toward addressing existing research priorities for the Tampa Bay watershed (below). These priorities were updated by the TBEP Technical Advisory Committee in 2009, and then later in 2011-2012. The Tampa Bay Estuary Program is seeking input on any new research priorities needed for the region as part of its next update to the Comprehensive Conservation and Management Plan (CCMP), due to be complete in 2017. The current list of research priorities includes:

- A. Continue to assess the water quality, sediment quality and habitat of tidal tributaries in Tampa Bay. Specifically collect data and develop information for smaller tributaries to Tampa Bay to support implementation of management strategies developed during the tidal tributary pilot study.
- B. Improve monitoring of pollutant loading (particularly nutrients) from the entire watershed (i.e. in both gaged and ungaged basins). Deploy additional continuous water quality and flow monitors in the bay, considering new technologies (e.g., continuous turbidity measurements as a surrogate for nutrients, acoustic doppler continuous profiler, etc.).
- C. Determine the important resources affected by changes in freshwater inflow. Mine existing data sources to examine effects of freshwater inflow changes on fisheries and other biological resources. Assess potential effects of Minimum Flows and Levels determinations on habitat and biota.

If you are a person with a disability who needs any accommodation in order to participate in this meeting, you are entitled, at no cost to you, to the provision of certain assistance. Please contact the Tampa Bay Regional Planning Council at (727) 570-5151 Ext. 17 within three working days of the meeting.



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- D. Evaluate the potential effects of climate change on ecological systems in Tampa Bay. Identify management strategies and a framework to assess climate change impacts on coastal habitats (i.e., uplands, wetlands, seagrass, and associated fauna).
- E. Determine the assimilative capacity for nutrients in the Tampa Bay estuary.
- F. Determine direct and forecasted impacts of continued watershed development on estuarine resources and processes (e.g., hydrological changes, hurricane vulnerability assessments, OneBay initiative, evaluating Ecosystem Services, coastal vegetation changes).
- G. Facilitate the development of Total Nitrogen TMDLs and BMAPs for waterbodies within the watershed.
- H. Develop and implement a monitoring program to track habitat quantity and quality in coastal habitats. Incorporate new technologies, as appropriate, to monitor coastal habitats (LiDAR, multi-spectral remote sensing, etc.). Monitoring should incorporate more accurate and precise change analysis methods to track small-scale changes in habitat cover over short time scales (years vs. decades). Ground-level monitoring should be implemented to document community-level changes in response to climate change and other stressors (fixed transects).
- I. Quantify ungaged streamflow and groundwater flow to Tampa Bay, and develop estimates of surface and groundwater flux to Tampa Bay.
- J. Improve linkages between watershed-based and hydrodynamic models to better predict water quality, hydrology, sediment transport and circulation in the bay so that impacts to habitat and biota can be assessed. Refine these models for shallow-water areas, as appropriate.
- K. Coordinate restoration efforts to help achieve both habitat and water quality targets.
- L. Identify causes of seagrass recovery slowdown or seagrass loss in “problem areas” representing at least 10% of a bay segment.

7. [NPDES ENFORCEMENT](#)

Heather Maggio, City of Tampa, will discuss the regulatory framework and local government responsibility to reduce the amount of stormwater pollution entering waters, including during times of extreme rainfall and flooding. She will provide examples of how the City of Tampa addresses Clean Water Act and National Pollutant Discharge Elimination System (NPDES) permit requirements.

8. [CLEARWATER CHRISTIAN COLLEGE ENVIRONMENTAL LANDS ACQUISITION](#)

Sarah Kessler, City of Clearwater, will provide an update on the pending purchase of 111 acres of wetlands and submerged lands surrounding the former Clearwater Christian College campus on Cooper Bayou in Old Tampa Bay. The purchase will eventually allow the City to improve water quality, circulation, and restore fish populations and the health of the mangroves.

9. OTHER ITEMS

- Joint ABM/TBEP TAC Meeting – July 21st
- Future Meeting Topics
- Tampa Bay Region High Priority Projects & Programs List

10. ADJOURN

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