

Mobile Bay National Estuary Program Project Implementation Committee

January 21, 2015
Five Rivers Delta Center,
Blakely Classroom



Agenda

1. Call to Order
2. Approval of Minutes: September 11, 2014
3. Review of MBNEP by-laws with regard to the Project Implementation Committee
4. Revisiting the five-year Restoration Strategy
 - What did the PIC accomplish last year?
 - What measures can be used to evaluate accomplishments?
 - What do we hope to accomplish in 2015?
5. Strategy development for undertaking seven watershed management plans
6. New Business
7. Adjourn

MBNEP by-laws

SECTION 3: CCMP PROJECT IMPLEMENTATION COMMITTEE. The Conference shall establish a CCMP Project Implementation Committee that will be open to **agencies** involved in the implementation of the CCMP. The purpose of this committee will be to **identify and promote priority water quality, habitat conservation, restoration and protection, data management, public access, eco- tourism, educational and other projects.**

The CCMP Project Implementation Committee will **elect two (2) representatives** to serve on the Conference Executive Committee and will elect its own committee's Chair and Co-Chair. Voting, when required, will be by **simple majority rule.**

The CCMP Project Implementation Committee shall keep regular **minutes** of its proceedings, to be shared with each of the other committees. The CCMP Project Implementation Committee will meet as needed but **not less than three (3) times** a year at a place to be identified somewhere in Mobile or Baldwin County.

Revisiting the five-year Restoration Strategy

- **What did the PIC accomplish last year?**
- **What measures can be used to evaluate accomplishments?**
- **What do we hope to accomplish in 2015?**



ERP-1: Improve trends in Water Quality in priority watersheds with impairments (either 303[d]-listed or those with approved TMDLs) discharging into priority fishery nursery areas.

	Goals/Objectives/Suggested Activities	Y Y Y Y Y					Year One Accomplishments	Year One Measures	Performance Measure
		1	2	3	4	5			
ERP-1.1	Restore conditions, including hydrology, from headwaters to intertidal zone in at least five watersheds.								*# of sediment analyses prepared
a	Conduct 3 sediment-loading analyses.	X		x		x			
b	Update 2 obsolete comprehensive watershed management plans (CWMPs).			x		x			
c	Develop 3 new CWMPs.	X		x		x			*# of watershed management plans updated
d	Implement minimum of 5 CWMPs.								
e	Watershed - D'Olive	X	x	x	x	x			
f	Watershed - Eight Mile		x	x	x	x			
g	Watershed - Three Mile	X	x	x	x	x			*# of new watershed plans published
h	Watershed - Fish River		x	x	x	x			
i	Watershed - Fowl River			x	x	x			
j	Watershed - Tensaw Apalache			x	x	x			
k	Watershed - West Fowl River					x	x		
l	Watershed - Graham Bayou, Hammock, Mifflin, Sandy Creek (Wolf Bay)					x	x		*# of watershed management plans (restoration and conservation projects) implemented
m	Watershed - Dog River					x	x		

ERP 1.1 Restore conditions, including hydrology...

- a. Conduct three sediment loading analyses
 - **GSA completed a sediment loading analysis in Fowl River as a precursor to watershed management planning.**
- c. Develop three new watershed management plans
 - **The PIC developed the Coastal Habitat Restoration Initiative (Phase 1) that provided GEBF funding to undertake seven CWMPs for 16 priority 12-digit HUCs.**
 - **Currently, a CWMP for Fowl River is in development by a team led by Goodwin Mills & Cawood.**
- d. Implement minimum of five WMPs
 - **D'Olive: Restoration activities in Joe's Branch and D'Olive and Tiawasee creeks**
 - **EMC: Septic tanks survey was completed**
 - **TMC: MCHD secured funding for canoe/kayak launch & stormwater BMP along with trail development. City has applied for funding for trail, lights, and parcourse.**

ERP-2: Improve ecosystem function and resilience through protection, restoration and conservation of habitats including beaches, bays, backwaters, and rivers.

Goals/Objectives/Suggested Activities	Y	Y	Y	Y	Year One Accomplishments	Year One Measures	Performance Measure
	1	2	3	4			
ERP-2.1 Install living shorelines along publicly owned bay, backwater and intertidal waterways where appropriate.							*# of linear feet of living shoreline installed
a Project 1	X						
b Project 2		X					
c Project 3			X				
d Project 4				X			
e Project 5					X		
f Monitoring		X	X	X	X		
ERP-2.2 Install 5,000 linear feet of living shorelines along privately owned bay, backwater and intertidal waterways.							*# of linear feet of living shoreline installed
a Project 1	X						
b Project 2		X					
c Project 3			X				
d Project 4				X			
e Project 5					X		
f Monitoring		X	X	X	X		
ERP-2.3 Plant 25 acres of sea oats to stabilize dune system along gulf fronting beaches.							*# of acres dune habitat stabilized
a Project 1	X						
b Project 2		X					
c Project 3			X				
d Project 4				X			
e Project 5					X		
f Monitoring		X	X	X	X		

ERP-2: Improve ecosystem function and resilience through protection, restoration and conservation of habitats including beaches, bays, backwaters, and rivers.

Goals/Objectives/Suggested Activities	Y	Y	Y	Y	Year One Accomplishments	Year One Measures	Performance Measure
	1	2	3	4			
ERP-2.4 Investigate/implement increased hydrological exchange through the Highway 98 Causeway.							*TBD
a Feasibility Study/Modeling	X	X					
b Design/Permitting			X				
c Construction				X	X		
d Monitoring			X	X	X		
ERP-2.5 Restore 2500 acres of nearshore and intertidal marshes and flats.							*# of acres restored or enhanced
a Identify priority areas of salt marsh restoration.	X						
b Evaluate availability of dredge materials.	X	X					
c Implement restoration in areas where beneficial use of dredge material is possible.		X	X	X	X		
d Monitor.		X	X	X	X		

ERP 2.2 Install 5,000 linear feet of living shorelines along privately-owned by, backwater and intertidal waterways.

- Engineering plans by Thompson Engineering are near completion for more than 1,000 feet of habitat-friendly shoreline protection for the vulnerable northern end of Mon Louis Island.

ERP 2.5 Restore 2,500 acres of nearshore and intertidal marshes and flats.

- Identify priority areas of salt marsh restoration
 - **This activity will be informed by high-resolution habitat mapping as a component of the CHRI (Phase 1).**
- Implement restoration in areas where beneficial use of dredge material is possible.
 - **North Mon Louis Island project includes creation of over four acres of salt marsh habitat using dredge material.**

ERP-3: Restore/Expand human connections

Goals/Objectives/Suggested Activities	Y Y Y Y Y					Year One Accomplishments	Year One Measures	Performance Measure
	1	2	3	4	5			
Create 10 new access points (at least seven in Mobile County) that couple access with demonstration of restoration techniques.								
ERP-3.1								*# of access points created
a Project	X							
b Project		X		X				
c Project			X	X				
d Project		X		X				
e Project	X		X	X				
Protect/conserv priority habitats for public benefit and access through acquisition and conservation easement.								
ERP-3.2								*# of acres
Develop Coastal Habitat Protection and Conservation Plan.	X	X	X					
Develop outreach materials to educate about conservation easement benefits and value.		X						
Promote/support acquisition project submissions consistent with Habitat Plan (current, future).	X	X	X	X	X			
e Track land conservation activities.	X	X	X	X	X			
Create driving/walking/biking/paddling trails on historical, ethnic, and religious themes (Native American, African-American, Civil War, etc.) to encourage eco-heritage tourism around and on the estuary.								
ERP-3.3								*# linear feet of trails
a Project	X							
b Project		X						
c Project			X					
d Project				X				
e Project					X			
f Track usage.		X	X	X	X			

What do we hope to accomplish in 2015?

- Additional sediment loading analyses
- Watershed management plans – completion of Fowl River WMP plus further watershed management planning
- Restorations of Joe’s Branch and D’Olive and Tiawasee creeks
- SAV mapping
- High-Resolution Habitat Mapping
- CHRI products will inform development of Coastal Habitat Protection and Conservation Plan
- Implementation of TMC WMP including strategic planning of comprehensive invasive species control
- Further WMP implementations



UPCOMING WATERSHED PLANS??????????

1. Bayou la Batre – **Mobile Soil and Water Cons. Dist.**
2. West Fowl River – **TNC**
3. Dog River – **MBNEP**
4. Tensaw-Apalachee – **DISL**
5. Fish River – **Baldwin Soil and Water Cons. Dist.**
6. Bon Secour River – **City of Foley**
7. Wolf Bay – **City of Orange Beach**

Next Meeting

- September 11, 2014
- 2:00pm-4:00pm
- Five Rivers Delta Center
- Blakeley Classrooms

