

Mobile Bay National Estuary Program



Government Networks Committee
September 16, 2016
Original Oyster House, Spanish Fort, AL



Welcome & Approval of Minutes

Merceria Ludgood, Mobile County Commission
Charles "Skip" Gruber, Baldwin County Commission





NFWF/RESTORE update

Patti Powell, ADCNR

Eliska Morgan, AGCRC



Create a Clean Water Future

Rick Frederick, MBNEP





Become a Clean Water Creator

Email



Play the Create a Clean Water Future Video

Challenge: Follow simple steps that help keep pollutants out of our waterways so we can enjoy them for generations

Children

Put Trash in The Bin

(5 Points)

Plastic wrappers and other trash easily get carried away by the wind and washed down storm drains into the streams and then the bay.

[Learn More](#) [Commit](#)



[VIEW MORE TIPS](#)



Teens

Join a Community Trash Pickup

(5 points)

A few hours of your time can make a big difference in removing the litter that lines our streets and waterways.

[Learn More](#) [Commit](#)



[VIEW MORE TIPS](#)



College

Use Reusable Water bottle

(5 Points)

[Learn More](#) [Commit](#)



[VIEW MORE TIPS](#)



Adults

Wash Car at Car Wash

(5 Points)

When You're Washing your vehicle on the street v

[Learn More](#) [Commit](#)



[VIEW MORE TIPS](#)



Retail Businesses

Promote Use of Reusable Totes

(5 Points)

Plastic makes up 90% of all trash at is in our oceans, a large portion of that comes from plastic bags.

[Learn More](#) [Commit](#)



[VIEW MORE RETAIL TIPS](#)



Restaurants

Switch to Biodegradable Cups and Boxes

Styrofoam cannot be easily recycled and takes over 500 years to decompose. It's a major source of trash pollutants in our water.

[Learn More](#) [Commit](#)



[VIEW MORE RESTAURANT TIPS](#)



Developers

Sediment Reduction

(5 Points)

Sediment from construction sites can cause all sorts of problems down stream and into the bay.

[Learn More](#) [Commit](#)



[VIEW MORE TIPS](#)



Schools

Watershed 101 Videos and Activities

(5 Points)

We've developed a resource for schools across the state to use to learn about watersheds

[Learn More](#) [Commit](#)



[VIEW MORE RETAIL TIPS](#)



Government

Implement Litter Ordinances

(5 Points)

Litter ordinances can provide substantial incentives for individuals and businesses to help keep our waters clean.

[Learn More](#) [Commit](#)



[VIEW MORE RESTAURANT TIPS](#)



SWITCH TO BIODEGRADABLE CUPS

EPS Foam from cups and to go containers is one of the biggest sources of litter pollution in our streams and rivers, switching to ...



[VIEW ALL RESTAURANTS TIPS](#)

PROMOTE USE OF REUSABLE TOTES

Encouraging and enabling customers to avoid plastic bags helps reducing the plastic debris we have to deal with and the chances it ...



[VIEW ALL RETAIL BUSINESSES TIPS](#)

BRING YOUR OWN BAG

Plastic bags often end up at the ocean traveling in the wind: they will float in the ocean for generations to come before they de ...

[VIEW ALL COLLEGE TIPS](#)

Teens

TRASH IN THE TRASH

In a rainy place like the Gulf coast, litter and plastic debris is easily washed into storm drains and from there into our streams ...



[VIEW ALL TEENS TIPS](#)

Schools

INVITE CLEAN WATER FUTURE SPEAKER

Create a Clean Water Future has several engaging speakers who would be willing to come to your entire school, class, or club. ...



[VIEW ALL SCHOOLS TIPS](#)

Why it's important

We can no longer just blame big factories and industry for polluted waters. Due to the Clean Air Act and strict regulation from the EPA and ADEM, most industries have cleaned up their act. Now it's up to us, every day people and businesses, to do our part to keep our waters clean.

We've asked thousands of locals what they value most, and time and time again, they tell us they value clean water that they can fish in, swim in, is beautiful, and pollution free. Some people don't realize how certain activities can pollute our waters, so we've come up with a list of simple tips that you can incorporate in your day to day life that will help make you a clean water future creator. From keeping trash contained in the bed of your pickup truck to attending an area litter clean up, every little bit helps, and as each of us does our little part, we'll make sure our streams, rivers, bayous, and bays are clean and beautiful for generations to come



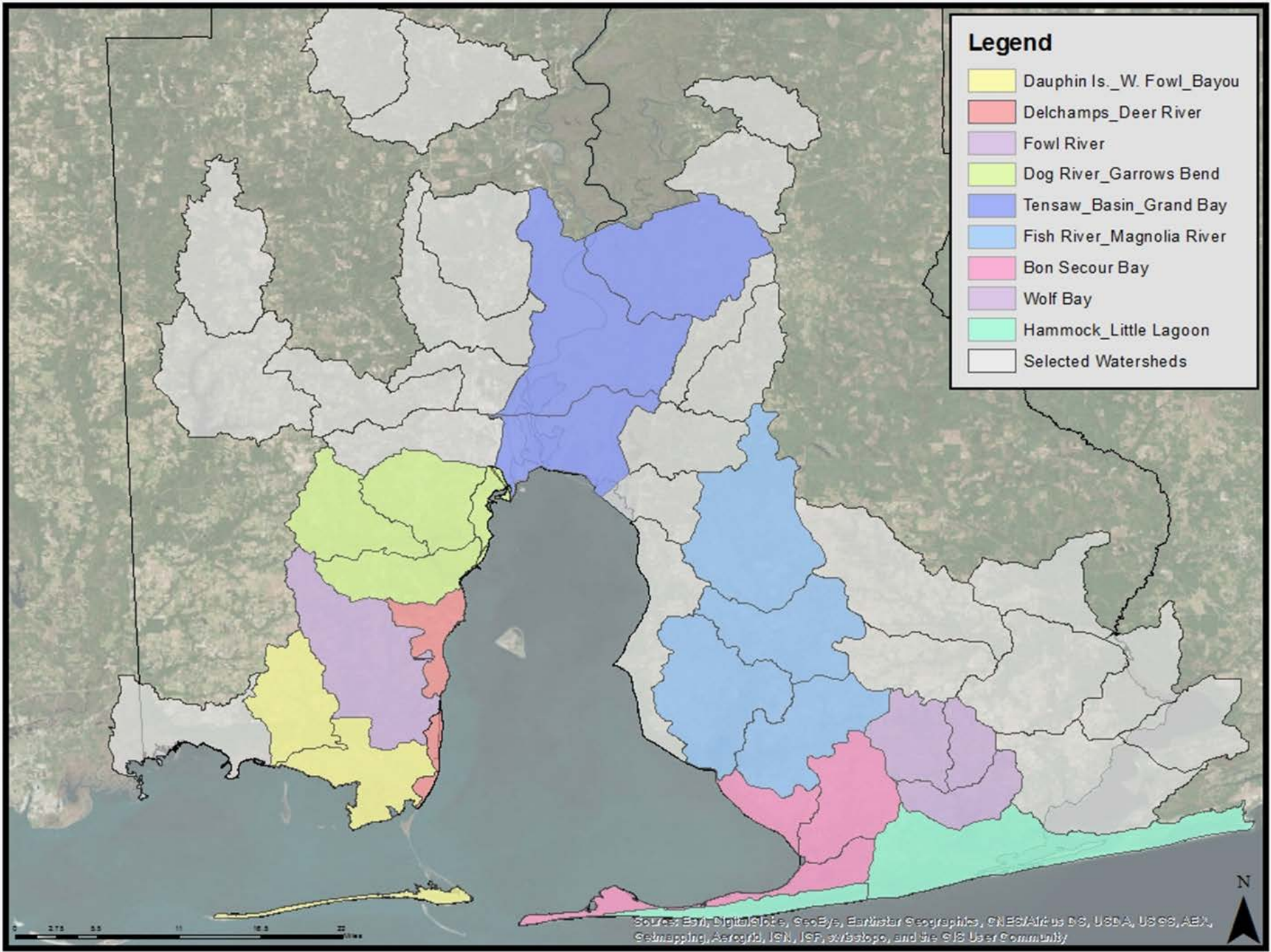
Learn Why Watersheds Are So Important



Watershed Update

Christian Miller, MBNEP





Legend

- Dauphin Is._W. Fowl_Bayou
- Delchamps_Deer River
- Fowl River
- Dog River_Garrows Bend
- Tensaw_Basin_Grand Bay
- Fish River_Magnolia River
- Bon Secour Bay
- Wolf Bay
- Hammock_Little Lagoon
- Selected Watersheds

Sources: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroX, Geomatics, AeroGRID, IGN, ISF, swisstopo, and the GIS User Community

Fowl River

- Mobile County Commission passed resolution of support of WMP
- Installation of watershed signage ongoing
- Submitted NFWF-GEBCF proposal
- Mon Louis Island restoration in process



Mississippi Sound

- Bayou La Batre
 - Safe Harbor/movement of critical infrastructure
 - SSOs/Stormwater infrastructure
 - Investigating property acquisition
- West Fowl River
 - Community engagement begun
 - Initial field visits
- Dauphin Island
 - Community engagement begun



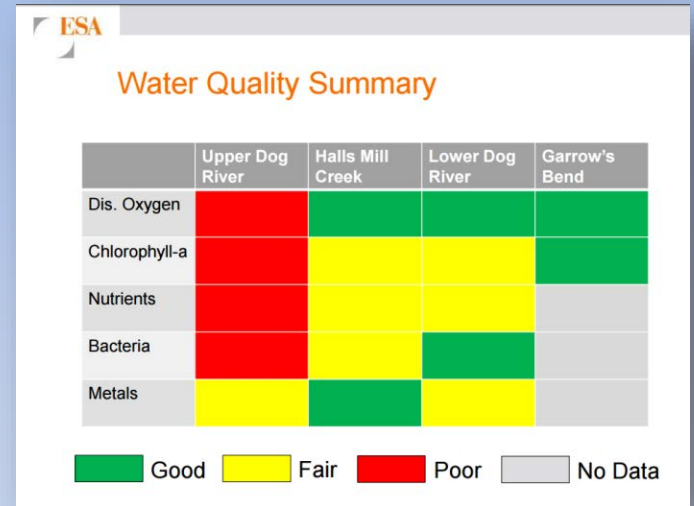
Bon Secour Complex

- Conservation/Preservation of remaining undeveloped upland/wetland/riparian habitat
- Living Shoreline installations
- Lack of adequate riparian buffers
 - Implementation of Ag BMPs
 - Land transitioning to Urban
- Invasive species management
 - Cogon grass, popcorn trees, privet
- Regional stormwater detention
- Major lack of water quality data
- Litter management



Dog River Complex

- Water Quality recommendations
 - Greatest needs in Upper Dog River (urban)
 - Education & Outreach to reduce illicit discharges and encourage BMPs
 - Identification and mitigation of failing wastewater infrastructure
 - Conserve/restore remaining wetlands
 - Stormwater treatment
- Working Group Recommendations
 - Acquisition of key wetland/riparian/access areas
 - Overhaul zoning/regulations
 - Living shoreline installation/bulkhead retrofits
 - Litter management
 - Education & Outreach
 - Enhance building codes (resiliency)
 - Mitigation of Stormwater/SSOs
 - Increased access



Weeks Bay Complex

- Stakeholder Workshop
 - Strengths/Weaknesses/Threats/Opportunities
- Sediment survey complete
- Watershed Characterization ongoing
 - Data analysis/GIS database
 - Field Assessments
 - Shoreline vulnerability/SLR
- Watershed model under development
 - Soil and Water Assessment Tool





Watershed Management Authorities in Alabama

Barbara Gibson, Choctawhatchee,
Pee, and Yellow Rivers WMA

Adjourn

Annual Meeting: Thursday, December 8th

