



Government Networks Committee
March 22, 2019
Original Oyster House, Spanish Fort, AL



Welcome & Approval of Minutes

Merceria Ludgood, Mobile County Commission





NFWF/RESTORE update

Chris Blankenship, ADCNR

Comprehensive Conservation & Management Plan Update

Christian Miller/Roberta Swann



CCMP Input



Opportunities

- Regulatory Changes
- Incentives/Innovative Financing
- Education
- Legislative Action
- Infrastructure Improvements

Challenges

- Political Will/Buy-In
- Funding
- Development Pressures
- Inconsistencies/Lack of Regulations
- Stormwater Management

Draft CCMP released for 45-day public comment period on February 1st

Technical Assistance and Capacity Building

TAC-3 Build capacity of local governments to manage and enhance coastal environmental resources

3.1

Improve elected officials' understanding of the relationship between land use, water resources management decisions, and environmental impacts

a. Create a library of short videos to educate elected officials and municipal staff about best practices for resource management and protection (ex. Dune Overlays, stormwater, LID)

b. Create an inventory of decision support tools useful for better resource management, including hydrologic models of each watershed

c. Conduct local government and resource manager training on use of decision support tools, including development of video training on use of hydrologic models

Technical Assistance and Capacity Building

TAC-3 Build capacity of local governments to manage and enhance coastal environmental resources

3.2	Improve regulatory framework to better protect coastal resources
	a. Maintain South Alabama Regulatory Review Database for stormwater management and coastal resource protection
	b. Assess enforcement of existing ordinances
	c. Develop recommendations for improved enforcement of existing ordinances, where appropriate
	d. Educate elected officials about existing ordinances for reducing non-point source pollution and support changes to improve effectiveness
	e. Build inventory of model ordinances based on management measures required under Alabama Coastal Nonpoint Pollution Control Program (ACNPCP) and USEPA and NOAA Office of Coastal Management criteria.
	f. Develop strategy for adoption of model ordinances as needed by watershed and across geopolitical boundaries
	g. Create new regulations or incentives to protect habitats most stressed along the coast (streams and rivers/riparian buffers, fresh water wetlands, intertidal marshes and flats)
	d. Facilitate adoption of policies by state agencies to use third party data, including but not limited to volunteer monitoring data, as part of their monitoring strategies

Technical Assistance and Capacity Building

TAC-3 Build capacity of local governments to manage and enhance coastal environmental resources

3.3	Support the Coastal Alabama Stormwater Team to better coordinate stormwater management activities throughout the Mobile Bay Watershed to improve the quality of water flowing into coastal waters
	a. Conduct an assessment of communities throughout the Greater Mobile Bay Watershed to determine opportunities for partnership on outreach and education materials
	b. Recruit communities to provide content for the CCWF website
	c. Recruit communities to join the CCWF campaign
	d. Distribute stormwater related videos to educate elected officials

Technical Assistance and Capacity Building

TAC-3 Build capacity of local governments to manage and enhance coastal environmental resources

3.4	



Discussion of Electing/Rotating GNC Chairs

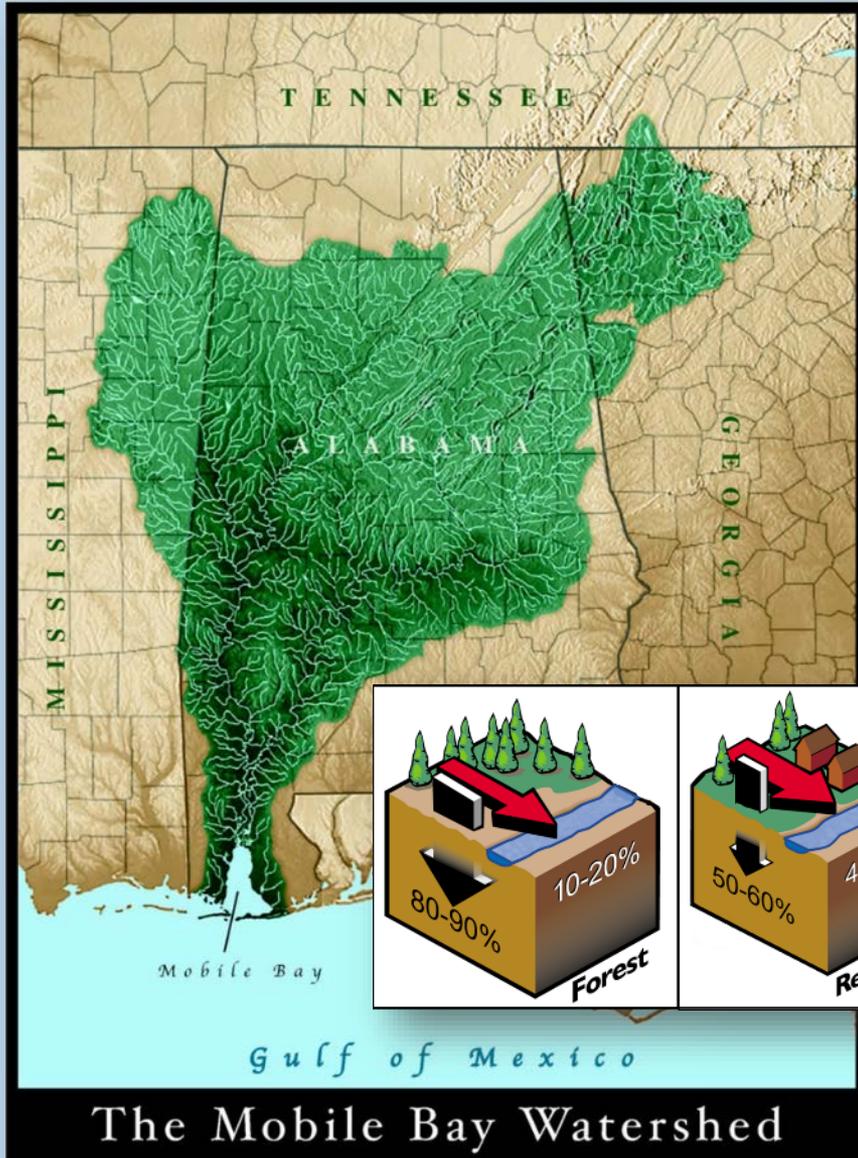
Roberta Swann/Christian Miller - MBNEP



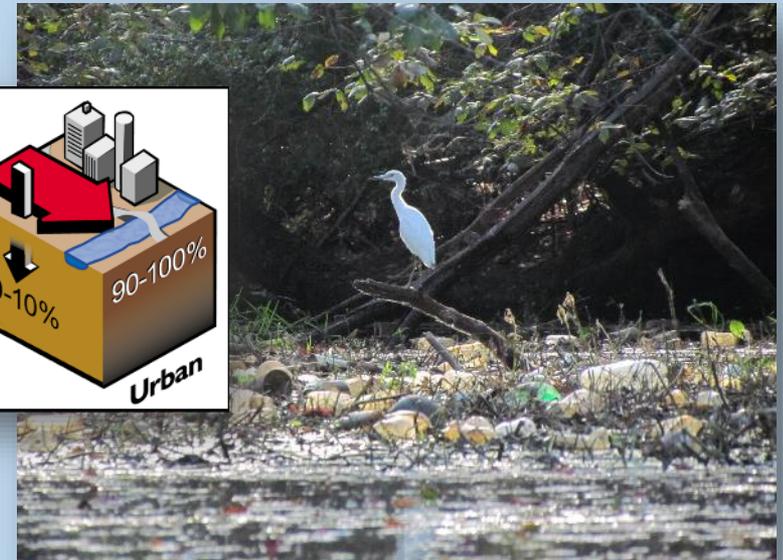
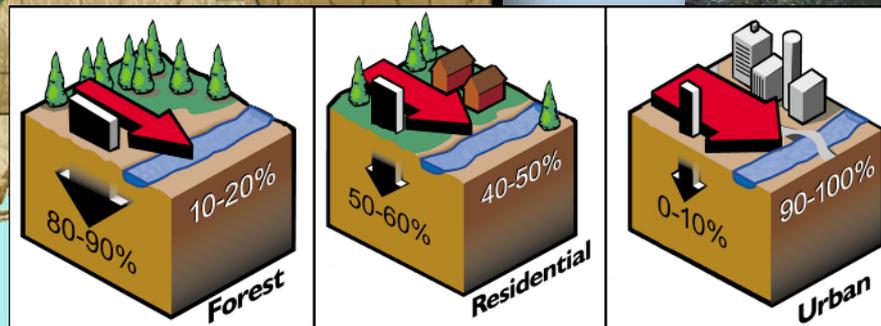
Tackling Lower Alabama's Litter Problem



The Problem



- Coastal populations are increasing = increased land development = increased volumes of stormwater runoff = increased amounts of pollutants entering coastal waters

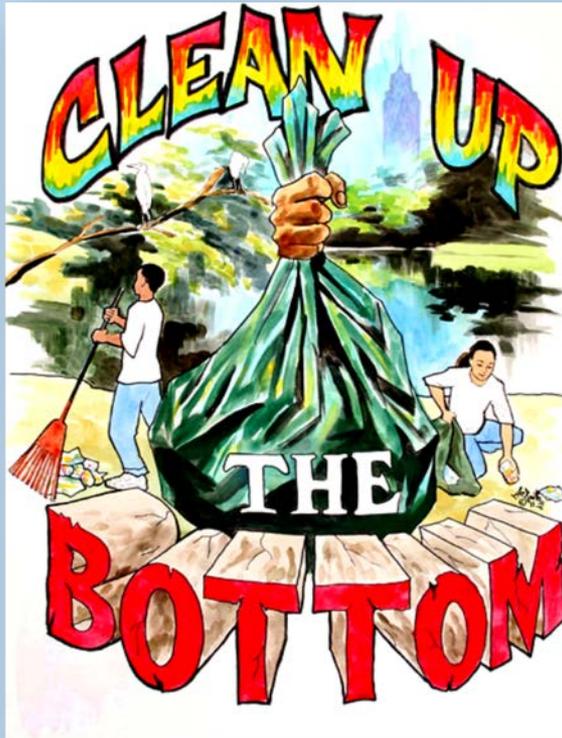


The Problem



- Regulatory efforts designed to mitigate littering have not been effective
- Litter is not classified as an impairment for listing waterways on the State's 303(d) list

Addressing the Problem



- MBNEP, the City of Mobile, and other partners sought to address litter in the lower reaches of Three Mile Creek
- Initial efforts culminated at “Clean up the Bottom” in 2011
- Success spurred subsequent clean-ups across Mobile and Baldwin counties

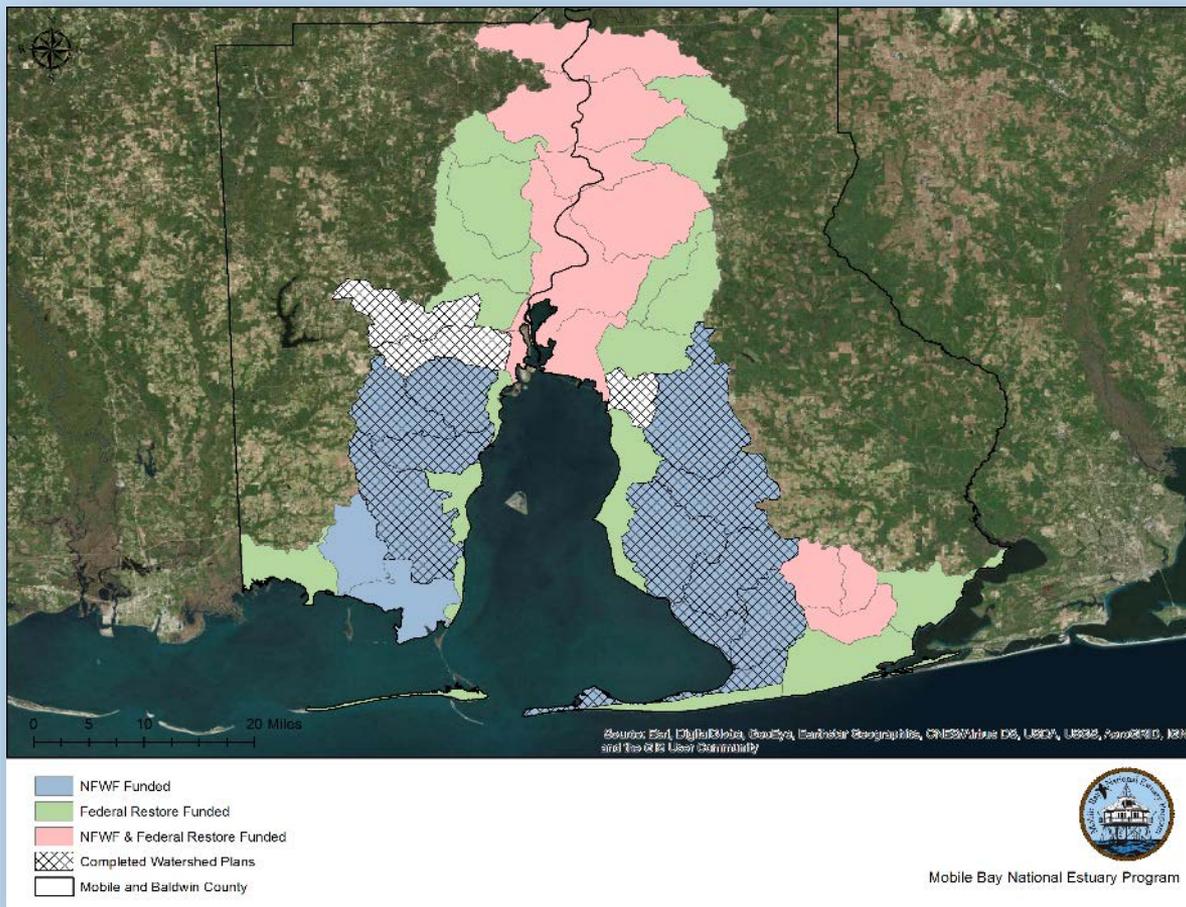
Addressing the Problem



- Clean-ups also focus on building pride in and connecting communities to natural resources
- Clean-ups have coincided with efforts to educate and empower communities to protect TMC
 - Leadership Academy
 - Creek Fest



Watershed Planning



- MBENP employs a holistic watershed approach to improve water quality
- Comprehensive Watershed Management Plans are being developed for all watersheds with tidal influence

Watershed Planning



DEWBERRY | ARCHITECTS ENGINEERS CONSULTANTS

FINAL

Three Mile Creek Watershed Management Plan

September 5, 2014

SUBMITTED BY:

Dewberry
169 Dauphin Street, Suite 100
Mobile, Alabama 36602
251.415.3744

SUBCONSULTANTS:

Brown and Caldwell
AerostarSES
PlaceMaker Design Studio, LLC

SUBMITTED TO:

Mobile Bay National Estuary Program
118 North Royal Street #601
Mobile, AL 36602
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Three Mile Creek Watershed Management Plan

Figure 3-23 Gross Pollutants discharging from a dumpster pad via a concrete flume to a tributary to Three Mile Creek, degrading surface water quality and habitat (Location: Dollar General on Spring Hill Road)



Dewberry

Mobile Bay National Estuary Program | TMC Watershed Management Plan | 73

- Watershed Plans identify **critical issues** and **corrective actions**
- Problems identified in WMPs vary but one issue has remained constant across all watersheds: **Trash and litter** entering waterways
- WMPs for **Three Mile Creek** and **Fowl River** have established goals of reducing trash/litter by 75%

Creating a Clean Water Future



- In 2014 a coalition of community leaders convened to assist local governments charged with managing stormwater
- The resulting campaign was named **Create a Clean Water Future**
- Create a Clean Water Future provides resources to municipalities and raises awareness of stormwater impacts



Dog River Tackles Litter

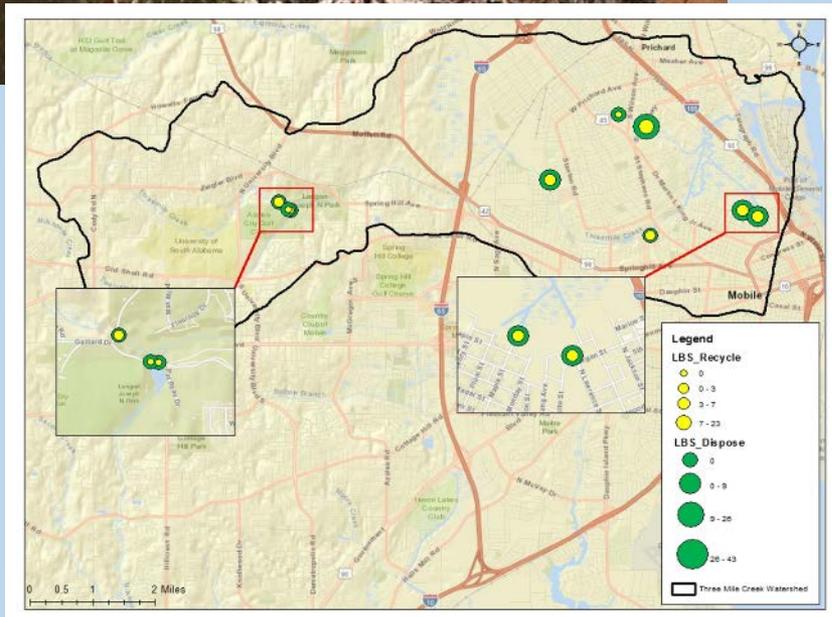


- Dog River Clearwater Revival was the first local organization to employ low-cost litter catchment which proved ineffective
- DRCCR partnered with the City of Mobile to install a large-scale litter trap
 - 400 cubic yards/year

Birth of the Litter Gitter



- In 2016 MBNEP partnered with PEP and Thompson Engineering in the *Assault on Maple Street*
- This opportunity was used to test a prototype litter trap, the “Litter Gitter”
- Through trial and error the Litter Gitter has been refined and installed in multiple waterbodies
 - Three Mile Creek
 - Dog River
 - Bon Secour

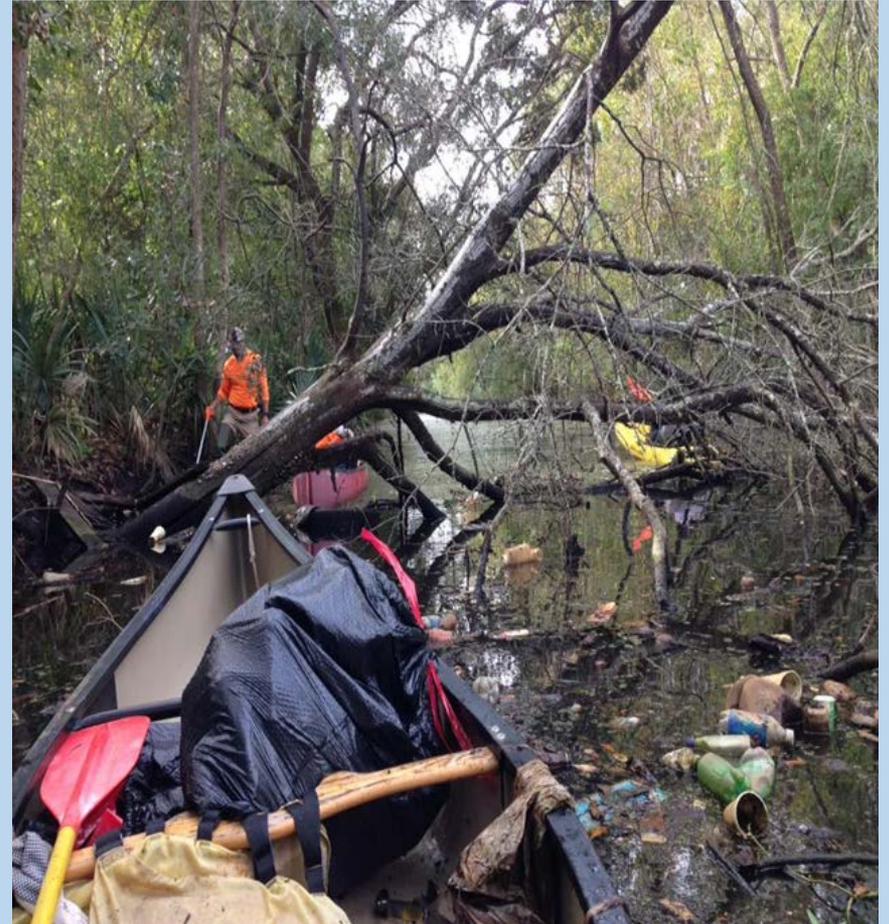




Birth of the Litter Gitter



Maple Street Tributary before

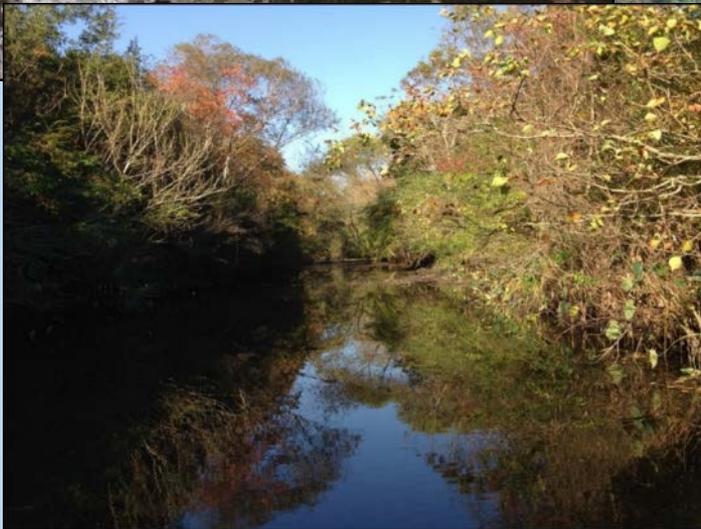




Birth of the Litter Gitter



Maple Street Tributary after



Expanding Efforts to Combat Litter

ORDINANCE NO. 516 – 2017

AN ORDINANCE REGULATING ILLICIT DISCHARGES INTO THE SPANISH FORT MUNICIPAL SEPARATE STORM SEWER SYSTEM

WHEREAS, the City Council of the City of Spanish Fort, Alabama, deems it to be in the best interest of the public health, safety and general welfare of its citizens to establish regulations to effectively prohibit the introduction of pollutants into the City's Municipal Separate Storm Sewer System (MS4) and the Waters of the State; and

WHEREAS, this Ordinance establishes methods for controlling the introduction of pollutants into the City's MS4 in order to comply with requirements of the National Pollutant Discharge Elimination System ("NPDES") Phase II General Permit, administered by the Alabama Department of Environmental Management and overseen by the United States Environmental Protection Agency.

NOW, THEREFORE, BE IT ORDAINED BY THE MAYOR AND THE CITY COUNCIL OF THE CITY OF SPANISH FORT, ALABAMA, AS FOLLOWS:

SECTION 1. TITLE.

ORDINANCE 516 – 2017 "CLEAN WATER ORDINANCE".

SECTION 2. JURISDICTION.

The provisions of this Ordinance shall apply to all lands within the corporate limits of the City of Spanish Fort, unless otherwise stated.

SECTION 3. PURPOSE.

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are:



- Cities are continuing to step up efforts to combat litter
 - Foley and Daphne employ workers to remove trash from rights of way
 - Spanish Fort passed a comprehensive Clean Water ordinance
 - Mobile established a Litter Crew to remove litter from rights of way & partnered with Mobile Baykeeper to install catchment devices in stormdrains

Conservation Corps



- Established in 2017, the Coastal Alabama Conservation Corps was established
 - train at-risk youth
 - implement TMC WMP
- Conducted outreach & education plan for sixth graders
- Created “Pick up the Trash” song and “Trash Mob” dance.

Future Efforts



- Continue to combat litter through development and implementation of WMPs
- Continue outreach and education efforts
- Coordinate and perform a “TRASH MOB”
- Plan and Implement alternative packaging incentive program targeting local businesses
- Strengthen & Improve regulations

Review of Proposed Anti- Litter Legislation

Margie Wilcox – AL House of
Representatives



Adjourn

