

Watershed Plans	HUC 12 Watersheds	Baseline Study Funding Source	WMP Funding Source	Status
Eight Mile	1	N/A	MBNEP/MASGC/CWP	Completed 2011/needs updating
D'Olive	Sub Basin of Tensaw Apalachee	ADCNR/NOAA, MBNEP	ADEM, EPA, MBNEP, MASGC, APCO, Baldwin County, Daphne, Spanish Fort	Completed 2010/needs updating
Three Mile Creek	1	N/A	ADCNR, MAWSS, ADEM, Mobile County, MBNEP, EPA	Completed 2014
Fowl River	1	NFWF-GEBF	NFWF-GEBF	Completed 2016
Bayou La Batre	1	NFWF-GEBF	NFWF-GEBF	Completed 2018
Dog River	3: Upper Dog River, Lower Dog River, Halls Mill Creek	MBNEP	NFWF-GEBF	Completed 2017
West Fowl River	1	NFWF-GEBF	NFWF-GEBF	Completed 2019
Bon Secour	3: Bon Secour River, Oyster Bay, Skunk Bayou	NFWF-GEBF	NFWF-GEBF	Completed 2017
Weeks Bay	4: Upper Fish River, Middle Fish River, Lower Fish River, Magnolia River	NFWF-GEBF	NFWF-GEBF	completed 2017
Wolf Bay	3: Sandy Creek, Mifflin Creek, Graham Bayou	NFWF-GEBF	NFWF-GEBF/RESTORE	Completed 2021
Mobile Tensaw Apalachee	6: Tensaw-Apalachee, Grand Bay, the Basin, Mittlin Lake, Big Chippewa Lake, Farris Creek/Barrow Creek	NFWF-GEBF	NFWF-GEBF/RESTORE	Ongoing, expected completion 4th qtr 2021
Western Shore	3: Garrows Bend, Deer River, Delchamps Bayou	RESTORE	RESTORE	Ongoing, expected completion 2nd qtr 2021
Gulf Frontal	2: Little Lagoon/Perdido Pass-Gulf Frontal	RESTORE	RESTORE	Ongoing, expected completion 3rd qtr 2021
Fly Creek/Eastern Shore	1	RESTORE	RESTORE	Ongoing, expected completion last qtr 2021
Eastern Delta	3: Whitehouse Creek, Upper Bay Minette Creek, Lower Bay Minette Creek	RESTORE	RESTORE	Starting 2021
Western Delta	4: Cold Creek, Gunnison Creek, Bayou Sara, Lower Chasaw Creek	RESTORE	RESTORE	Starting 2021
Dauphin Island	1	N/A	RESTORE	Ongoing, expected completion 3rd qtr 2022
Grand Bay Swamp	1	RESTORE	RESTORE	Starting 2021
Bridge Creek/Palmetto C reek	2: Bridge Creek/Palmetto Creek	RESTORE	RESTORE	Starting 2021

Overview ACNPCCP Management Measures per EPA Guidance.

Management Measures per EPA 1993 Guidance are listed below. Further detail is provided in ACNPCCP Checklist Spreadsheet and in the EPA Guidance Document. This tab gives general overview, other tabs are individual tracking sheets for review of existing and in progress WMPs to determine the extent to which these plans have addressed the ACNPCCP/EPA Management Measures.

Management Measures per EPA 1993 Guidance	Management Measure Overview	Location in Document
1.0 Introduction	"Management measures" are defined in CZARA as economically achievable measures to control the addition of pollutants to our coastal waters, which reflect the greatest degree of pollutant reduction achievable through the application of the best available nonpoint pollution control practices, technologies, processes, siting criteria, operating methods, or other alternatives. While State programs are required to specify management measures in conformity with this guidance, State programs need not specify or require the implementation of the particular management practices described in this document. As a practical matter, however, EPA anticipates that the management measures typically will be implemented by applying one or more management practices appropriate to the source, location, and climate. EPA recognizes that there is often site-specific, regional, and national variability in the selection of appropriate practices, as well as in the design constraints and pollution control effectiveness of practices. The list of practices for each management measure is not all-inclusive and does not preclude States or local agencies from using other technically sound practices. In all cases, however, the practice or set of practices chosen by a State needs to achieve the management measure. EPA recognizes as well that many sources may already achieve the management measures, or that only one or two practices may need to be added to achieve the measures. Existing NPS progress should be recognized and appropriate credit given to those who have already made progress toward accomplishing our common goal to control NPS pollution. There is no need to spend additional resources for a practice that is already in existence and operational. Existing practices, plans, and systems should be viewed as building blocks for these management measures and may need no additional improvement.	Ch. 1, p. 1-10
2.0 Management Measures for Agriculture Sources	Addresses six categories of sources of agricultural nonpoint pollution that affect coastal waters: (1) Erosion from cropland; (2) Confined animal facilities; (3) The application of nutrients to cropland; (4) The application of pesticides to cropland; (5) Grazing management; and (6) Irrigation of cropland. Goal is to minimize the delivery of pollutants to receiving waters and reduce physical disturbance of habitats.	Ch. 2, p. 2-1
3.0 Management Measures for Forestry	Management measures that address various phases of forestry operations relevant to the control of sources of silvicultural nonpoint pollution that affect coastal waters including: (1) Preharvest planning; (2) Streamside management areas; (3) Road construction/reconstruction; (4) Road management; (5) Timber harvesting; (6) Site preparation and forest regeneration; (7) Fire management; (8) Revegetation of disturbed areas; and (9) Forest chemical management (10) Wetland forest management. Goal is to minimize the delivery of pollutants to receiving waters and reduce physical disturbance of habitats.	Ch. 3, p. 3-1
4.0 Management Measures for Urban Areas	Addresses six major categories of sources of urban nonpoint pollution that affect surface waters: (1) Runoff from developing areas; (2) Runoff from construction sites; (4) On-site disposal systems; (5) General sources (households, commercial, and landscaping); and (6) Roads, highways, and bridges. Goal is to minimize the delivery of pollutant loading to receiving waters and limit disturbance of natural drainage features and vegetation.	Ch. 4, p. 4-1
5.0 Management Measures for Marinas and Recreational Boating	Addresses categories of sources of nonpoint pollution from marinas and recreational boating that affect coastal waters. Specifies 15 management measures grouped under two broad headings: (1) siting and design and (2) operation and maintenance. Goal is to minimize the delivery of pollutants to receiving waters, reduce physical disturbance of habitats, and protect against adverse effects on shellfish resources, wetlands, submerged aquatic vegetation, or other important riparian and aquatic habitat areas as designated by local, State, or Federal governments.	Ch. 4, p. 5-1
6.0 Management Measures for Hydromodification: Channelization and Channel Modification, Dams, and Streambank and Shoreline Erosion	Addresses nonpoint source impacts resulting from hydromodification, which often occurs to accommodate urban development. Addresses three categories of sources of non point pollution from hydromodification activities that affect coastal waters: (1) Channelization and channel modification; (2) Dams; and (3) Streambank and shoreline erosion. Overall goal is to minimize the effects of channelization and channel modification on the physical and chemical characteristics of surface waters in coastal areas; and protect streambank and shoreline features with the potential to reduce NPS pollution.	Ch. 6, p. 6-2
7.0 Management Measures for Wetlands, Riparian Areas, and Vegetated Treatment Systems	The primary NPS pollutants addressed are sediment, nitrogen, phosphorus, and temperatures; divided into three management measures: (1) Protection of Wetlands and Riparian Areas; (2) Restoration of Wetlands and Riparian Areas; and (3) Promoting the Use of Vegetated Treatment Systems, such as Constructed Wetlands and Vegetated Filter Strips. Goal is to implement management measures to protect wetlands and riparian areas that serve a nonpoint source abatement function and that address multiple categories of nonpoint source (NPS) pollution that affect coastal waters.	Ch. 7, p. 7-2
8.0 Monitoring and Tracking Techniques to Accompany Management Measures	Recommended monitoring techniques (1) to ensure proper implementation, operation, and maintenance of the management measures and (2) to assess over time the success of the measures in reducing pollution loads and improving water quality.	Ch. 8, p. 8-2

Fowl River WMP ACNPP Checklist

Management Measures per EPA 1993 Guidance	CCMP Strategy Relevance	Is relevant activity/impact identified in the WMP (Y, N/A)	If yes, is there a sufficient management recommendation? (Y, N) (where "sufficient" implies that it is up to the standard of the BMPs in the Guidance)	If Y, how are management measures being addressed? If N, what activities are lacking management recommendations?	If yes, location in WMP (enter section, page, paragraph as relevant)
2.0 Management Measures for Agriculture Sources	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6; TAC 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3, 2.1, 3.1				
A. Erosion and Sediment Control Management Measure		Y	Y	Engage farmers in improving water quality by encouraging cattle exclusion activities in vulnerable streams and employing agricultural best management practices to improve the quality and reduce the quantity of runoff from fields.	Sec. 8, pg. 236
B1. Management Measure for Facility Wastewater and Runoff from Confined Animal Facility Management (Large Units)		N/A			
B2. Management Measure for Facility Wastewater and Runoff from Confined Animal Facility Management (Small Units)		N/A			
C. Nutrient Management Measure		Y	Y	Engage farmers in improving water quality by encouraging cattle exclusion activities in vulnerable streams and employing agricultural best management practices to improve the quality and reduce the quantity of runoff from fields.	Sec. 8, pg. 236
D. Pesticide Management Measure		Y	Y	Engage farmers in improving water quality by encouraging cattle exclusion activities in vulnerable streams and employing agricultural best management practices to improve the quality and reduce the quantity of runoff from fields.	Sec. 8, pg. 236
E. Grazing Management Measure		Y	Y	Engage farmers in improving water quality by encouraging cattle exclusion activities in vulnerable streams and employing agricultural best management practices to improve the quality and reduce the quantity of runoff from fields.	Sec. 8, pg. 236
F. Irrigation Water Management		Y	Y	Engage farmers in improving water quality by encouraging cattle exclusion activities in vulnerable streams and employing agricultural best management practices to improve the quality and reduce the quantity of runoff from fields.	Sec. 8, pg. 236
3.0 Management Measures for Forestry	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6; TAC 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3, 2.1, 3.1			There are no significant forestry activities occurring within this watershed so no management measures were recommended as part of the WMP.	
A. Preharvest Planning		N/A			
B. Streamside Management Areas (SMAs)		N/A			
C. Road Construction/Reconstruction		N/A			
D. Road Management		N/A			
E. Timber Harvesting		N/A			
F. Site Preparation and Forest Regeneration		N/A			
G. Fire Management		N/A			
H. Revegetation of Disturbed Areas		N/A			
I. Forest Chemical Management		N/A			
J. Wetland Forest Management		N/A			
4.0 Management Measures for Urban Areas	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 3.1; TAC 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3, 2.1				
4.1 Urban Runoff		Y	Y	Stormwater Management; implementing stormwater management practices reduces stormwater runoff and increases infiltration of stormwater into the ground, restoring adequate quality. Low Impact Development, or green infrastructure, includes sustainable stormwater management and utilizes natural hydrologic cycles through multiple measures or practices...	Sec. 6.4, pg. 194
4.2 Construction Activities		Y	Y	Construction Phase Stormwater Management	Sec. 7, pg. 210
4.3 Existing Development		N/A		Post-Construction Stormwater Management	Sec. 7, pg. 210
4.4 Onsite Disposal Systems		N/A		No specific guidance related to BMPs for OSDS	
4.5 Pollution Prevention		Y	Y	Stormwater Management; implementing stormwater management practices reduces stormwater runoff and increases infiltration of stormwater into the ground, restoring adequate quality. Low Impact Development, or green infrastructure, includes sustainable stormwater management and utilizes natural hydrologic cycles through multiple measures or practices...	Sec. 6.4, pg. 194
4.6 Roads, Highways, & Bridges		Y	Y	Plan recommends instituting a BMP program for entities responsible for managing roads in the watershed including alternatives for ditch maintenance and improved chemical pesticide management program.	Sec. 8.5, pg. 231
5.0 Management Measures for Marinas and Recreational Boating	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 3.1; TAC 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3, 2.1				
5.1 SITING AND DESIGN MANAGEMENT MEASURES		Y	Y	Marinas in the watershed should be encouraged to participate in the MASGC Clean Marina Program	Sec. 8, pg. 235
5.2 MARINA AND BOAT OPERATION AND MAINTENANCE MANAGEMENT MEASURES:		Y	Y	Marinas in the watershed should be encouraged to participate in the MASGC Clean Marina Program	Sec. 8, pg. 235
6.0 Management Measures for Hydromodification: Channelization and	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6; TAC 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3, 2.1, 3.1				
6.1 CHANNELIZATION AND CHANNEL MODIFICATION MANAGEMENT MEASURES:		Y	Y	Extensive guidance on stream restoration, including channel modification and associated management measures are outlined along with specific locations for potential projects.	Sec. 6.3, pg. 185
6.2 DAMS MANAGEMENT MEASURES		N/A			
6.3 STREAMBANK AND SHORELINE EROSION MANAGEMENT MEASURE		Y	Y	Specific recommendations for shoreline and streambank erosion/stabilization measures are provided	Sec. 6.1, pg. 179 Sec. 6.3, pg. 185
7.0 Management Measures for Wetlands, Riparian Areas, and Vegetate	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 3.2; TAC 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3, 2.1, 3.1				
A. Management Measure for Protection of Wetlands and Riparian Areas		Y	Y	Critical areas of habitat loss were identified based on their relevance to maintaining or improving water quality within the Fowl River Watershed and/or their importance to the many species that live there. An overlay of wetlands and agricultural land use/land cover depicts priority wetland preservation areas.	Sec. 5.3, pg. 175
B. Management Measure for Restoration of Wetlands and Riparian Areas		Y	Y	Critical areas of habitat loss were identified based on their relevance to maintaining or improving water quality within the Fowl River Watershed and/or their importance to the many species that live there. Previous wetland areas, now drained and developed for agricultural land use are identified as critical wetland restoration areas.	Sec. 5.3, pg. 176 Sec. 6.2, pg. 183 Sec. 6.3, pg. 185
C. Road Construction/C. Management Measure for Vegetated Treatment Systems Reconstruction		Y	Y	Recommendations for installation of specific Green Infrastructure practices, including constructed stormwater wetlands, vegetated filter strips, and bioretention to treat stormwater in key locations throughout the Watershed.	Sec. 6.4, pg. 194
8.0 Monitoring and Tracking Techniques to Accompany Management M	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 3.1, 3.2; TAC 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3, 2.1, 3.1			A monitoring program is defined to document the overall health of the Fowl River Watershed, track the success or failure of the implemented management measures, and determine where additional measures are necessary.	Sec. 10, pg. 253

Bayou La Batre WMP ACNCP Checklist

	CCMP Strategy Relevance	Is relevant activity/impact identified in the WMP (Y, N/A)	If yes, is there a sufficient management recommendation? (Y, N) [where "sufficient" implies that it is up to the standard of the BMPs in the Guidance]	If Y, how are management measures being addressed? If N, what activities are lacking management recommendations?	If yes, location in WMP (enter section, page, paragraph as relevant)
2.0 Management Measures for Agriculture Sources	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6; TAC 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1; 3.1				
A. Erosion and Sediment Control Management Measure		Y	Y	Coordinate a BMP standards educational campaign for farmers in the upper watershed. Work with local agricultural land owners to implement agricultural BMPs (i.e. vegetated buffers or perimeter swales)	Sec. 7, p.183 Sec. 7, p.191
B1. Management Measure for Facility Wastewater and Runoff from Confined Animal Facility Management (Large Units)		N/A			
B2. Management Measure for Facility Wastewater and Runoff from Confined Animal Facility Management (Small Units)		N/A			
C. Nutrient Management Measure		Y	Y	Coordinate a BMP standards educational campaign for farmers in the upper watershed. Work with local agricultural land owners to implement agricultural BMPs (i.e. vegetated buffers or perimeter swales)	Sec. 7, p.183 Sec. 7, p.191
D. Pesticide Management Measure		Y	Y	Coordinate a BMP standards educational campaign for farmers in the upper watershed. Work with local agricultural land owners to implement agricultural BMPs (i.e. vegetated buffers or perimeter swales)	Sec. 7, p.183 Sec. 7, p.191
E. Grazing Management Measure		Y	Y	Coordinate a BMP standards educational campaign for farmers in the upper watershed.	Sec. 7, p.183
F. Irrigation Water Management		Y	Y	Coordinate a BMP standards educational campaign for farmers in the upper watershed.	Sec. 7, p.183
3.0 Management Measures for Forestry	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6; TAC 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1; 3.1			Update silviculture recommendations	
A. Preharvest Planning		N/A			
B. Streamside Management Areas (SMAs)		N/A			
C. Road Construction/Reconstruction		N/A			
D. Road Management		N/A			
E. Timber Harvesting		N/A			
F. Site Preparation and Forest Regeneration		N/A			
G. Fire Management		N/A			
H. Revegetation of Disturbed Areas		N/A			
I. Forest Chemical Management		N/A			
J. Wetland Forest Management		N/A			
4.0 Management Measures for Urban Areas	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7; 3.1; TAC 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1				
4.1 Urban Runoff		Y	Y	"Stormwater management for urban areas of the Bayou La Batre Watershed will be most effective if implementation includes both structural and non-structural BMPs. Installation of regional detention areas and improvements to existing infrastructure in the City of Bayou La Batre will function most effectively if planning and development regulations address stormwater runoff and downstream flooding by incorporating onsite measures into the designs of future development."	Sec. 6.2.1.1, pg. 173
4.2 Construction Activities		Y	Y	Recommends increased enforcement to ensure compliance with NPDES permits at active construction sites and "include regulatory requirements regarding erosion control for new construction into the City's Zoning Ordinance and require Mobile Bay that these measures be included in local regulatory review prior to issuance of local development permits."	Sec. 6.2.3.3, pg. 196
4.3 Existing Development		Y	Y	Plan recommends implementation of Low Impact Development practices (eg. constructed stormwater wetlands and rainwater harvesting) to improve stormwater management in urban areas of the Watershed.	Sec. 6.2.1.5, pg 175
4.4 Onsite Disposal Systems		Y	Y	"An extension to the sanitary sewer collection system to allow more residents to abandon septic systems and connect to the City's system is recommended. However, there are areas within the Watershed where this is not feasible. For areas where sanitary sewer collection system connections are not feasible, education and outreach for proper installation and maintenance of septic systems is recommended."	Sec. 6.2.4.4, pg199
4.5 Pollution Prevention		Y	Y	Plan recommends implementation of a comprehensive education and outreach program "Citizen education and increased awareness is the best management measure to treat impairments to water quality at its direct source."	Sec. 6.2.5, pg 200
4.6 Roads, Highways, & Bridges		Y	Y	Plan identifies priority unpaved roads for stabilization to reduce sedimentation in the Watershed	Sec. 6.2.3.1, pg 189
5.0 Management Measures for Marinas and Recreational Boating	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7; 3.1; TAC 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1				

5.1 SITING AND DESIGN MANAGEMENT MEASURES		Y	Y	Encourage local and City marinas to participate in an initiative to explore possible best management implementation.	Sec. 7, p.190
5.2 MARINA AND BOAT OPERATION AND MAINTENANCE MANAGEMENT MEASURES:		Y	Y	Explore implementation of Clean Marina Program.	Sec. 7, p.184
6.0 Management Measures for Hydromodification: Channelization and	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6; TAC 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1, 3.1				
6.1 CHANNELIZATION AND CHANNEL MODIFICATION MANAGEMENT MEASURES:		Y	Y	WMP includes recommendations for implementing BMPs for channel restoration.	Sec. 6.3.2, pg 202
6.2 DAMS MANAGEMENT MEASURES		N/A			
6.3 STREAMBANK AND SHORELINE EROSION MANAGEMENT MEASURE		Y	Y	WMP includes recommendations for implementing BMPs for channel restoration.	Sec. 6.3.2, pg 202
7.0 Management Measures for Wetlands, Riparian Areas, and Vegetate	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 3.2; TAC 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1, 3.1				
A. Management Measure for Protection of Wetlands and Riparian Areas		Y	Y	Plan identifies priority wetland and riparian protection areas	Sec. 6.3.3, pg 216
B. Managemeent Measure for Restoration of Wetlands and Riparian Areas		Y	Y	Plan identifies riparian/wetland priority restoration areas	Sec. 6.2.2.2, pg. 183
C. Road Construction/C. Management Measure for Vegetated Treatment SystemsReconstruction		Y	Y	Plan recommends implementation of Low Impact Development practices (eg. constructed stormwater wetlands and vegetated buffer strips) to improve stormwater management in urban areas of the watershed.	Sec. 6.2.1.5, pg 175
8.0 Monitoring and Tracking Techniques to Accompany Management	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 3.1, 3.2; TAC 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1, 3.1	Y	Y	Plan recommends implementation of a monitoring program to assess watershed responses to management actions to inform better decisions and increase likelihood of success.	Sec. 11, pg. 309

Eightmile Creek WMP ACNCP Checklist

	CMP Strategy Relevance	Is relevant activity/impact identified in the WMP (Y, N/A)	If yes, is there a sufficient management recommendation? (Y, N) where "sufficient" implies that it is up to the standard of the BMPs in the Guidance	If Y, how are management measures being addressed? If N, what activities are lacking management recommendations?	If yes, location in WMP (enter section, page, paragraph as relevant)
Management Measures per EPA 1993 Guidance	CMP Strategy Relevance				
2.0 Management Measures for Agriculture Sources	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6; TAC 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3, 2.1, 3.1			There are no significant agricultural activities occurring within this watershed so no management measures were recommended as part of the WMP.	
A. Erosion and Sediment Control Management Measure		N/A			
B1. Management Measure for Facility Wastewater and Runoff from Confined Animal Facility Management (Large Units)		N/A			
B2. Management Measure for Facility Wastewater and Runoff from Confined Animal Facility Management (Small Units)		N/A			
C. Nutrient Management Measure		N/A			
D. Pesticide Management Measure		N/A			
E. Grazing Management Measure		N/A			
F. Irrigation Water Management		N/A			
3.0 Management Measures for Forestry	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6; TAC 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3, 2.1, 3.1			There are no significant forestry activities occurring within this watershed so no management measures were recommended as part of the WMP.	
A. Preharvest Planning		N/A			
B. Streamside Management Areas (SMAs)		N/A			
C. Road Construction/Reconstruction		N/A			
D. Road Management		N/A			
E. Timber Harvesting		N/A			
F. Site Preparation and Forest Regeneration		N/A			
G. Fire Management		N/A			
H. Revegetation of Disturbed Areas		N/A			
I. Forest Chemical Management		N/A			
J. Wetland Forest Management		N/A			
4.0 Management Measures for Urban Areas	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 3.1; TAC 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3, 2.1				
4.1 Urban Runoff		Y	Y	"Provide education on low-impact development practices to prevent nonpoint source pollution. 7. Reduction of runoff from commercial and residential lawns through education, soils tests, fertilizer application plans, rain gardens, and retention basins."	Pg. 28
4.2 Construction Activities		Y	Y	"Bolster county and city regulations to prevent stormwater runoff from construction"	Pg. 32
4.3 Existing Development		Y	Y	"Reduction of stormwater runoff through education on home and yard products, low-impact development practices, incentive programs, workshops, and field days."	Pg. 30
4.4 Onsite Disposal Systems		Y	Y	"Remediation of failing septic systems and prevention of system failure through education, regulation, cost-share programs, promotion of clustered/regulated community treatment systems, and other incentives, and support the efforts of the Mobile Area Water and Sewer System and Pritchard Water and Sewer Board to continue to upgrade and expand sanitary sewer infrastructure and encourage residents to connect to municipal sewage systems when possible."	Pg. 29
4.5 Pollution Prevention		Y	Y	"Encourage use of environmentally friendly products for homes, businesses, lawns, and septic systems"	Pg. 32
4.6 Roads, Highways, & Bridges		N			
5.0 Management Measures for Marinas and Recreational Boating	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 3.1; TAC 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3, 2.1			BMPs for marinas weren't included for this watershed since there weren't any marinas present when the plan was developed and aren't likely in the future.	
5.1 SITING AND DESIGN MANAGEMENT MEASURES		N/A			
5.2 MARINA AND BOAT OPERATION AND MAINTENANCE MANAGEMENT MEASURES:		N/A			
6.0 Management Measures for Hydromodification: Channelization and	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6; TAC 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3, 2.1, 3.1				
6.1 CHANNELIZATION AND CHANNEL MODIFICATION MANAGEMENT MEASURES:		N			
6.2 DAMS MANAGEMENT MEASURES		N			
6.3 STREAMBANK AND SHORELINE EROSION MANAGEMENT MEASURE		Y	Y	"Identifying and prioritizing key riparian corridors and streams for preservation and restoration to promote natural filtration of runoff and to provide recreational access to residents."	Pg. 30
7.0 Management Measures for Wetlands, Riparian Areas, and Vegetate	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 3.2; TAC 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3, 2.1, 3.1				
A. Management Measure for Protection of Wetlands and Riparian Areas		Y	Y	"Identifying and prioritizing key riparian corridors and streams for preservation and restoration to promote natural filtration of runoff and to provide recreational access to residents."	Pg. 30
B. Management Measure for Restoration of Wetlands and Riparian Areas		N			
C. Road Construction/C. Management Measure for Vegetated Treatment Systems/Reconstruction		N			
8.0 Monitoring and Tracking Techniques to Accompany Management M	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 3.1, 3.2; TAC 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3, 2.1, 3.1	Y	N	"Organizations and individuals involved with this Watershed Management Plan and responsible for its continuation will need a measurement of the current water quality status and updates on how this changes over time to reflect changes in land use practices and development, natural forces, and conservation efforts. This information will allow the WMP to be changed and updated accordingly"	Pg. 36

Bon Secour WMP ACNPCCP Checklist

	CCMP Strategy Relevance	Is relevant activity/impact identified in the WMP (Y, N/A)	If yes, is there a sufficient management recommendation? (Y, N) [where "sufficient" implies that it is up to the standard of the BMPs in the Guidance]	If Y, how are management measures being addressed? If N, what activities are lacking management recommendations?	If yes, location in WMP (enter section, page, paragraph as relevant)
Management Measures per EPA 1993 Guidance					
2.0 Management Measures for Agriculture Sources	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6; TAC 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1; 3.1				
A. Erosion and Sediment Control Management Measure		Y	Y	Establishing vegetated buffers along waterways is a simple and inexpensive way to protect and improve water quality.	sec. 7.1.5
B1. Management Measure for Facility Wastewater and Runoff from Confined Animal Facility Management (Large Units)		N/A			
B2. Management Measure for Facility Wastewater and Runoff from Confined Animal Facility Management (Small Units)		N/A			
C. Nutrient Management Measure		Y	Y	Establishing vegetated buffers along waterways is a simple and inexpensive way to protect and improve water quality.	sec. 7.1.5
D. Pesticide Management Measure		Y	Y	Establishing vegetated buffers along waterways is a simple and inexpensive way to protect and improve water quality.	sec. 7.1.6
E. Grazing Management Measure		Y	Y	The WMTF should promote the Baldwin County Environmental Quality Incentives Program (EQIP), Conservation Stewardship Program (CSP), and Agricultural Conservation Easement Program (ACEP) to all rural producers and riparian landowners in each watershed.	Sec 10.3.1
F. Irrigation Water Management		Y	Y	The WMTF should promote the Baldwin County Environmental Quality Incentives Program (EQIP), Conservation Stewardship Program (CSP), and Agricultural Conservation Easement Program (ACEP) to all rural producers and riparian landowners in each watershed.	Sec 10.3.2
3.0 Management Measures for Forestry	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6; TAC 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1; 3.1			There are no significant forestry activities occurring within this watershed so no management measures were recommended as part of the WMP.	
A. Preharvest Planning		N/A			
B. Streamside Management Areas (SMAs)		N/A			
C. Road Construction/Reconstruction		N/A			
D. Road Management		N/A			
E. Timber Harvesting		N/A			
F. Site Preparation and Forest Regeneration		N/A			
G. Fire Management		N/A			
H. Revegetation of Disturbed Areas		N/A			
I. Forest Chemical Management		N/A			
J. Wetland Forest Management		N/A			
4.0 Management Measures for Urban Areas	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7; 3.1; TAC 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1				
4.1 Urban Runoff		Y	Y	conducting a comprehensive assessment is recommended to identify the sub-watersheds that are the greatest contributors of stormwater runoff and to determine the most effective approach for managing the runoff generated in these areas.	sec. 7.2.1, pg. 7-11
4.2 Construction Activities		Y	Y	A multi-media outreach program to explain and promote low impact design techniques for use in new construction and redevelopment within the region will be implemented.	sec.7, pg.7-13
4.3 Existing Development		Y	Y	recommended actions include a comprehensive assessment of stormwater generating areas in the watershed and installation of regional stormwater management facilities.	sec.7.2
4.4 Onsite Disposal Systems		N		No specific guidance related to BMPs for OSDS	
4.5 Pollution Prevention		Y	Y	Recommended actions include installation of regional stormwater management facilities to reduce stormwater runoff and contamination in the Watershed.	sec.7.2.1
4.6 Roads, Highways, & Bridges		Y	Y	Plan recommends maintaining good housekeeping practices that facilitate litter control, including street sweeping and frequently cleaning up roadside litter. Continuing these practices and identifying opportunities to augment them will reduce the amount of litter entering the waterways	sec 7.1.2, pg 7-4
5.0 Management Measures for Marinas and Recreational Boating	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7; 3.1; TAC 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1				
5.1 SITING AND DESIGN MANAGEMENT MEASURES		Y	Y	Another objective of the AMCMP includes the establishment of a cost-share program to provide incentives to marinas for retrofitting existing infrastructures (including stormwater and waste management systems to meet the "Clean Marina" standards).	pg.7-11
5.2 MARINA AND BOAT OPERATION AND MAINTENANCE MANAGEMENT MEASURES:		Y	Y	The AMCMP promotes boater education, coordination among state agencies, and better communication of existing regulations and offers incentives to creative and proactive marina operators.	pg.7-10
6.0 Management Measures for Hydromodification: Channelization and Channel Modification, C	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6; TAC 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1, 3.1				

6.1 CHANNELIZATION AND CHANNEL MODIFICATION MANAGEMENT MEASURES:		Y	Y	It is recommended that stream bank stabilization measures and stream restoration efforts be implemented following or concurrent with efforts to reduce and manage the volume of stormwater generated by the watershed.	pg.7-14
6.2 DAMS MANAGEMENT MEASURES		N/A			
6.3 STREAMBANK AND SHORELINE EROSION MANAGEMENT MEASURE		Y	Y	It is recommended that stream bank stabilization measures and stream restoration efforts be implemented following or concurrent with efforts to reduce and manage the volume of stormwater generated by the watershed.	pg.7-14
7.0 Management Measures for Wetlands, Riparian Areas, and Vegetated Treatment Systems	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 3.2; TAC 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1, 3.1				
A. Management Measure for Protection of Wetlands and Riparian Areas		Y	Y	Increase conservation easements and protected habitat	sec.7.1
B. Management Measure for Restoration of Wetlands and Riparian Areas		Y	Y	It is recommended that stream bank stabilization measures and stream restoration efforts be implemented following or concurrent with efforts to reduce and manage the volume of stormwater generated by the watershed.	pg.7-14
C. Road Construction/C. Management Measure for Vegetated Treatment Systems Reconstruction		Y	Y	Plan has recommendations for invasive species management using both physical and chemical treatments	sec. 7.1.6
8.0 Monitoring and Tracking Techniques to Accompany Management Measures	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 3.1, 3.2; TAC 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1, 3.1	Y	Y	Plan contains a recommended monitoring and sampling plan	sec. 11

Dog River WMP ACNCP Checklist

	CCMP Strategy Relevance	Is relevant activity/impact identified in the WMP (Y, N/A)	If yes, is there a sufficient management recommendation? (Y, N) [where "sufficient" implies that it is up to the standard of the BMPs in the Guidance]	If Y, how are management measures being addressed? If N, what activities are lacking management recommendations?	If yes, location in WMP (enter section, page, paragraph as relevant)
Management Measures per EPA 1993 Guidance					
2.0 Management Measures for Agriculture Sources	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6; TAC 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1; 3.1			There are no significant agricultural activities occurring within this urban watershed so no management measures were recommended as part of the WMP.	
A. Erosion and Sediment Control Management Measure		N/A			
B1. Management Measure for Facility Wastewater and Runoff from Confined Animal Facility Management (Large Units)		N/A			
B2. Management Measure for Facility Wastewater and Runoff from Confined Animal Facility Management (Small Units)		N/A			
C. Nutrient Management Measure		N/A			
D. Pesticide Management Measure		N/A			
E. Grazing Management Measure		N/A			
F. Irrigation Water Management		N/A			
3.0 Management Measures for Forestry	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6; TAC 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1; 3.1			There are no significant forestry activities occurring within this urban watershed so no management measures were recommended as part of the WMP.	
A. Preharvest Planning		N/A			
B. Streamside Management Areas (SMAs)		N/A			
C. Road Construction/Reconstruction		N/A			
D. Road Management		N/A			
E. Timber Harvesting		N/A			
F. Site Preparation and Forest Regeneration		N/A			
G. Fire Management		N/A			
H. Revegetation of Disturbed Areas		N/A			
I. Forest Chemical Management		N/A			
J. Wetland Forest Management		N/A			
4.0 Management Measures for Urban Areas	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7; 3.1; TAC 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1				
4.1 Urban Runoff		Y	Y	In an effort to reduce stormwater impacts, preserve and restore natural landscapes, and protect water quality, systems and practices that mimic natural processes should be employed.	sec. 7.3, pg. 241
4.2 Construction Activities		Y	Y	A watershed hydrologic modeling program will be used to help managers evaluate proposed new developments with respect to compliance with any new stormwater related codes or standards that are established for such new developments.	sec. 7.1, pg. 232
4.3 Existing Development		Y	Y	Recommended LID retrofits for existing developed areas are presented in Table 7.3.2.	sec. 7.3.2, pg. 241
4.4 Onsite Disposal Systems		N/A		No specific guidance related to BMPs for OSDS	
4.5 Pollution Prevention		Y	Y	In an effort to reduce stormwater impacts, preserve and restore natural landscapes, and protect water quality, systems and practices that mimic natural processes should be employed.	sec. 7.3, pg. 241
4.6 Roads, Highways, & Bridges		Y	Y	In an effort to reduce stormwater impacts, preserve and restore natural landscapes, and protect water quality, systems and practices that mimic natural processes should be employed.	sec. 7.3, pg. 241
5.0 Management Measures for Marinas and Recreational Boating	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7; 3.1; TAC 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1			The Alabama - Mississippi Clean Marina Program (AMCMP) is a voluntary, incentive-based program developed and implemented by the Mississippi-Alabama Sea Grant Consortium and partners to promote environmentally responsible and sustainable marina and boating practices (http://masgc.org/cleanmarina-program).	Sec. 9.7.2, pg. 311
5.1 SITING AND DESIGN MANAGEMENT MEASURES		Y	Y	The AMCMP focuses on seven management measures identified by marina operators as priorities: 1) marina siting, design, and maintenance; 2) sewage management; 3) fuel management; 4) solid waste and petroleum recycling and disposal; 5) vessel operation, maintenance, and repair; 6) stormwater management and erosion control; and 7) marina management and public education.	Sec. 9.7.2, pg. 311
5.2 MARINA AND BOAT OPERATION AND MAINTENANCE MANAGEMENT MEASURES:		Y	Y	The AMCMP focuses on seven management measures identified by marina operators as priorities: 1) marina siting, design, and maintenance; 2) sewage management; 3) fuel management; 4) solid waste and petroleum recycling and disposal; 5) vessel operation, maintenance, and repair; 6) stormwater management and erosion control; and 7) marina management and public education.	Sec. 9.7.2, pg. 312
6.0 Management Measures for Hydromodification: Channelization and Channel Modification, Dams, and Stream	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6; TAC 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1, 3.1				
6.1 CHANNELIZATION AND CHANNEL MODIFICATION MANAGEMENT MEASURES:		Y	Y	The restoration approach follows specific published guidelines and methods endorsed by numerous institutions and regulatory agencies including the EPA, U.S. Army Corps of Engineers (USACE), U.S. Fish and Wildlife Service (USFWS), and the North Carolina Stream Restoration Institute.	Sec. 7.5.2.1., pg. 260
6.2 DAMS MANAGEMENT MEASURES		N/A			
6.3 STREAMBANK AND SHORELINE EROSION MANAGEMENT MEASURE		Y	Y	Management measures should focus on protecting, conserving, preserving, or restoring shorelines and natural shoreline habitats in the greater Dog River Watershed.	Sec. 7.5.3, pg. 266
7.0 Management Measures for Wetlands, Riparian Areas, and Vegetated Treatment Systems	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 3.2; TAC 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1, 3.1			Due to the amount of development that has occurred throughout the greater Dog River Watershed, an emphasis is placed on the protection and restoration of the remaining wetland and stream habitats.	sec. 7.5, pg. 254
A. Management Measure for Protection of Wetlands and Riparian Areas		Y	Y	Therefore, this WMP is recommending that a minimum of 1,000 acres of existing natural wetlands and ecologically significant land in the greater Dog River Watershed be acquired for preservation.	Sec. 7.4, pg. 248

B. Management Measure for Restoration of Wetlands and Riparian Areas		Y	Y	Management measures recommended to help protect and restore critical habitats in the greater Dog River Watershed include, but are not limited to: restoring 20,000 linear feet of riparian buffer (Section 7.5.1); restoring 6,000 linear feet of stream network (Section 7.5.2); and protecting and Restoring 3,000 linear feet of shoreline (Section 7.5.3).	Sec. 7.5, pg. 254
C. Road Construction/C. Management Measure for Vegetated Treatment Systems Reconstruction		Y	Y	LID approaches create functional and appealing stormwater management systems by using such techniques as bioretention facilities, rain gardens, vegetated rooftops, rain barrels, permeable pavement, and rainwater harvest techniques.	Sec. 7.3, pg. 241
8.0 Monitoring and Tracking Techniques to Accompany Management Measures	<p>ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 3.1, 3.2;</p> <p>TAC 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1;</p> <p>EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5;</p> <p>EST 1.1, 1.2, 1.3; 2.1, 3.1</p>	Y	Y	The monitoring plan should encompass the greatest possible portion of the Watershed with the least number of samples while providing sufficient detail to identify probable source areas for elements of concern. It is recommended as a management measure that additional water quality data collection be conducted (at constant and consistent locations) under a long-term monitoring program.	sec.10, pg. 283

D'Olive WMP ACNPCC Checklist

Management Measures per EPA 1993 Guidance	CCMP Strategy Relevance	Is relevant activity/impact identified in the WMP (Y, N/A)	If yes, is there a sufficient management recommendation? (Y, N) [where "sufficient" implies that it is up to the standard of the BMPs in the Guidance]	If Y, how are management measures being addressed? If N, what activities are lacking management recommendations?	If yes, location in WMP (enter section, page, paragraph as relevant)
2.0 Management Measures for Agriculture Sources	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6; TAC 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1; 3.1			There are no significant agricultural activities occurring within this urban watershed so no management measures were recommended as part of the WMP.	
A. Erosion and Sediment Control Management Measure		N/A			
B1. Management Measure for Facility Wastewater and Runoff from Confined Animal Facility Management (Large Units)		N/A			
B2. Management Measure for Facility Wastewater and Runoff from Confined Animal Facility Management (Small Units)		N/A			
C. Nutrient Management Measure		N/A			
D. Pesticide Management Measure		N/A			
E. Grazing Management Measure		N/A			
F. Irrigation Water Management		N/A			
3.0 Management Measures for Forestry	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6; TAC 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1; 3.1			There are no significant forestry activities occurring within this urban watershed so no management measures were recommended as part of the WMP.	
A. Preharvest Planning		N/A			
B. Streamside Management Areas (SMAs)		N/A			
C. Road Construction/Reconstruction		N/A			
D. Road Management		N/A			
E. Timber Harvesting		N/A			
F. Site Preparation and Forest Regeneration		N/A			
G. Fire Management		N/A			
H. Revegetation of Disturbed Areas		N/A			
I. Forest Chemical Management		N/A			
J. Wetland Forest Management		N/A			
4.0 Management Measures for Urban Areas	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7; 3.1; TAC 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1			Effective, sustained post-construction management of stormwater runoff will help solve the present channel degradation problems affecting the streams of the D'Olive Watershed. By initiating proactive measures to address the stormwater management problems, it should be possible to reduce the amount of public tax dollars required to correct these ever-increasing problems in the future.	sec. 6.3.1
4.1 Urban Runoff		Y	Y		
4.2 Construction Activities		Y	Y	Plan recommends strengthening BMPs for construction stormwater management	sec. 6.5
4.3 Existing Development		Y	Y	For the purposes of this WMP, stormwater retrofits are defined as practices that modify existing stormwater systems or install new stormwater management facilities within already developed areas.	sec. 6.3.3.1
4.4 Onsite Disposal Systems		N		No specific guidance related to BMPs for OSDS	
4.5 Pollution Prevention		Y	Y	Plan recommends installation of Low Impact Development/Green Infrastructure	sec. 6.3.4
4.6 Roads, Highways, & Bridges		Y	Y	Plan recommends best management practices for Highway Right-of-Ways and installation of "Green Streets".	6-80; sec. 6.3.4.3.1
5.0 Management Measures for Marinas and Recreational Boating	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7; 3.1; TAC 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1	N/A		BMPs for marinas weren't included for this watershed since there weren't any marinas present when the plan was developed and aren't likely in the future.	
5.1 SITING AND DESIGN MANAGEMENT MEASURES		N/A			
5.2 MARINA AND BOAT OPERATION AND MAINTENANCE MANAGEMENT MEASURES:		N/A			
6.0 Management Measures for Hydromodification: Channelization and Channel Modification	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6; TAC 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1, 3.1				
6.1 CHANNELIZATION AND CHANNEL MODIFICATION MANAGEMENT MEASURES:		Y	Y	Plan recommends measures to mitigate impacts of channelization/hydromodification	sec. 6.2.1
6.2 DAMS MANAGEMENT MEASURES		N/A			
6.3 STREAMBANK AND SHORELINE EROSION MANAGEMENT MEASURE		Y	Y	Plan recommends Stream Restoration/Stabilization Techniques	sec. 6.2.1.2
7.0 Management Measures for Wetlands, Riparian Areas, and Vegetated Treatment Systems	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 3.2; TAC 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1, 3.1				

A. Management Measure for Protection of Wetlands and Riparian Areas		Y	Y	In addition, acquisition of conservation easements for all restored areas should be considered to insure future protection of the restored areas.	sec. 6.2.3
B. Management Measure for Restoration of Wetlands and Riparian Areas		Y	Y	Stream Restoration; Wetland restoration/enhancement;	sec. 6.2.1; sec. 6.2.3
C. Road Construction/C. Management Measure for Vegetated Treatment Systems Reconstruction		Y	Y	Bioretention Areas	sec. 6.3.4.3.5
8.0 Monitoring and Tracking Techniques to Accompany Management Measures	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 3.1, 3.2; TAC 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1, 3.1	Y	Y	A monitoring program to track the efforts and success of this Watershed Management Plan (WMP) should be developed and pursued in a consistent fashion.	sec. 11

TMC WMP ACNCP Checklist

Management Measures per EPA 1993 Guidance	CCMP Strategy Relevance	Is relevant activity/impact identified in the WMP (Y, N/A)	If yes, is there a sufficient management recommendation? (Y, N) [where "sufficient" implies that it is up to the standard of the BMPs in the Guidance]	If Y, how are management measures being addressed? If N, what activities are lacking management recommendations?	If yes, location in WMP (enter section, page, paragraph as relevant)
2.0 Management Measures for Agriculture Sources	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6; TAC 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1; 3.1			There are no significant agricultural activities occurring within this urban watershed so no management measures were recommended as part of the WMP.	
A. Erosion and Sediment Control Management Measure		N/A			
B1. Management Measure for Facility Wastewater and Runoff from Confined Animal Facility Management (Large Units)		N/A			
B2. Management Measure for Facility Wastewater and Runoff from Confined Animal Facility Management (Small Units)		N/A			
C. Nutrient Management Measure		N/A			
D. Pesticide Management Measure		N/A			
E. Grazing Management Measure		N/A			
F. Irrigation Water Management		N/A			
3.0 Management Measures for Forestry	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6; TAC 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1; 3.1			There are no significant forestry activities occurring within this urban watershed so no management measures were recommended as part of the WMP.	
A. Preharvest Planning		N/A			
B. Streamside Management Areas (SMAs)		N/A			
C. Road Construction/Reconstruction		N/A			
D. Road Management		N/A			
E. Timber Harvesting		N/A			
F. Site Preparation and Forest Regeneration		N/A			
G. Fire Management		N/A			
H. Revegetation of Disturbed Areas		N/A			
I. Forest Chemical Management		N/A			
J. Wetland Forest Management		N/A			
4.0 Management Measures for Urban Areas	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7; 3.1; TAC 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1				
4.1 Urban Runoff		Y	Y	A list of all recommended BMPs to achieve the watershed plan objectives was developed based on the specific needs identified in the previous sections and is presented in the sections below. These recommendations included both structural BMPs and nonstructural BMPs. Structural BMPs are engineering solutions for managing stormwater, such as sediment boxes to improve water quality by preventing litter and sediments from entering a water body. Non-structural BMPs do not have physical structures, but instead are actions or activities that improve watershed conditions, such as enforcement of regulations, additional field studies, or education efforts.	Sec. 6.2.5
4.2 Construction Activities		Y	Y	Construction related observation and enforcement of NPDES Construction General Permit Requirements (>1 acre disturbance).	sec. 6.2.6
4.3 Existing Development		Y	Y	Partner with private land owners to disconnect impervious areas/ install Green Infrastructure projects; provide grants for installation of green infrastructure BMPs on private property.	sec. 6.2.6
4.4 Onsite Disposal Systems		Y	Y	Field studies and inspection: Identify and remove sanitary system and septic system leakage/overflows into groundwater, creeks and tributaries. Focus on TSB and CEN sub-basins and lower portion of watershed.	sec. 6.2.6
4.5 Pollution Prevention		Y	Y	LID/GIIS type of structural BMP that assists in improving water quality and supports sustainability by capturing pollutants and infiltrating runoff near its source.	Sec. 6.2.6.1
4.6 Roads, Highways, & Bridges		Y	Y	LID/GIIS type of structural BMP that assists in improving water quality and supports sustainability by capturing pollutants and infiltrating runoff near its source.	Sec. 6.2.6.2

5.0 Management Measures for Marinas and Recreational Boating	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7; 3.1; TAC 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1				BMPs for marinas weren't included for this watershed since there weren't any marinas present when the plan was developed and aren't likely in the future.	
5.1 SITING AND DESIGN MANAGEMENT MEASURES						
5.2 MARINA AND BOAT OPERATION AND MAINTENANCE MANAGEMENT MEASURES:						
6.0 Management Measures for Hydromodification: Channelization and	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6; TAC 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1, 3.1					
6.1 CHANNELIZATION AND CHANNEL MODIFICATION MANAGEMENT MEASURES:					Blueway Trail construction; Another structural BMP that will improve water quality and aquatic life is the removal of submerged aquatic vegetation in select locations (see Table 6-2) and reconnecting the historic creek channel and adjacent wetlands in the lower portion of the watershed by removing the plug (see Section 6.3.2.1.3).	Sec. 6.2.3.3, 6.2.6.1
6.2 DAMS MANAGEMENT MEASURES			Y	Y	Maintain design level of service for flood protection from USACE dams (Goal 5)	Sec 5.2.1
6.3 STREAMBANK AND SHORELINE EROSION MANAGEMENT MEASURE			Y	Y	Restoration of degraded stream banks and riparian buffers is also included in the list of structural BMPs.	Sec. 6.2.6.1
7.0 Management Measures for Wetlands, Riparian Areas, and Vegetate	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 3.2; TAC 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1, 3.1					
A. Management Measure for Protection of Wetlands and Riparian Areas			Y	Y	Structural BMPs involve constructed restoration efforts, such as sediment boxes, wet detention facilities, and riparian buffer improvements that may require land acquisition and/or easements.	Sec. 6.2.6.1
B. Management Measure for Restoration of Wetlands and Riparian Areas			Y	Y	Restoration of degraded stream banks and riparian buffers is also included in the list of structural BMPs.	Sec. 6.2.6.1
C. Road Construction/C. Management Measure for Vegetated Treatment SystemsReconstruction			Y	Y	Plan has recommendation for installation of Green Infrastructure practices including constructed wetlands and vegetated buffers.	Sec. 6.2.6.1
8.0 Monitoring and Tracking Techniques to Accompany Management M	2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 3.1, 3.2; TAC 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 3.1, 3.2, 3.3, 4.1,				Plan recommends implementation of a monitoring program to assess watershed responses to management actions to inform better decisions and increase likelihood of success.	9.3.6

Weeks Bay WMP ACNCP Checklist

	CCMP Strategy Relevance	Is relevant activity/impact identified in the WMP (Y, N/A)	If yes, is there a sufficient management recommendation? (Y, N) [where "sufficient" implies that it is up to the standard of the BMPs in the Guidance]	If Y, how are management measures being addressed? If N, what activities are lacking management recommendations?	If yes, location in WMP (enter section, page, paragraph as relevant)
Management Measures per EPA 1993 Guidance					
2.0 Management Measures for Agriculture Sources	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6; TAC 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1; 3.1	Y	Y	Encourage Improved Agricultural/Forestry BMPs	Sec. 6.6
A. Erosion and Sediment Control Management Measure		Y	Y	Increased use of cover crops to decrease soil erosion and nutrient leaching, improve infiltration and increase soil organics	Sec. 6.6
B1. Management Measure for Facility Wastewater and Runoff from Confined Animal Facility Management (Large Units)		Y	Y	Identify/Remediate areas with high livestock numbers where manure runoff is found to be a source of pathogens associated with water quality issues	Sec. 6.6
B2. Management Measure for Facility Wastewater and Runoff from Confined Animal Facility Management (Small Units)		Y	Y	Livestock exclusion from wetlands/streams and protection of riparian buffers along streams	Sec. 6.6
C. Nutrient Management Measure		Y	Y	Improved nutrient management through increased use of precision agriculture application of fertilizer and pesticides; split nitrogen application, etc. in order to reduce the potential for contaminated runoff and leaching	Sec. 6.6
D. Pesticide Management Measure		Y	Y	Improved nutrient management through increased use of precision agriculture application of fertilizer and pesticides; split nitrogen application, etc. in order to reduce the potential for contaminated runoff and leaching	Sec. 6.6
E. Grazing Management Measure		Y	Y	Grassland: Pasture management, controlled grazing, weed control, stream crossing, gully structures, livestock exclusion, and cropland conversion.	Sec. 6.6
F. Irrigation Water Management		Y	Y	The U.S. Department of Agriculture financial resources provide applicants with financial assistance to address erosion control, soil quality, grazing lands, forestry/wildlife health, and irrigation water management and invasive species control.	Sec. 8.3.1
3.0 Management Measures for Forestry					
A. Preharvest Planning	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6; TAC 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1; 3.1	Y	Y	Encourage Improved Agricultural/Forestry BMPs	Sec. 6.6
B. Streamside Management Areas (SMAs)		Y	Y	The AFC has established non-regulatory guidelines for the implementation of best management practices as published in Alabama's Best Management Practices for Forestry, 2007 (copy provided in Appendix F). These practices include stream-side management zones, forest road construction, fire break stabilization, harvesting techniques , and stream crossings.	Sec. 3.2.4.3
C. Road Construction/Reconstruction		Y	Y	The AFC has established non-regulatory guidelines for the implementation of best management practices as published in Alabama's Best Management Practices for Forestry, 2007 (copy provided in Appendix F). These practices include stream-side management zones , forest road construction, fire break stabilization, harvesting techniques , and stream crossings.	Sec. 3.2.4.4
D. Road Management		Y	Y	The AFC has established non-regulatory guidelines for the implementation of best management practices as published in Alabama's Best Management Practices for Forestry, 2007 (copy provided in Appendix F). These practices include stream-side management zones, forest road construction , fire break stabilization, harvesting techniques , and stream crossings.	Sec. 3.2.4.5
E. Timber Harvesting		Y	Y	Forestland: Tree planting, planting desirable species, control burning, control undesirable invasive species, water breaks, gully structures, access roads .	Sec. 6.6
F. Site Preparation and Forest Regeneration		Y	Y	Forestland: Tree planting, planting desirable species, control burning, control undesirable invasive species, water breaks, gully structures, access roads .	Sec. 6.7
G. Fire Management		Y	Y	Environmental Quality Improvement Program (EQIP) is a voluntary program that provides financial and technical assistance to agricultural producers to plan and implement conservation practices that improve soil, water, plant, animal, air and related natural resources on agricultural land and non-industrial forestland.	Sec. 6.6
H. Revegetation of Disturbed Areas		Y	Y	Emergency Watershed Protection Program (EWP) provides financial assistance for recovery efforts in response to natural disasters and is designed to help people conserve natural resources by relieving imminent hazards to life and property caused by floods, fires , drought, windstorms and other natural occurrences.	Sec. 6.6
I. Forest Chemical Management		Y	Y	Increased use of cover crops to decrease soil erosion and nutrient leaching, improve infiltration and increase soil organics	Sec. 6.6

J. Wetland Forest Management		Y	Y	Environmental Quality Improvement Program (EQIP) is a voluntary program that provides financial and technical assistance to agricultural producers to plan and implement conservation practices that improve soil, water, plant, animal, air and related natural resources on agricultural land and non-industrial forestland.	Sec. 6.6
4.0 Management Measures for Urban Areas	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7; 3.1; TAC 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1	Y	Y	All BMP design and implementation requirements should meet or exceed those in the current edition of the Alabama Handbook for Erosion Control, Sediment Control and Stormwater Management on Construction Sites and Urban Areas.	Table 6.1
4.1 Urban Runoff		Y	Y	Develop appropriate post-construction stormwater management regulations applicable, at a minimum, to watersheds where urban runoff is an identified cause of water quality impairment	Table 6.1
4.2 Construction Activities		Y	Y	Work collectively with an appropriately qualified BMP specialist to develop a common set of construction phase stormwater technical design standards	Table 6.1
4.3 Existing Development		Y	Y	Provide assistance for updating restrictions or retrofitting existing poor performing facilities	Table 6.1
4.4 Onsite Disposal Systems		Y	Y	Develop an inventory of septic tanks that predate the existing ADPH inventory and design and implement an effort to quantify the contribution of septic tanks to both the pathogen and nutrient loadings within stream segments having water quality issues. After that inventory is complete conduct a GIS analysis to identify "hot spots" where septic tank locations are in poor soil types for such facilities and are in close proximity to streams and wetlands	Sec. 6.7
4.5 Pollution Prevention		Y	Y	Identify actions to reduce point and non-point source pollution (including stormwater runoff and associated trash, nutrients, pathogens, erosion and sedimentation) and remediate past effects of environmental degradation thereby reducing outgoing pollutant loads into Mobile Bay, Mississippi Sound, and the Gulf of Mexico	Sec. 5.1
4.6 Roads, Highways, & Bridges		Y	Y	Adding roadside bioswales, making roads narrower and designing smaller or porous parking lots with on-site runoff retention saves money by reducing the amount of pavement, curbs and gutters needed.	Sec. 11.2.1
5.0 Management Measures for Marinas and Recreational Boating	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7; 3.1; TAC 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1	Y	Y	Marinas and recreational boating are recognized as potential sources of nonpoint source pollution in coastal watersheds. The Alabama- Mississippi Clean Marina Program (AMCMP) is a voluntary, incentive-based program developed and implemented by the MississippiAlabama Sea Grant Consortium and partners to promote environmentally- responsible and sustainable marina and boating practices (http://masgc.org/clean-marina-program).	Sec. 11.8.2
5.1 SITING AND DESIGN MANAGEMENT MEASURES		Y	Y	The AMCMP focuses on seven management measures identified by marina operators as priorities: (1) marina siting, design, and maintenance; (2) sewage management; (3) fuel management; (4) solid waste and petroleum recycling and disposal; (5) vessel operation, maintenance, and repair; (6) stormwater management and erosion control; and (7) marina management and public education.	Sec. 11.8.2
5.2 MARINA AND BOAT OPERATION AND MAINTENANCE MANAGEMENT MEASURES:		Y	Y	The USFWS Boating Infrastructure Grant program is an example of a federal program that could provide ADCNR maintenance funding to improve the quality of boat landing, pier and other public-access related facilities within each watershed.	Sec. 8.3.1
6.0 Management Measures for Hydromodification: Channelization and	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6; TAC 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1, 3.1				
6.1 CHANNELIZATION AND CHANNEL MODIFICATION MANAGEMENT MEASURES:		Y	Y	WMP has extensive guidance on stream restoration, including channel modification and associated management measures are outlined along with specific locations for potential projects.	Sec. 4.5; 6.8.1
6.2 DAMS MANAGEMENT MEASURES		N/A		Management measures for Dams do not apply to this watershed.	
6.3 STREAMBANK AND SHORELINE EROSION MANAGEMENT MEASURE		Y	Y	Identify instream erosional "hot spots" on Fish and Magnolia Rivers (and tributaries) and prioritize and implement stream restoration and bank stabilization to reduce sediment contributions.	Sec. 6.7
7.0 Management Measures for Wetlands, Riparian Areas, and Vegetated	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 3.2; TAC 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1, 3.1				
A. Management Measure for Protection of Wetlands and Riparian Areas		Y	Y	Two important types of high quality habitats should be considered for protections: (1) coastal zone tidal areas around Weeks Bay, particularly tidal marshes currently outside of conservation easements, and (2) upstream strategic locations and ecologically significant habitats, e.g., locations with habitat or species tracked by the Alabama Natural Heritage Program, subwatershed areas with intact riparian buffers, especially headwater areas.	Sec. 6.8.2

B. Management Measure for Restoration of Wetlands and Riparian Areas		Y	Y	Because most wetlands in the Watershed are associated with rivers, streams, and drainageways, riparian buffer restoration actions will involve some level of stream and wetland restoration.	Sec. 6.8.1
C. Road Construction/C. Management Measure for Vegetated Treatment Systems Reconstruction		Y	Y	Plan has recommendation for promotion of Green Infrastructure practices including constructed wetlands and vegetated buffers.	Sec. 11.2.1
8.0 Monitoring and Tracking Techniques to Accompany Management M	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 3.1, 3.2; TAC 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1, 3.1	Y	Y	Develop Appropriate Monitoring and Adaptive Management Mechanisms	Sec. 6.10