		Baseline Study	WMP Funding	
Watershed Plans	HUC 12 Watersheds	Funding Source	Source	Status
				Completed 2011/needs
Eight Mile	1	N/A	MBNEP/MASGC/CWP	updating
			ADEM, EPA, MBNEP,	
			MASGC, APCO, Baldwin	
			County, Daphne, Spanish	Completed 2010/needs
D'Olive	Sub Basin of Tensaw Apalachee	ADCNR/NOAA, MBNEP	Fort	updating
			ADCNR, MAWSS, ADEM,	
			Mobile County, MBNEP,	
Three Mile Creek	1	N/A	EPA	Completed 2014
Fowl River	1	NFWF-GEBF	NFWF-GEBF	Completed 2016
Bayou La Batre	1	NFWF-GEBF	NFWF-GEBF	Completed 2018
	3: Upper Dog River, Lower Dog River,			
Dog River	Halls Mill Creek	MBNEP	NFWF-GEBF	Completed 2017
West Fowl River	1	NFWF-GEBF	NFWF-GEBF	Completed 2019
	3: Bon Secour River, Oyster Bay, Skunk			
Bon Secour	Bayou	NFWF-GEBF	NFWF-GEBF	Completed 2017
	4: Upper Fish River, Middle Fish River,			
Weeks Bay	Lower Fish River, Magnolia River	NFWF-GEBF	NFWF-GEBF	completed 2017
	3: Sandy Creek, Mifflin Creek, Graham			
Wolf Bay	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 ACNPCP Management Measures per EPA Guidance

Monagement Measures per EPA 1993 Guidance are listed below. Further detail is provided in ACNPCP Checklist Spreadsheet and in the EPA Gudiance 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 ACNPCP/EPA Management Measures.

		Location in
Management Measures per EPA 1993 Guidance	Management Measure Overview	Document
	"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	
1.0 Introduction	improvement.	Ch. 1, p. 1-10
	Addresses six categories of sources of agricultural nonpoint pollution that affect coastal waters: (I) Erosion from cropland; (2) Confined animal facilities; (3) The application of nutrients to cropland; (4) The application	
2.0 Management Measures for Agriculture Sources	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
	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)	
3.0 Management Measures for Forestry	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
	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	
4.0 Management Measures for Urban Areas	disturbance of natural drainage features and vegetation.	Ch. 4, p. 4-1
	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	
5.0 Management Measures for Marinas 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,	
Recreational Boating	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:	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	
Channelization and Channel Modification, Dams,	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	
and Streambank and Shoreline Erosion	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
	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	
7.0 Management Measures for Wetlands, Riparian	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, and Vegetated Treatment Systems		Ch. 7, p. 7-2
8.0 Monitoring and Tracking Techniques to	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	1
Accompany Management Measures	loads and improving water quality.	Ch. 8, p. 8-2

Fowl River WMP ACNPCP Checklist					
		Is relevant activity/impact	If yes, is there a sufficient management recommendation? (Y, N) [where "sufficient" implies		If yes, location in WMP
Management Measures per EPA 1993 Guidance	CCMP Strategy Relevance	identified in the WMP (Y, N/A)	that it is up to the standard of the BMPs in the Guidancel	If Y, how are management measures being addressed? If N, what activities are lacking management recommendations?	(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 1.2, 1.3, 1.3, 2.3, 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	wite (1, N/A)	the bivirs in the dutuance	II II), mind accinics at a daving management recommensations:	paragraph as relevanty
A. Erosion and Sediment Control Management Measure		Y	Y	Engage farners in improving water quality by encouraging cattle exclusion activities in vunerable streams and employing agricultural best management practices to improve the quality and reduce the quanity 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		Υ	Y	Engage farners in improving water quality by encouraging cattle exclusion activities in vunerable streams and employing agricultural best management practices to improve the quality and reduce the quanity of runoff from fields.	Sec. 8, pg 236
D. Pesticide Management Measure		Y	Y	Engage farners in improving water quality by encouraging cattle exclusion activities in vunerable streams and employing agricultural best management practices to improve the quality and reduce the quanity of runoff from fields.	Sec. 8, pg 236
E. Grazing Management Measure		Υ	Y	Engage farners in improving water quality by encouraging cattle exclusion activities in vunerable streams and employing agricultural best management practices to improve the quality and reduce the quanity of runoff from fields.	Sec. 8, pg 236
F. Irrigation Water Management		Y	Υ	Engage farners in improving water quality by encouraging cattle exclusion activities in vunerable streams and employing agricultural best management practices to improve the quality and reduce the quanity 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 occuring within this watershed so no management measures were recommended as part of the WMP.	
A. Preharvest Planning		N/A			
B. Streamside Management Areas (SMAs) C. Road Construction/Reconstruction		N/A N/A			
D. Road Management		N/A N/A			
E. Timber Harvesting		N/A			
F. Site Preparation and Forest Regeneration		N/A			
G. Fire Management H. Revegetation of Disturbed Areas		N/A 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		γ	Y	Stornwater Management, implementing stornwater management practices reduces stornwater runoff and increases infiltration of stornwater into the ground, restoring adequate quality. Low impact Development, or green infrastructure, includes sustainable stornwater management and utilizes natural hydrologic ofgest brough 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 4.4 Onsite Diposal Systems		Y N/A	Y	Post-Construction Stormwater Management No specific guidance related to BMPs for OSDS	Sec. 7, pg. 210
		N/A		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	
4.5 Pollution Prevention		Y	Y	stormwater management and utilizes natural hydrologic cycles through multiple measures or practices	Sec. 6.4, pg. 194
4.6 Roads, Highways, & Bridges		v	Y	Plan recommends instituting a BMP program for entities repsonsible 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 5.2 MARINA AND BOAT OPERATION AND MAINTENANCE	[31 3.3, 3.2, 3.3, 2.3	Y	Y	Marinas in the watershed should be encouraged to participate in the MASGC Clean Marina Program	Sec. 8, pg. 235
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;	Y	Y	Marinas in the watershed should be encouraged to participate in the MASGC Gean Marina Program	Sec. 8, pg. 235
6.1 CHANNELIZATION AND CHANNEL MODIFICATION MANAGEMENT MEASURES: 6.2 DAMS MANAGEMENT MEASURES	EST 1.1, 1.2, 1.3; 2.1, 3.1	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 6.3 STREAMBANK AND SHORELINE EROSION MANAGEMENT MEASURE		N/A Y	Y	Specific recommendations for shoreline and streambank erosion/stabalization measures are provided	Sec 6.1, pg 179 Sec 6.3, pg. 185
7.0 Management Measures for Wetlands, Riparian Areas, and Vegetat	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 3.2; e 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, 2.1, 3.2, 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. Managmeent Measure for Restoration of Wetlands and Riparian Areas		Υ	Y	Ortical 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 instalation 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 I	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; WTAC 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;			A monitoring program is defined to document the overall health of the Fowl River Watershed, track the success or failure of the	
	EST 1.1, 1.2, 1.3; 2.1, 3.1	Y	Υ	implemented management measures, and determine where additional measures are necessary.	Sec. 10, pg. 253

Bayou La Batre WMP ACNPCP Checklist					
Management Measures per EPA 1993 Guidance	CCMP Strategy Relevance ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6;	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	ERF 1.1, 1.2, 1.5, 1.4, 2.1, 2.2, 2.5, 2.4, 2.5, 2.0; 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		Υ	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		Υ	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	Υ	Coordinate a BMP standards educational campaign for farmers in the upper watershed.	Sec. 7, p.183
F. Irrigation Water Management 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	Y	Y	Coordinate a BMP standards educational campaign for farmers in the upper watershed. Update silviculture reccommendations	Sec. 7, p.183
A. Preharvest Planning B. Streamside Management Areas (SMAs)		N/A N/A			
C. Road Construction/Reconstruction		N/A N/A			
D. Road Management		N/A N/A			
D. Rodu 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
42 Grand William Andrillan		٧	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	S 6222 405
4.2 Construction Activities		† Y	Y	that these measures be included in local regulatory review prior to issuance of local development permits." Plan recommends implementation of Low Impact Development practices (eg. constructed stormwater wetlands and rainwater	Sec. 6.2.3.3, pg. 196
4.3 Existing Development		Y	Y	harvesting) to improve stormwater management in urban areas of the Watershed. "An extension to the sanitary sewer collection system to allow more residents to abandon septic systems and connect to the	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 or areas where sanitary sewer collection system connections are not feasible, education and outreach for proper installation and maintenance of septic systems is recommended." Plan recommends implementation of a comprehensive education and outreach program "Citizen education and increased	Sec. 6.2.4.4, pg199
4.5 Pollution Prevention		v	v	awareness is the best management measure to treat impairments to water quality at its direct source."	Sec. 6.2.5, pg 200
4.5 Pollution Prevention 4.6 Roads, Highways, & Bridges		Y	Y V	Plan identifies priority unpaved roads for stabilization to reduce sedimentation in the Watershed	Sec. 6.2.3, pg 200 Sec. 6.2.3.1, pg 189
T.O NOGOS, HIGHWays, & DITUGES		1	T	in an increase priority anywer roads for stabilization to reduce sedimentation in the watershed	Jec. 0.2.3.1, pg 103
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		Υ	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:		Υ	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:		Υ	Y	WMP includes recommendations for implementing BMPs for channel restoration.	Sec. 6.3.2, pg 202
6.2 DAMS MANAGEMENT MEASURES		N/A	·		710
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		Υ	Υ	Plan identifies priority wetland and riparian protection areas	Sec. 6.3.3, pg 216
B. Managmeent 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				Plan recommends implementation of Low Impact Development practices (eg. constructed stormwater wetlands and vegetated	
Treatment SystemsReconstruction		Υ	Y	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 N	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 ACNPCP Checklist					
			If yes, is there a sufficient management		
		Is relevant	recommendation? (Y, N)		
		activity/impact	[where "sufficient" implies		If yes, location in WMP
		identified in the	that it is up to the standard of	If Y, how are management measures being addressed?	(enter section, page,
Management Measures per EPA 1993 Guidance	CCMP Strategy Relevance ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6;	WMP (Y, N/A)	the BMPs in the Guidance]	If N, what activities are lacking management recommendations?	paragraph as relevant)
	TAC 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1;				
2.0 Management Measures for Agriculture Sources	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;			There are no significant agricultural activities occuring within this watershed so no management measures were recommended as	
	EST 1.1, 1.2, 1.3; 2.1; 3.1			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 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			
	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6;				
3.0 Management Measures for Forestry	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;			There are no significant forestry activities occuring within this watershed so no management measures were recommended as part	
	EST 1.1, 1.2, 1.3; 2.1; 3.1			of the WMP.	
A. Preharvest Planning		N/A			
B. Streamside Management Areas (SMAs)		N/A N/A			
C. Road Construction/Reconstruction		N/A			
D. Road Management		N/A			
E. Timber Harvesting		N/A			
F. Site Preparation and Forest Regeneration G. Fire Management		N/A N/A			
G. Hre Management		N/A			
H. Revegetation of Disturbed Areas I. Forest Chemical Management		N/A N/A			
J. Wetland Forest Management		N/A N/A			
2. Wetting Total Management		- N/A			
	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;				
4.0 Management Measures for Urban Areas	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				
				"Provide education on low-impact development practices to prevent nonpoint source pollution. 7. Reduction of runoff from	
4.1 Urban Runoff		Υ	Y	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			v	"Reduction of stormwater runoff through education on home and yard products, low-impact development practices, incentive programs, workshops, and field days, "	Pg. 30
4.3 Existing Development		Y	Y	programs, workshops, and field days	Pg. 30
				"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 Prichard Water and Sewer Board to continue to upgrade and expand sanitary sewer infrastructure	
4.4 Onsite Disposal Systems 4.5 Pollution Prevention		Y	Y	and encourage residents to connect to municipal sewage systems when possible." "Encourage use of environmentally friendly products for homes, businesses, lawns, and septic systems"	Pg. 29 Pg. 32
4.5 Pollution Prevention 4.6 Roads, Highways, & Bridges		Y N	Y	"Encourage use of environmentally friendly products for nomes, businesses, lawns, and septic systems"	Pg. 32
4.6 Roads, Highways, & Bridges		N			
	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;				
5.0 Management Measures for Marinas and Recreational Boating	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;			BMPs for marinas weren't included for this watershed since there weren't any marinas present when the plan was developed and	
	EST 1.1, 1.2, 1.3; 2.1			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			
WARAGEMENT WEASURES:	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6;	N/A			
6.0 Management Measures for Hydromodification: Channelization an	TAC 3.1, 3.2, 3.3, 4.1, 4.2, 5.1;				
o.o ivianagement measures for Hydromodification: Channelization an	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		1			
MANAGEMENT MEASURES:		N			
6.2 DAMS MANAGEMENT MEASURES		N			
6.3 STREAMBANK AND SHORELINE EROSION MANAGEMENT MEASURE				"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."	Pø 30
WEAGURE		,	T	runon and to provide recreational access to residents.	rg. 30
	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 3.2;				
7.0 Management Measures for Wetlands, Riparian Areas, and Vegetal	e 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 Ripariar				"Identifying and prioritizing key riparian corridors and streams for preservation and restoration to promote natural filtration of	
Areas		Υ	Y	runoff and to provide recreational access to residents."	Pg. 30
B. Managmeent Measure for Restoration of Wetlands and					
Riparian Areas C. Road Construction/C. Management Measure for Vegetated		N			
C. Road Construction/C. Management Measure for Vegetated Treatment SystemsReconstruction		N			
ALLON AND AND AND AND AND AND AND AND AND AN		1 "			
	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;			"Organizations and individuals involved with this Watershed Management Plan and responsible for its continuation will need a	
8.0 Monitoring and Tracking Techniques to Accompany Management	M 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;	1		measurement of the current water quality status and updates on how this changes over time to reflect changes in land use	
	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		N	practices and development, natural forces, and conservation efforts. This information will allow the WMP to be changed and	pg. 36
L	per a.a, a.a, a.3, £.1, 3.1		1 19	updated accordingly"	NP- 20

Bon Secour WMP ACNPCP Checklist			If yes, is there a sufficient		
			management		
		Is relevant	recommendation? (Y, N) [where "sufficient" implies		
		activity/impact identified in the	that it is up to the standard of the BMPs in	If Y, how are management measures being addressed? If N, what activities are lacking management	If yes, location in WMP (enter section, page,
Management Measures per EPA 1993 Guidance	CCMP Strategy Relevance ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5,	WMP (Y, N/A)	the Guidance]	recommendations?	paragraph as relevant)
	2.6;				
2.0 Management Measures for Agriculture Sources	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				
				Establishing vegetated buffers along waterways is a simple	
A. Erosion and Sediment Control Management Measure B1. Management Measure for Facility Wastewater and Runoff from Confined Animal		Y	Y	and inexpensive way to protect and improve water quality.	sec. 7.1.5
Facility Management (Large Units) B2. Management Measure for Facility Wastewater and Runoff from Confined Animal		N/A			
Facility Management (Small Units)		N/A			
				Establishing vegetated buffers along waterways is a simple	
C. Nutrient Management Measure		Y	Y	and inexpensive way to protect and improve water quality.	sec. 7.1.5
D. Pesticide Management Measure		Υ	Y	Establishing vegetated buffers along waterways is a simple and inexpensive way to protect and improve water quality.	sec. 7.1.6
				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	
E. Grazing Management Measure		Y	Y	and riparian landowners in each watershed.	Sec 10.3.1
				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	
F. Irrigation Water Management		Y	Y	and riparian landowners in each watershed.	Sec 10.3.2
	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6;				
3.0 Management Measures for Forestry	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;			There are no significant forestry activities occuring within this watershed so no management measures were recommended	
A. Preharvest Planning	EST 1.1, 1.2, 1.3; 2.1; 3.1	N/A		as part of the WMP.	
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 G. Fire Management		N/A N/A			
H. Revegetation of Disturbed Areas		N/A			
I. Forest Chemical Management		N/A			
J. Wetland Forest Management	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5,	N/A			
	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,				
4.0 Management Measures for Urban Areas	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				
				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	
4.1 Urban Runoff		Y	Y	approach for managing the runoff generated in these areas.	sec. 7.2.1, pg. 7-11
				A multi-media outreach program to explain and promote low	
4.2 Construction Activities		Υ	Υ	impact design techniques for use in new construction and redevelopment within the region will be implemented.	sec.7, pg.7-13
				recommended actions include a comprehensive assessment	
4.3 Existing Development		Y	Y	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	
				Recommended actions include installation of regional	
4.5 Pollution Prevention	<u> </u>	Y	Y	stormwater management facilities to reduce stormwater runoff and contamination in the Watershed.	sec.7.2.1
				Plan recommends maintaining good housekeeing practices that facilitate litter control, including street sweeping and	
				frequently cleaning up roadside litter. Continuing these practices and identifying	
				opportunities to augment them	
4.6 Roads, Highways, & Bridges	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5,	Y	Y	will reduce the amount of litter entering the waterways	sec 7.1.2, pg 7-4
	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,				
5.0 Management Measures for Marinas and Recreational Boating	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				
				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	
5.1 SITING AND DESIGN MANAGEMENT MEASURES		Υ	Y	waste management systems to meet the "Clean Marina" standards).	pg.7-11
				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
5.2 MARINA AND BOAT OPERATION AND MAINTENANCE MANAGEMENT MEASURES		Y	Y	operators:	F8
	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6;	Y	Y	operators.	ro
5.2 MARINA AND BOAT OPERATION AND MAINTENANCE MANAGEMENT MEASURES 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;	Y	Y	operators.	F8:

				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	
6.1 CHANNELIZATION AND CHANNEL MODIFICATION MANAGEMENT MEASURES:		Y	Y	stormwater generated by the watershed.	pg.7-14
6.2 DAMS MANAGEMENT MEASURES		N/A			
				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	
6.3 STREAMBANK AND SHORELINE EROSION MANAGEMENT MEASURE		Y	Υ	stormwater generated by the watershed.	pg.7-14
	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5,				
	2.6, 3.2;				
7.0 Management Measures for Wetlands, Riparian Areas, and Vegetated Treatment Systems	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
				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	
B. Managmeent Measure for Restoration of Wetlands and Riparian Areas		Y	Y	stormwater generated by the watershed.	pg.7-14
C. Road Construction/C. Management Measure for Vegetated Treatment				Plan has recommendaions for invasive species management	
SystemsReconstruction		Y	Υ	using both physical and chemcial treatments	sec. 7.1.6
	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,				
8.0 Monitoring and Tracking Techniques to Accompany Management Measures	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

og River WMP ACNPCP Checklist f yes, is there a sufficien management recommendation? (Y, N) Is relevant activity/impact implies that it is up to the standard of the BMPs If Y, how are management measures being addressed?

If N, what activities are lacking management If yes, location in WMP identified in the (enter section, page, ement Measures per EPA 1993 Guidance CCMP Strategy Relevance 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, 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: There are no significant agricultural activities occuring within this urban watershed so no management measures were EST 1.1, 1.2, 1.3; 2.1; 3.1 commended as part of the WMP. A. Erosion and Sediment Control Management Measure
R1. Management Measure for Facility Wastewater and Runoff from Confined Animal Facility Management (Large Units)
B2. Management Measure for Facility Wastewater and Runoff from Confined Animal Facility N/A B2. Management Measure for Facil Management (Small Units) C. Nutrient Management Measure D. Pesticide Management Measure E. Grazing Management Measure F. Irrigation Water Management ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6; 2.4, 2.5, 2.6; TAC 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 3.0 Management Measures for Forestry 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; There are no significant forestry activities occuring within this urban watershed so no management measures were recommended as part of the WMP. EST 1.1, 1.2, 1.3; 2.1; 3.1 A. Preharvest Planning B. Streamside Management Areas (SMAs) . Road Construction/Reconstruction D. Road Management E. Timber Harvesting N/A E. Timber Harvesting
F. Site Preparation and Forest Regeneration
G. Fire Management
H. Revegetation of Disturbed Areas
I. Forest Chemical Management
J. Wetland Forest Management 4.0 Management Measures for Urban Areas 4.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1 In an effort to reduce stormwater impacts, preserve and restore natural landscapes, and protect water quality, system and practices that mimic natural processes should be 4.1 Urban Runoff ec. 7.3, pg. 241 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 4.2 Construction Activities standards that are established for such new developments. Recommended LID retrofits for existing developed areas are sec. 7.1, pg. 232 4.3 Existing Development presented in Table 7.3.2. sec. 7.3.2, pg. 241 presented in Table 7.3.2.

No specific guidance related to BMPs for OSDS

in an effort to reduce stormwater impacts, preserve and restore natural landscapes, and protect water quality, syster and practices that mimic natural processes should be 4.5 Pollution Prevention c. 7.3, pg. 241 In an effort to reduce stormwater impacts, preserve and restore natural landscapes, and protect water quality, syster and practices that mimic natural processes should be and practices that timinic natural processes should be employed.

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 environmentallyresponsible and sustainable marina and boating practices (http://masgc.org/ cleanmarina-program). 4.6 Roads, Highways, & Bridges sec. 7.3, pg. 241 ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, ERF 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; 5.0 Management Measures for Marinas and Recreational Boating and boating practices, intropy/mespaces, boated program)
The AMCMP focuses on seven management measures identified by marina operators as priorities: 1) marina sitting, design, and maintenance; 2) sewage management; 3) fuel management; 4) solid waste and pertoleum recycling and disposal; 5) vessel operation, maintenance, and repair; 6) stormwater management and erosino control; and 7) marina management and erosino control and programment and erosino control and erosino cont EST 1.1, 1.2, 1.3; 2.1 Sec. 9.7.2, pg. 311 management and erosion control; and 7) marina management and public education.
The AMCMP focuses on seven management measures identified by marina operators as priorities: 1) marina sitting, 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 erosion control; and 7) marina management 5.1 SITING AND DESIGN MANAGEMENT MEASURES Sec. 9.7.2, pg. 311 and public education. 5.2 MARINA AND BOAT OPERATION AND MAINTENANCE MANAGEMENT MEASURES: Sec. 9.7.2, pg. 312 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; 6.0 Management Measures for Hydromodification: Channelization and Channel Modification, Dams, and St EPI 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1, 3.1 The restoration approach follows specific published guideline and methods endorsed by numerous institutions and and mentious endorsed by indirections 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. 6.1 CHANNELIZATION AND CHANNEL MODIFICATION MANAGEMENT MEASURES: Sec. 7.5.2.1., pg. 260 Management measures should focus on protecting, conserving, preserving, or restoring shorelines and natural 6.3 STREAMBANK AND SHORELINE EROSION MANAGEMENT MEASURE shoreline habitats in the greater Dog River Watershed. Sec. 7.5.3, pg. 266 ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 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 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; 7.0 Management Measures for Wetlands, Riparian Areas, and Vegetated Treatment Systems EST 1.1, 1.2, 1.3; 2.1, 3.1 wetland and stream habitats.
Therefore, this WMP is recommending that a minimum of 1,000 acres of existing natural wetlands and ecologically ec. 7.5, pg. 254

A. Management Measure for Protection of Wetlands and Riparian Areas

significant land in the greater Dog River Watershed

Sec. 7.4, pg. 248

acquired for preservation

				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	
B. Managmeent Measure for Restoration of Wetlands and Riparian Areas		Υ	Υ	3,000 linear feet of shoreline (Section7.5.3).	Sec. 7.5, pg. 254
				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	
C. Road Construction/C. Management Measure for Vegetated Treatment SystemsReconstruction		Υ	Υ	rainwater harvest techniques.	Sec. 7.3, pg. 241
				The monitoring plan should encompass the greatest possible	
	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3,			portion of the Watershed with the least number of samples	
	2.4, 2.5, 2.6, 2.7, 3.1, 3.2;			while providing sufficient detail to	
8.0 Monitoring and Tracking Techniques to Accompany Management Measures	TAC 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2,			identify probable source areas for elements of concern.It is	
or monitoring and reading realinques to recompany management measures	3.1, 3.2, 3.3, 4.1, 4.2, 5.1;			recommended as a management measure	
	EPI 1.1, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4, 3.5,			that additional water quality data collection be conducted (at	
	4.1, 5.1, 5.2, 5.3, 5.4, 5.5;			constant and consistent locations) under a long-term	
	EST 1.1, 1.2, 1.3; 2.1, 3.1	Y	Y	monitoring program.	sec.10, pg. 283

D'Olive WMP ACNPCP Checklist	_				
			If yes, is there a sufficient management		
		Is relevant activity/impact identified in the WMP		If Y, how are management measures being addressed? If N, what activities are lacking management	If yes, location in WMP (enter section, page, paragraph as
Management Measures per EPA 1993 Guidance	CCMP Strategy Relevance	(Y, N/A)	BMPs in the Guidance]	recommendations?	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;			There are no significant agricultural activities occuring within this urban watershed so no management	
A. Erosion and Sediment Control Management Measure	EST 1.1, 1.2, 1.3; 2.1; 3.1	N/A		measures were recommended as part of the WMP.	
B1. Management Measure for Facility Wastewater and Runoff from					
Confined Animal Facility Management (Large Units) B2. Management Measure for Facility Wastewater and Runoff from		N/A			
Confined Animal Facility Management (Small Units)		N/A			
C. Nutrient Management Measure D. Pesticide Management Measure		N/A 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 occuring within this urban watershed so no management measures were recommended as part of the WMP.	
A. Preharvest Planning	E31 1.1, 1.2, 1.3, 2.1, 3.1	N/A		measures were recommended as part of the wivir.	
B. Streamside Management Areas (SMAs)		N/A N/A			
C. Road Construction/Reconstruction D. Road Management		N/A N/A			
E. Timber Harvesting		N/A			
F. Site Preparation and Forest Regeneration G. Fire Management		N/A N/A			
H. Revegetation of Disturbed Areas		N/A			
I. Forest Chemical Management J. Wetland Forest Management		N/A 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		v		Effective, sustained post-construction management of formwater 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
				Plan recommends strengthening BMPs for construction	
4.2 Construction Activities		Y	Y	stormwater management For the purposes of this WMP, stormwater retrofits are defined as practices that modify existing stormwater	sec. 6.5
4.2 Evirting Dayalor		v		systems or install new stormwater management	coc 6 2 2 1
4.3 Existing Development 4.4 Onsite Disposal Systems		Y N	Y	facilities within already developed areas. No specific guidance related to BMPs for OSDS	sec. 6.3.3.1
45 Della Vice Deventi				Plan recommends installation of Low Impact	62.6
4.5 Pollution Prevention		Y	Y	Development/Green Infrastructure Plan recommends best management practices for	sec. 6.3.4
4.6 Roads, Highways, & Bridges		Y	Y	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 5.2 MARINA AND BOAT OPERATION AND MAINTENANCE MANAGEMENT		N/A			
5.2 MARINA AND BOAT OPERATION AND MAINTENANCE MANAGEMENT MEASURES:		N/A			
6.0 Management Measures for Hydromodification: Channelization and Channel Modi	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	'		500. 0.2.1
6.3 STREAMBANK AND SHORELINE EROSION MANAGEMENT MEASURE		Y	Υ	Plan recommends Stream Restoration/Stabilizatin	coc 6 3 1 3
6.3 S I REAMBANK AND SHUKELINE EROSION MANAGEMENT MEASURE 7.0 Management Measures for Wetlands, Riparian Areas, and Vegetated Treatment S	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	Y	Y	Techniques	sec. 6.2.1.2

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

TMC WMP ACNPCP Checklist					
			If yes, is there a sufficient management		
		Is relevant activity/impact identified in the	recommendation? (Y, N) [where "sufficient" implies that it is up to the standard of the BMPs in the	If Y, how are management measures being addressed? If N, what activities are lacking management.	If yes, location in WMP (enter section, page,
Management Measures per EPA 1993 Guidance	CCMP Strategy Relevance	WMP (Y, N/A)	Guidance]	recommendations?	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 occuring within this urban watershed so no management measures were recommended as part of the WMP.	
	231 1.1, 1.2, 1.3, 2.1, 3.1			recommended as part of the www.	
A. Erosion and Sediment Control Management Measure B1. Management Measure for Facility Wastewater and Runoff from Confined Animal Facility Management (Large Units)		N/A 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 E. Grazing Management Measure	-	N/A 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;			There are no significant forestry activities occuring within this urban watershed so no management measures were	
A. Preharvest Planning	EST 1.1, 1.2, 1.3; 2.1; 3.1	N/A		recommended as part of the WMP.	
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 N/A			
G. Fire Management H. Revegetation of Disturbed Areas		N/A 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, 5.1, 5.1, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1				
				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	
4.1 Urban Runoff		Y	Y	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. Field studies and inspection: Identify and remove sanitary	sec. 6.2.6
4.4 Onsite Diseased Sustainer		v	,	system and septic system leakage/overflows into groundwater, creeks and tributaries. Focus on TSB and CEN	son 6.3.6
4.4 Onsite Disposal Systems		Y	Y	sub-basins and lower portion of watershed. LID/Glis type of structural BMP that assists in improving	sec. 6.2.6
4.5 Pollution Prevention		Y	Y	ulD/clist type of structural BMP that assists in improving water quality and supports sustainability by capturing pollutants and infiltrating runoff near its source. LID/clist type of structural BMP that assists in improving	Sec. 6.2.6.1
4.6 Roads, Highways, & Bridges		Y	Y	water quality and supports sustainability by capturing pollutants and infiltrating runoff near its source.	Sec. 6.2.6.2

	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,				
5.0 Management Measures for Marinas and Recreational Boating	2.1, 2.2, 3.1, 3.2, 3.3, 4.1,				
5.0 Wanagement Weasures for Warmas and Recreational Boating	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,			BMPs for marinas weren't included for this watershed since	
	5.4, 5.5;			there weren't any marinas present when the plan was	
	EST 1.1, 1.2, 1.3; 2.1	N/A		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			
	ERP 1.1, 1.2, 1.3, 1.4, 2.1,				
	2.2, 2.3, 2.4, 2.5, 2.6;				
6.0 Management Measures for Hydromodification: Channelization and	TAC 3.1, 3.2, 3.3, 4.1, 4.2,				
or management recasures for rigaromounication, challienzation and	5.1;				
	EPI 5.1, 5.2, 5.3, 5.4, 5.5;				
	EST 1.1, 1.2, 1.3; 2.1, 3.1				
				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	
6.1 CHANNELIZATION AND CHANNEL MODIFICATION				channel and adjacent wetlands in the lower portion of the	
MANAGEMENT MEASURES:		Υ	Y	watershed by removing the plug (see Section 6.3.2.1.3).	Sec. 6.2.3.3, 6.2.6.1
				Maintain design level of service for flood protection from	
6.2 DAMS MANAGEMENT MEASURES		Y	Y	USACE dams (Goal 5)	Sec 5.2.1
6.3 STREAMBANK AND SHORELINE EROSION MANAGEMENT				Restoration of degraded stream banks and riparian buffers is	
MEASURE		Υ	Υ	also included in the list of structural BMPs.	Sec. 6.2.6.1
	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,				
7.0 Management Measures for Wetlands, Riparian Areas, and Vegetate	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			Structural BMPs involve constructed restoration efforts, such	
				as sediment boxes, wet detention facilities, and riparian	
A Management Measure for Protection of Westlands and				buffer improvements that may require land acquisition	
A. Management Measure for Protection of Wetlands and Riparian Areas		Υ	Υ	and/or easements.	Sec. 6.2.6.1
B. Managmeent Measure for Restoration of Wetlands and		-		Restoration of degraded stream banks and riparian buffers is	JCC. U.Z.U.1
Riparian Areas		Υ	Υ	also included in the list of structural BMPs.	sec. 6.2.6.1
Inpurial Areas		-		Plan has recommendation for instalation of Green	3CC. U.Z.U.1
C. Road Construction/C. Management Measure for				Infrastructure practices including constructed wetlands and	
Vegetated Treatment SystemsReconstruction		Υ	Υ	vegetated buffers.	Sec. 6.2.6.1
regerated freatment systems reconstruction	22 22 24 25 26 27	•	•	regented puncts.	JCC. J.Z.U.I
	2.2, 2.3, 2.4, 2.5, 2.6, 2.7,			Discourance de involuer station of a security is	
8.0 Monitoring and Tracking Techniques to Accompany Management N	3.1, 3.2;			Plan recommends implementation of a monitoring program	
	TAC 1.1, 1.2, 1.3, 1.4, 1.5,	Υ	Υ	to assess watershed responses to management actions to	0.2.6
	2.1, 2.2, 3.1, 3.2, 3.3, 4.1,	Υ	Y	inform better decisions and increase likelihood of success.	9.3.6

Weeks Bay WMP ACNPCP 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)
	ERP 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6;				
2.0 Management Measures for Agriculture Sources	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	Υ	Encourage Improved Agricultural/Forestry BMPs	Sec. 6.6
A. Erosion and Sediment Control Management Measure B1. Management Measure for Facility Wastewater and Runoff from Confined Animal Facility Management (Large		Y	Y	Increased use of cover crops to decrease soil erosion and nutrient leaching, improve infiltration and increase soil organics identify/Remediate areas with high livestock numbers where manure runoff is found to be a source of pathogens associated with	Sec. 6.6
Units) B2. Management Measure for Facility Wastewater and		Υ	Y	water quality issues	Sec. 6.6
Runoff from Confined Animal Facility Management (Small Units)		Y	Υ	Livestock exclusion from wetlands/streams and protection of riparian buffers along streams Improved nutrient management through increased use of precision agriculture application of fertilizer and pesticides; split nitrogen	Sec. 6.6
C. Nutrient Management Measure		Y	Y	application, etc. in order to reduce the potential for contaminated runoff and leaching Improved nutrient management through increased use of precision	Sec. 6.6
D. Pesticide Management Measure		Y	Y	agriculture application of fertilizer and pesticides; split nitrogen application, etc. in order to reduce the potential for contaminated runoff and leaching	Sec. 6.6
		Y	Y	runort and leaching Grassland: Pasture management, controlled grazing, weed control, stream crossing, gully structures, livestock exclusion, and cropland conversion.	Sec. 6.6
E. Grazing Management Measure		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	Sec. 6.6
F. Irrigation Water Management		Υ	Υ	quality, grazing lands, forestry/wildlife health, and irrigation water management and invasive species control.	Sec. 8.3.1
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	Y	Y	Encourage Improved Agricultural/Forestry BMPs	Sec. 6.6
A. Preharvest Planning		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
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. 3.2.4.4
or streaming management resortion of				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 broads and the management zones, forest road construction, fire broads and the management zones, forest road construction, fire broads and the management zones, forest road construction, fire broads and the stream-side management zones, forest road construction, fire broads and the stream-side management zones, forest road construction, fire broads and the stream-side management zones, forest road construction, fire broads and the stream-side management zones, forest roads and the stream-side management zones, forest roads and the stream-side management zones.	
C. Road Construction/Reconstruction		Y	Y	stabilization, harvesting techniques, and stream crossings. Forestland: Tree planting, planting desirable species, control	Sec. 3.2.4.5
D. Road Management		Y	Y	burning, control undesirable invasive species, water breaks, gully structures, access roads. Forestland: Tree planting, planting desirable species, control	Sec. 6.6
E. Timber Harvesting		Y	Y	burning, control undesirable invasive species, water breaks, gully structures, access roads. Environmental Quality Improvement Program (EQIP) is a voluntary	Sec. 6.7
E Site Prenaration and Except Preparation		٧	v	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
F. Site Preparation and Forest Regeneration		·		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	
G. Fire Management		Y	Y	natural occurrences.	Sec. 6.6
H. Revegetation of Disturbed Areas		Y	Υ	Increased use of cover crops to decrease soil erosion and nutrient leaching, improve infiltration and increase soil organics improved nutrient management through increased use of precision agriculture application of fertilizer and pesticides; split nitrogen	Sec. 6.6
I. Forest Chemical Management		Y	Y	application, etc. in order to reduce the potential for contaminated runoff and leaching	Sec. 6.6

Environmental Quality improvement Program (EQP) is a volu- program that provides financial and etchnical assistance to agricultural producers to plan and implement conservation practices that improve soil, water, pla animal, air and related natural resources on agricultural land a non-industrial forestand. 4.0 Management Measures for Urban Areas 4.1, 2, 13, 14, 15, 21, 22, 33, 23, 34, 14, 42, 53, 33, 34, 35, 44, 51, 52, 33, 34, 35, 44, 51, 52, 33, 34, 35, 44, 51, 52, 33, 34, 35, 44, 51, 52, 33, 34, 35, 44, 51, 52, 35, 54, 55, 57 FET L1, 12, 12, 12, 12 Y All BMP design and implementation requirements should mee exceed those in the current entition of the Alabama handbook EPT L1, 12, 12, 21, 31, 32, 32 Reference of the control of the Alabama handbook EPT L1, 12, 12, 12, 12 Y Overloop appropriate port-construction stormwater managem exceed those in the current entition of the Alabama handbook EPT L1, 12, 12, 12, 12 Y Overloop appropriate port-construction stormwater managem exceed those in the current entition of the Alabama handbook EPT L1, 12, 12, 12, 12 Y Overloop appropriate port-construction stormwater managem exceed those in the current entition of the Alabama handbook EPT L1, 12, 12, 12, 12 Y Overloop appropriate port-construction stormwater managem exceed those in the current entition of the Alabama handbook exceed those in the current entition of the Alabama handbook exceed those in the current entition of the Alabama handbook exceed those in the current entition of the Alabama handbook exceed those in the current entition of the Alabama handbook exceed those in the current entition of the Alabama handbook exceed those in the current entition of the Alabama handbook exceed those in the current entition of the Alabama handbook exceed those in the current entition of the Alabama exceed those in the current entition of the Alabama exceed those in the current entition of the Alabama exceed those in the current entition of the Alabama exceed those in the current entition of the Alabama exceed tho	Table 6.1 Table 6.1 Table 6.1 Table 6.1 Table 6.1
agricultural producers to plan and implement conservation practices that improve soil, water, planting and related natural resources on agricultural land a non-industrial forestand. 2, 2, 3, 2, 4, 2, 5, 2, 6, 2, 7; 3, 1; 16, 1, 1, 2, 1, 3, 1, 4, 1, 5, 1, 2, 2, 3, 3, 3, 4, 1, 4, 2, 5, 5; 17, 1, 1, 2, 1, 3, 1, 4, 1, 5, 1, 2, 3, 3, 3, 4, 1, 4, 2, 5, 5; 18, 1, 1, 1, 2, 2, 3, 1, 3, 2, 3, 3, 3, 4, 1, 3, 1, 5, 2, 3, 3, 3, 4, 5, 4, 1, 5, 1, 5, 2, 3, 3, 3, 4, 5, 4, 1, 5, 1, 5, 2, 3, 3, 3, 4, 5, 4, 1, 5, 1, 5, 2, 3, 3, 3, 4, 5, 4, 1, 5, 1, 5, 2, 3, 3, 3, 4, 5, 4, 1, 5, 1, 5, 2, 3, 3, 4, 5, 4, 1, 5, 1, 5, 2, 3, 3, 4, 5, 4, 1, 5, 1, 5, 2, 3, 3, 4, 5, 4, 1, 5, 1, 5, 2, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5,	Sec. 6.6 Sec. 6.6
animal, air and related natural resources on agricultural land a non-industrial forestland. SRP 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; EP 11.2, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 5.1; EP 11.2, 1.2, 2.3, 1.3, 2.3, 3.4, 3.4, 3.4, 3.4, 3.4, 3.4, 3.4, 3	Sec. 6.6 Sec. 6.6
## Adding Development Page 11, 12, 13, 14, 21, 12, 12, 14, 15, 14, 15, 12, 12, 12, 12, 13, 14, 15, 13, 14, 15, 14, 15, 14, 15, 14, 15, 14, 15, 14, 15, 15, 14, 15, 15, 15, 15, 15, 15, 15, 15, 15, 15	Sec. 6.6 t or for nt on Table 6.1 Table 6.1 Table 6.1 Table 6.1
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, 3.4, 3.4, 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 4.2 Construction Activities 4.2 Construction Activities 4.3 Existing Development 4.4 Construction Activities 4.5 Existing Development 4.6 Onsite Disposal Systems 4.7 Pollution Prevention 4.5 Pollution Prevention 4.6 Management Measures for Urban Areas 2.2, 2.3, 2.4, 2.5, 2.6, 2.7; 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2, 5.2, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3; 2.1 Y Y Areas. All BMP design and implementation requirements should mee exceed those in the current edition of the Alabama Handbook Entroined Construction Sites and Urban exceed those in the current edition of the Alabama Handbook Entroined Construction Sites and Urban exceed those in the current edition of the Alabama Handbook Entroined Construction Sites and Urban exceed those in the current edition of the Alabama Handbook Entroined Construction Sites and Urban exceed those in the current edition of the Alabama Handbook Entroined Construction Sites and Urban exceed those in the current edition of the Alabama Handbook Entroined Construction Sites and Urban exceed those in the current edition of the Alabama Handbook Entroined Construction Sites and Urban exceed those in the current edition of the Alabama Handbook Entroined Construction Sites and Urban Parkers Management and implement and Stormwater Entroined Construction Sites and Urban Parkers Wanagement and Indicate The Alabama Handbook Entroined Parkers and Urban Parker	Table 6.1 Table 6.1 Table 6.1 Table 6.1 Table 6.1 Table 6.1
3.3; 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; 2.2, 2.3, 3.3, 2.3, 3.4, 4.2, 5.1; 2.3, 3.3, 4.3, 5.4, 1.5, 1.5, 2.5, 3.3, 3.4, 3.5, 4.1, 5.1, 5.2 3.3, 3.4, 3.5, 4.1, 5.1, 5.2 3.3, 3.4, 3.5, 4.1, 5.1, 5.2 3.5, 3.4, 5.5, 5.5 ST 1.1, 1.2, 1.3; 2.1 4.1 Urban Runoff 4.1 Urban Runoff 7 Y Y Average quality impairment 4.2 Construction Activities 4.3 Existing Development 4.3 Existing Development 4.4 Onsite Disposal Systems 4.5 Pollution Prevention 4.5 Pollution Prevention 7 Y Sudding and implementation requirements should mee exceed those in the current edition of the Alabama Handbook Erosion Control, Sediment Control and Stormwater Manageme exceed those in the current edition of the Alabama Handbook Erosion Control, Sediment Control and Stormwater Manageme regulations applicable, at a minimum, to watersheds where ur uronif is an identified cause of water quality impairment 4.1 Urban Runoff Y Y Average and the exceed those in the current edition of the Alabama Handbook Erosion Control, Sediment Control and Stormwater Manageme regulations applicable, at a minimum, to watersheds where ur urnoff is an identified cause of water quality impairment 4.1 Urban Runoff Y Y water quality impairment Work collectively with an appropriately qualified BMP specialist to develop a common set of construction phase stormwater technical design standards Provide assistance for updating restrictions or enterofitting existing poor performing facilities Develop an inventory of septic tanks to both the pathogen and nutrient loadings within stream segments having water quality issues, that inventory is complete conduct a Gis analysis to identify "sport" where septic tank locations are in poor soil types for su sport "where septic tank locations are in poor soil types for su sport "where septic tank locations are in poor soil types for su sport "where septic tank locations are in poor soil types for su facilities and are in close proximity to streams and wetlands of environmental degradation thereby red	Table 6.1 Table 6.1 Table 6.1 Table 6.1 Table 6.1 Table 6.1
4.0 Management Measures for Urban Areas 2.1, 2, 2, 3, 1, 3, 2, 3, 3, 4, 1, 4, 5, 5, 5, 5, 5, 1, 1, 1, 2, 1, 2, 2, 3, 1, 3, 2, 3, 3, 3, 4, 5, 5, 4, 1, 5, 1, 5, 2, 5, 3, 5, 4, 5, 5, 1, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5,	Table 6.1 Table 6.1 Table 6.1 Table 6.1 Table 6.1 Table 6.1
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smaller or porous parking lots with on-site runoff retention sa money by reducing the amount of pavement, curbs and gutter	
money by reducing the amount of pavement, curbs and gutter	
	s
4.6 Roads, Highways, & Bridges Y Y needed. ERP 1.1, 1.2, 1.3, 1.4, 2.1,	Sec. 11.2.1
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, Marinas and recreational boating are recognized as potential	
5.0 Management Measures for Marinas and Recreational Boating 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, sources of nonpoint source pollution in coastal watersheds. The	e
4.2, 5.1; Alabama- Mississippi Clean Marina Program (AMCMP) is a PPI 1.1, 2.1, 2.2, 3.1, 3.2, voluntary, incentive-based program developed and implement	ed by
3.3, 3.4, 3.5, 4.1, 5.1, 5.2, the MississippiAlabama Sea Grant Consortium and partners to	
5.3, 5.4, 5.5; promote environmentally- responsible and sustainable marina EST 1.1, 1.2, 1.3; 2.1 Y Y boating practices (http://masgc.org/clean-marina-program).	and Sec. 11.8.2
The AMCMP focuses on seven management measures identifie	
marina operators as priorities: (1) marina siting, design, and maintenance; (2) sewage management; (3) fuel	
management; (4) solid waste and petroleum recycling and disp	osal;
(5) vessel operation, maintenance, and repair; (6) stormwater	
management and erosion control; and (7) marina 5.1 SITING AND DESIGN MANAGEMENT MEASURES Y Y management and public education.	Sec. 11.8.2
The USFWS Boating Infrastructure Grant program is an exampl federal program that could provide ADCNR	a of a
5.2 MARINA AND BOAT OPERATION AND MAINTENANCE maintenance funding to improve the quality of boat landing, p	
MANAGEMENT MEASURES: Y Y and other public-access related facilities within each watershe	d. Sec. 8.3.1
ERP 1.1, 1.2, 1.3, 1.4, 2.1,	
6.0 Management Measures for Hydromodification: Channelization and A.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	
WMP has extensive guidance on stream restoration, including 6.1 CHANNELIZATION AND CHANNEL MODIFICATION channel modification and associated management measures a	
MANAGEMENT MEASURES: Y 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 watersh	u.
Identify instream erosional "hot spots" on Fish and Magnolia F	
6.3 STREAMBANK AND SHORELINE EROSION MANAGEMENT MEASURE Y and bributaries) and prioritize and implement stream restorat Y and bank stabilization to reduce sediment contributions.	Sec. 6.7
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,	
7.0 Management Measures for Wetlands, Riparian Areas, and Vegetated 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	
Two important types of high quality habitats should be consider	
for protections: (1) coastal zone tidal areas around Weeks Bay, particularly tidal marshes currently outside of conservation	
easements, and (2) upstream strategic locations and ecologica	
A. Management Measure for Protection of Wetlands and significant habitats, e.g., locations with habitat or species track	
Riparian Areas Y Y with intact riparian buffers, especially headwater areas.	ed

B. Managmeent 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 SystemsReconstruction		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, 4.3, 4.3, 5.4, 5.5, 5.3, 5.4, 5.5; EST 1.1, 1.2, 1.3, 2.1, 3.1		Y	Develop Appropriate Monitoring and Adaptive Management Mechanisms	Sec. 6.10