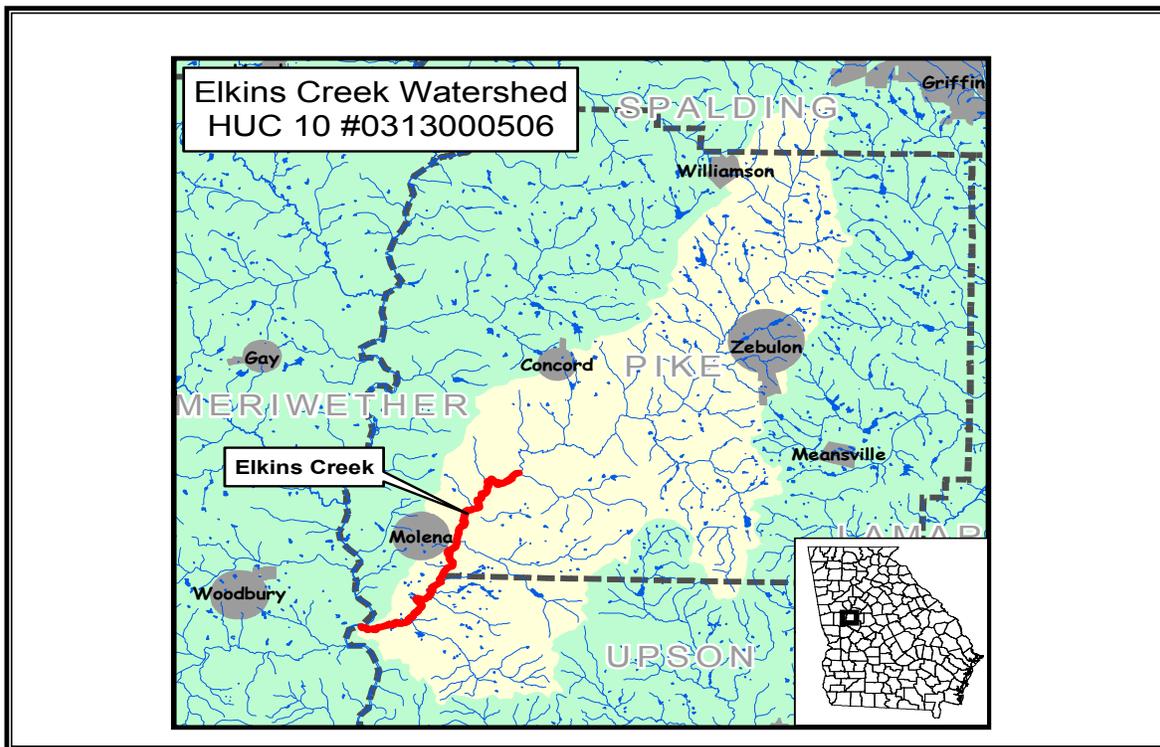


STATE OF GEORGIA TMDL IMPLEMENTATION PLAN

ELKINS CREEK (Fecal Coliform)

Prepared by
The Georgia Department of Natural Resources
Environmental Protection Division
Atlanta, GA

TMDL Implementation Plans are platforms for establishing a course of actions to restore the quality of impaired water bodies in a watershed. They are intended as a continuing process that may be revised as new conditions and information warrant. Procedures will be developed to track and evaluate the implementation of the management practices and activities identified in the plans. Once restored, appropriate management practices and activities will be continued to maintain the water bodies. The overall goal of the Plan is to define a set of actions that will help achieve water quality standards in the state of Georgia. This plan was originally prepared as an implementation inventory by the McIntosh Trail RDC with a Section 604(b) Grant. TMDL load allocation information has been updated to reflect the approved TMDL.



Impaired Waterbody*	Impaired Stream Location	River Basin	Miles/Area Impacted	Partially Supporting/ Not Supporting
Elkins Creek	Bull Creek to Flint River near Molena	Flint	11	Not Supporting

STATE OF GEORGIA

TMDL IMPLEMENTATION PLAN FOR: **Elkins Creek**
(STREAM)**Fecal Coliform**
(PARAMETER)RIVER BASIN: **Flint River**
REPORT DATE: **9-30-01**

Prepared by: <u>Planning Department</u>		Or Prepared By: _____					
<u>McIntosh Trail</u> Regional Development Center		Address: _____					
Address: <u>PO Box 818</u> <u>120 North Hill Street</u>		City: _____ State: _____					
City: <u>Griffin</u> State: <u>GA</u>		Zip: _____ e-mail: _____					
ip: <u>mtrdc.org</u> e-mail: <u>c/o ahazell@griffinpower.org</u>		Date Submitted to EPD: _____					
Date Submitted to EPD: <u>9-30-01</u>		Date Submitted to EPD: _____					
General Information				Significant Stakeholders			
Obtain this information from the TMDL document or other information. When completed, this document will be a self-contained report independent of the TMDL document.				Identify local governments, agricultural organizations or significant land holders, commercial forestry organizations, businesses and industries, and local organizations including environmental groups with a major interest in this water body.			
TMDL ID (to be entered by EPD)	FLT0000010	Name/Organization					
Water body name	Elkins Creek	Address					
HUC basin name	Flint River	City		State		Zip	
HUC number	0313000506	Phone			e-mail		
Primary county	Pike County	Name/Organization					
Secondary county	NA	Address					
Primary RDC	McIntosh Trail RDC	City		State		Zip	
Secondary RDC	NA	Phone			e-mail		
Water body location	Molena	Name/Organization					
	(Pike County)	Address					
Miles or area impacted	10 Mile Segment	City		State		Zip	
Parameter addressed in plan	Fecal Coliform	Phone			e-mail		
Water use classification	Fishing	Name/Organization					
Degree of impairment	Partially supporting use <input checked="" type="checkbox"/>	Address					
	Not supporting use <input type="checkbox"/>	City		State		Zip	
Date TMDL approved by EPA	February 2003	Phone			e-mail		
Impairment due to	Point sources <input type="checkbox"/>	Name/Organization					
	Nonpoint sources <input checked="" type="checkbox"/>	Address					
	Both <input type="checkbox"/>	City		State		Zip	
Point source-Form A; Nonpoint source-Form B; Both-Form A+B+C		Phone			e-mail		

If more, add to comments on last page.

FORM B

SUMMARY OF ALLOCATION MODEL RESULTS FROM TMDL DOCUMENT (existing load, target TMDL, and needed reduction)

EXISTING LOAD	TARGET TMDL	NEEDED REDUCTION
2.85E+12 (counts/30 days)	1.87E+12 (counts/30 days)	34%

I. IDENTIFY **NONPOINT SOURCE** CATEGORIES AND SUBCATEGORIES OR INDIVIDUAL SOURCES WHICH MUST BE CONTROLLED TO IMPLEMENT LOAD ALLOCATIONS:

List major nonpoint sources contributing to impairment including those identified in TMDL document.

SOURCE	DESCRIPTION OF POSSIBLE CONTRIBUTION TO IMPAIRMENT	RECOMMENDED LOAD REDUCTION (FROM TMDL)
Sources reported as unknown		
<i>Urban Runoff – Pervious Surface</i>	<i>Septic drainfields, animal waste</i>	<i>NA*</i>
<i>Urban Runoff – Impervious Surface</i>	<i>Stormwater management</i>	<i>NA*</i>
<i>Forest – Pervious Surface</i>	<i>Natural wildlife</i>	<i>NA*</i>
<i>Agriculture – Pervious Surface</i>	<i>Livestock management/ animal waste</i>	<i>NA*</i>
<i>Barren – Pervious Surface</i>	<i>Natural wildlife</i>	<i>NA*</i>

*Updated land use studies from EPD removed the recommended load reduction and further review of pollution data has suggested new/ additional testing should be done to further define nonpoint source pollution load characteristics for each listed source category.

II. DESCRIBE ANY REGULATORY OR VOLUNTARY ACTIONS INCLUDING MANAGEMENT MEASURES OR OTHER CONTROLS BY GOVERNMENTS OR INDIVIDUALS THAT SPECIFICALLY APPLY TO THE POLLUTANT AND THE WATERBODY FOR WHICH THE TMDL WAS WRITTEN, THAT WILL BE ACCOMPLISHED THROUGH RELIABLE AND EFFECTIVE DELIVERY MECHANISMS, AND THAT WILL HELP ACHIEVE THE LOAD ALLOCATIONS IN THE TMDL:

Existing or required regulatory actions (Note: TBD = To Be Determined)

RESPONSIBLE GOVERNMENT, ORGANIZATION OR ENTITY	NAME OF REGULATION/ORDINANCE	DESCRIPTION	ENACTED OR PROJECTED DATE	STATUS
<i>Pike County</i>	<i>Local Codes/ Zoning Ordinances</i>	<i>Land use regulations governing septic tanks & waste management</i>	<i>1998</i>	<i>In Place</i>
<i>Pike County</i>	<i>Local Codes/ Zoning Ordinances</i>	<i>Environmental regulations and stream buffer requirements (DNR Part V)</i>	<i>2001</i>	<i>Being Drafted</i>
<i>Pike County</i>	<i>Development Regulations</i>	<i>Minimum erosion and sedimentation control measures</i>	<i>1998</i>	<i>In Place</i>
<i>Pike County</i>	<i>Land Use Planning</i>	<i>Adopted Land Use/ Future Land Use plan</i>	<i>1994</i>	<i>In Place</i>
<i>City of Zebulon</i>	<i>Local Codes/ Zoning Ordinances</i>	<i>Land use regulations governing septic tanks & waste management</i>	<i>1998</i>	<i>In Place</i>
<i>City of Zebulon</i>	<i>Local Codes/ Zoning Ordinances</i>	<i>Environmental regulations and stream buffer requirements (DNR Part V)</i>	<i>2001</i>	<i>In Place</i>
<i>City of Zebulon</i>	<i>Development Regulations</i>	<i>Minimum erosion and sedimentation control measures</i>	<i>1998</i>	<i>In Place</i>
<i>City of Zebulon</i>	<i>Land Use Planning</i>	<i>Adopted Land Use/ Future Land Use plan</i>	<i>1994</i>	<i>In Place</i>
<i>City of Molena</i>	<i>Local Codes/ Zoning Ordinances</i>	<i>Land use regulations governing septic tanks & waste management</i>	<i>1998</i>	<i>In Place</i>
<i>City of Molena</i>	<i>Local Codes/ Zoning Ordinances</i>	<i>Environmental regulations and stream buffer requirements (DNR Part V)</i>	<i>2001</i>	<i>In Place</i>
<i>City of Molena</i>	<i>Development Regulations</i>	<i>Minimum erosion and sedimentation control measures</i>	<i>1998</i>	<i>In Place</i>
<i>City of Molena</i>	<i>Land Use Planning</i>	<i>Adopted Land Use/ Future Land Use plan</i>	<i>1994</i>	<i>In Place</i>
<i>City of Concord</i>	<i>Local Codes/ Zoning Ordinances</i>	<i>Land use regulations governing septic tanks & waste management</i>	<i>1998</i>	<i>In Place</i>
<i>City of Concord</i>	<i>Local Codes/ Zoning Ordinances</i>	<i>Environmental regulations and stream buffer requirements (DNR Part V)</i>	<i>1998</i>	<i>In Place</i>
<i>City of Concord</i>	<i>Development Regulations</i>	<i>Minimum erosion and sedimentation control measures</i>	<i>1998</i>	<i>In Place</i>
<i>City of Concord</i>	<i>Land Use Planning</i>	<i>Adopted Land Use/ Future Land Use plan</i>	<i>1996</i>	<i>In Place</i>
<i>City of Williamson</i>	<i>Local Codes/ Zoning Ordinances</i>	<i>Land use regulations governing septic tanks & waste management</i>	<i>1998</i>	<i>In Place</i>
<i>City of Williamson</i>	<i>Local Codes/ Zoning Ordinances</i>	<i>Environmental regulations and stream buffer requirements (DNR Part V)</i>	<i>1998</i>	<i>In Place</i>

<i>City of Williamson</i>	<i>Development Regulations</i>	<i>Minimum erosion and sedimentation control measures</i>	<i>1998</i>	<i>In Place</i>
<i>City of Williamson</i>	<i>Land Use Planning</i>	<i>Adopted Land Use/ Future Land Use plan</i>	<i>1996</i>	<i>In Place</i>
<i>Spalding County</i>	<i>Local Codes/ Zoning Ordinances</i>	<i>Land use regulations governing septic tanks & waste management</i>	<i>1996</i>	<i>In Place</i>
<i>Spalding County</i>	<i>Local Codes/ Zoning Ordinances</i>	<i>Environmental regulations and stream buffer requirements (DNR Part V)</i>	<i>2001</i>	<i>In Place</i>
<i>Spalding County</i>	<i>Development Regulations</i>	<i>Minimum erosion and sedimentation control measures</i>	<i>1996</i>	<i>In Place</i>
<i>Spalding County</i>	<i>Land Use Planning</i>	<i>Adopted Land Use/ Future Land Use plan</i>	<i>2000</i>	<i>Being updated</i>
<i>Upton County</i>	<i>Local Codes/ Zoning Ordinances</i>	<i>Land use regulations governing septic tanks & waste management</i>	<i>1998</i>	<i>In Place</i>
<i>Upton County</i>	<i>Local Codes/ Zoning Ordinances</i>	<i>Environmental regulations and stream buffer requirements (DNR Part V)</i>	<i>2002</i>	<i>Being Drafted</i>
<i>Upton County</i>	<i>Development Regulations</i>	<i>Minimum erosion and sedimentation control measures</i>	<i>1998</i>	<i>In Place</i>
<i>Upton County</i>	<i>Land Use Planning</i>	<i>Adopted Land Use/ Future Land Use plan</i>	<i>1996</i>	<i>In Place;</i>
<i>EPD</i>	<i>Flint River Basin Plan</i>	<i>State plan for monitoring and managing Flint River basin protective measures</i>	<i>1997</i>	<i>In Place</i>
<i>EPD</i>	<i>Discharge Regulations</i>	<i>Discharge permitting and management; 3 NPDES sites in Elkins Creek watershed.</i>	<i>1995</i>	<i>In Place</i>
<i>Forest Industries</i>	<i>Minimum Standards</i>	<i>Erosion and sedimentation management; land disturbance permits. To be catalogued after inventory of practicing industries in McIntosh Trail region.</i>	<i>On-going</i>	<i>TBD</i>
<i>Agricultural Operations</i>	<i>Minimum Standards</i>	<i>Livestock/ animal management policies To be catalogued after inventory of operations in McIntosh Trail region.</i>	<i>On-going</i>	<i>TBD</i>

Existing voluntary actions

RESPONSIBLE ORGANIZATION OR ENTITY	NAME OF ACTION	DESCRIPTION	ENACTED OR PROJECTED DATE	STATUS
<i>Agricultural Operations</i>	<i>Best Management Practices</i>	<i>Livestock & animal waste control efforts To be reviewed after inventory of operations in McIntosh Trail region.</i>	<i>Not Applicable</i>	<i>TBD</i>
<i>Forest Industries</i>	<i>Best Management Practices</i>	<i>Erosion & sediment control To be reviewed after inventory of practicing industries in McIntosh Trail region.</i>	<i>Not Applicable</i>	<i>TBD</i>
<i>Public/ Residents</i>	<i>Septic tanks mgmt.</i>	<i>Monitoring & maintenance of drainfields</i>	<i>Not Applicable</i>	<i>TBD</i>

Additional recommended regulatory or other measures that could be implemented to reduce the loads of the TMDL parameter

ENTITY/ORGANIZATION RESPONSIBLE	NAME OF PROPOSED REGULATION/ORDINANCE/ OTHER	DESCRIPTION	ENACTED OR PROJECTED DATE	STATUS
<i>New Entity (as needed)</i>	<i>Adopt-a-Stream</i>	<i>Regular/ updated stream monitoring and reporting</i>	<i>2004</i>	<i>Proposed Concept</i>
<i>Local Governments (as needed)</i>	<i>Septic-tank performance monitoring and regulation</i>	<i>Establish regular performance/ maintenance requirements for septic tanks to prevent tank failures and pollution</i>	<i>TBD</i>	<i>Proposed Concept</i>