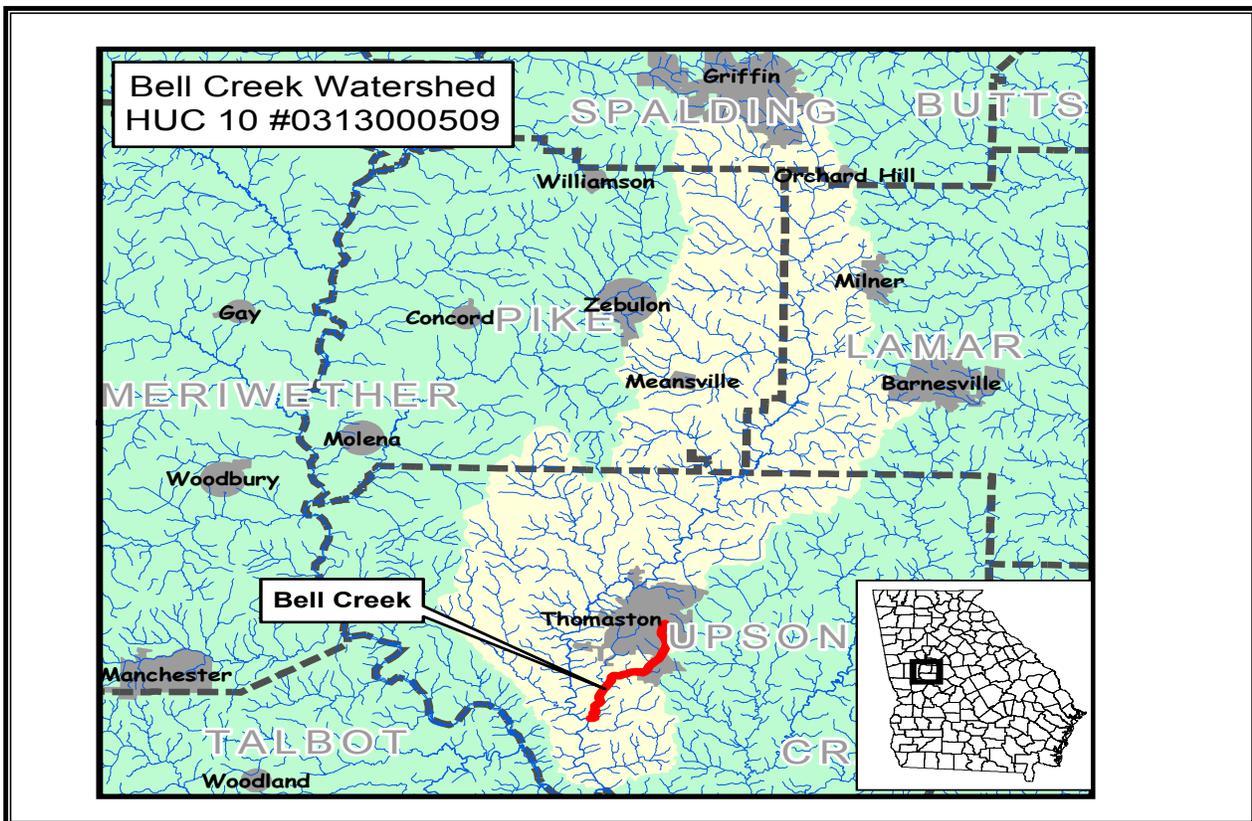


STATE OF GEORGIA TMDL IMPLEMENTATION PLAN

BELL 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
Bell Creek	Headwaters, d/s Thomaston, to Potato Creek	Flint	4	Partially Supporting

STATE OF GEORGIA

TMDL IMPLEMENTATION PLAN FOR: **Bell 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)	FLT0000009	Name/Organization					
Water body name	Bell Creek	Address					
HUC basin name	Flint River	City		State		Zip	
HUC number	0313000509	Phone			e-mail		
Primary county	Upson County	Name/Organization					
Secondary county	NA	Address					
Primary RDC	McIntosh Trail RDC	City		State		Zip	
Secondary RDC	NA	Phone			e-mail		
Water body location	Thomaston	Name/Organization					
	(Upson County)	Address					
Miles or area impacted	6.22 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
1.54E+13 (counts/30 days)	9.24E+10 (counts/30 days)	40%

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)
<i>Urban Runoff – Pervious Surface</i>	<i>Septic drainfields, animal waste</i>	NA*
<i>Urban Runoff – Impervious Surface</i>	<i>Stormwater management</i>	NA*

*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 (mm/yy)	STATUS
<i>City of Thomaston</i>	<i>Local Codes/ Zoning Ordinances</i>	<i>Land use regulations governing septic tanks & waste management</i>	<i>TBD</i>	<i>In Place</i>
<i>Thomaston</i>	<i>Local Codes/ Zoning Ordinances</i>	<i>Environmental regulations and stream buffer requirements (DNR Part V)</i>	<i>2002</i>	<i>Draft text</i>
<i>Thomaston</i>	<i>Development Regulations</i>	<i>Minimum erosion and sedimentation control measures</i>	<i>2000</i>	<i>In Place</i>
<i>Thomaston</i>	<i>Land Use Planning</i>	<i>Adopted Land Use/ Future Land Use plan</i>	<i>1996</i>	<i>In Place</i>
<i>Upton County</i>	<i>Local Codes/ Zoning Ordinances</i>	<i>Land use regulations governing septic tanks & waste management</i>	<i>TBD</i>	<i>In Place</i>
<i>Upton Co.</i>	<i>Local Codes/ Zoning Ordinances</i>	<i>Environmental regulations and stream buffer requirements (DNR Part V)</i>	<i>2002</i>	<i>Draft text</i>
<i>Upton Co.</i>	<i>Development Regulations</i>	<i>Minimum erosion and sedimentation control measures</i>	<i>2000</i>	<i>In Place</i>
<i>Upton Co.</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. Three NPDES points along Bell Creek</i>	<i>1995</i>	<i>In Place</i>
<i>Forest Industries</i>	<i>Minimum Regulatory 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 Regulatory Standards</i>	<i>Livestock/ animal waste control regulations 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 measures. 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>TBD</i>	<i>Concept Proposal</i>
<i>Thomaston & Upson County</i>	<i>Septic-tank performance monitoring and regulation</i>	<i>Review possibility for regular performance/ maintenance requirements for septic tanks to prevent tank failures and pollution</i>	<i>TBD</i>	<i>Concept Proposal</i>

III. SCHEDULE FOR IMPLEMENTING MANAGEMENT MEASURES OR OTHER CONTROL ACTIONS:

These must be implemented as expeditiously as practicable within five years of when the implementation plan is accepted by EPA.

IMPLEMENTATION ACTION	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5
Form stakeholders group	X				
Organize implementation work with stakeholders and local officials to identify remedial measures and potential funding sources	X				
Identify sources of TMDL parameter	X	X			
Implement new water testing and monitoring to develop updated water quality assessment	X	X			
Review new monitoring results, compare with original TMDL for assessment of necessary plan revisions		X			
As needed, develop management programs to control runoff including identification and implementation of BMPs (Phase I): Agriculture, Forestry, Urban, and Mining		X	X		
Organize and implement education and outreach programs		X	X		
Detect and eliminate illicit discharges		X	X		
Evaluate additional management controls needed			X		
Monitor and evaluate results			X		
Reassess TMDL allocations			X	X	
Provide periodic status reports on implementation of remedial activities		X	X	X	X
If needed, begin process for Phase II (next 5 years) and subsequent phases					X

IV. PROJECTED ATTAINMENT DATE AND BASIS FOR THAT PROJECTION:

The projected attainment date is 10 years from acceptance of the implementation plan by EPA.

Describe any planned or proposed sampling activities or other surveys. (Scheduled EPD sampling can be found in the Basin Planning document.)

ORGANIZATION	TIME FRAME	PARAMETERS	PURPOSE	STATUS
EPD	1997 - ?	Various	Basin planning	In Place
RDC/ EPD/ Local Governments	2002 - 2004	Fecal-Coliform	Update monitoring for comparison to original TMDL	To Begin in 2002
City of Thomaston/ OpTech Services	2002 - ?	Fecal & others	Water quality maintenance	Begins 2002

VII. CRITERIA TO DETERMINE WHETHER SUBSTANTIAL PROGRESS IS BEING MADE:

- % concentration or load change (monitoring program)
- Categorical change in classification of the stream (delisting the stream is the goal)
- Regulatory controls or activities installed (ordinances, laws)
- Best management practices installed (agricultural, forestry, urban)

COMMENTS
