

SUBWATERSHED MANAGEMENT UNIT SUMMARY SHEET

Subwatershed

Management Unit: Fall Creek
Major Watershed Name: Thornapple River
Hydrologic Unit Code: 04050007-0401



WATERSHED DESCRIPTION:

Size (acres):	15,870	Land Use (% of total)	
County:	Barry	<i>Agricultural</i>	36%
Cities, Villages & Townships:	Hastings, Orangeville, Hope, Rutland	<i>Forest Land</i>	34%
Critical Area for Restoration:	Low	<i>Lakes</i>	5%
Priority Area for Preservation:	Medium	<i>Open Land</i>	4%
		<i>Urban</i>	5%
		<i>Wetlands</i>	16%
Pollutant Loadings			
Sediment (tons/yr)	160		
Phosphorus (lbs/yr)	3,520		
Nitrogen (lbs/yr)	20,900		

Priority Pollutant	Habitat Fragmentation		
Priority Sources	Destruction of habitat, including wetlands and floodplains		
Priority Causes	Urban and agriculture development		
Trout Streams	NA		
Streams with Total Maximum Daily Loads & Dates of Implementation	None		
Wellhead Protection Area(s)	NO		

PLANS & STUDIES:

Watershed Management Plan	Thornapple River
Other Studies	NA
MDNRE Surface Water Quality Assessment Surveys	25300, MI/DEQ/SWQ-02/001
MDNRE Hydrologic Studies	Thornapple River Watershed Flashiness Report (MDEQ 2008)
Local Water Quality Monitoring / Inventories	

WATERSHED PARTNERS:

Watershed Organization(s)	LGROW
NPDES Municipal Separate Storm Sewer System (MS4) Communities	

Last Update: 9/9/2010