

SUBWATERSHED MANAGEMENT UNIT SUMMARY SHEET

Subwatershed
Management Unit: High Bank Creek
Major Watershed Name: Thornapple River
Hydrologic Unit Code: 04050007-0209



WATERSHED DESCRIPTION:

Size (acres):	21,810	Land Use (% of total)	
County:	Barry	<i>Agricultural</i>	57%
Cities, Villages & Townships:	Johnstown, Maple Grove, Baltimore, Castleton	<i>Forest Land</i>	21%
Critical Area for Restoration:	Low	<i>Lakes</i>	4%
Priority Area for Preservation:	Medium	<i>Open Land</i>	3%
		<i>Urban</i>	2%
		<i>Wetlands</i>	13%
Pollutant Loadings			
Sediment (tons/yr)	184		
Phosphorus (lbs/yr)	4,270		
Nitrogen (lbs/yr)	26,400		

Priority Pollutant Habitat Fragmentation

Priority Sources Destruction of habitat, including wetlands and floodplains

Priority Causes Urban and agriculture development

Trout Streams/Miles High Bank Creek
2.4

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, 003900, MI/DNR/SWQ-91/052, MI/DEQ/SWQ-98/030

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