

# SUBWATERSHED MANAGEMENT UNIT SUMMARY SHEET

**Subwatershed**  
**Management Unit:** Glass Creek  
**Major Watershed Name:** Thornapple River  
**Hydrologic Unit Code:** 04050007-0403



**WATERSHED DESCRIPTION:**

<b>Size (acres):</b>	23,511	<b>Land Use (% of total)</b>	
<b>County:</b>	Barry	<i>Agricultural</i>	29%
<b>Cities, Villages &amp; Townships:</b>	Orangeville, Hope, Rutland, Yankee Springs	<i>Forest Land</i>	46%
<b>Critical Area for Restoration:</b>	Low	<i>Lakes</i>	3%
<b>Priority Area for Preservation:</b>	High	<i>Open Land</i>	5%
		<i>Urban</i>	2%
		<i>Wetlands</i>	15%
<b>Pollutant Loadings</b>			
Sediment (tons/yr)	168		
Phosphorus (lbs/yr)	1,030		
Nitrogen (lbs/yr)	6,340		

<b>Priority Pollutant</b>	Habitat Fragmentation		
<b>Priority Sources</b>	Destruction of habitat, including wetlands and floodplains		
<b>Priority Causes</b>	Urban and agriculture development		
<b>Trout Streams/Miles</b>	Glass Creek 6.5		
<b>Streams with Total Maximum Daily Loads &amp; Dates of Implementation</b>	None		
<b>Wellhead Protection Area(s)</b>	NO		

**PLANS & STUDIES:**

<b>Watershed Management Plan</b>	Thornapple River
<b>Other Studies</b>	No
<b>MDNRE Surface Water Quality Assessment Surveys</b>	25300, MI/DEQ/SWQ-02/001
<b>MDNRE Hydrologic Studies</b>	Thornapple River Watershed Flashiness Report (MDEQ 2008)
<b>Local Water Quality Monitoring / Inventories</b>	

**WATERSHED PARTNERS:**

<b>Watershed Organization(s)</b>	LGROW
<b>NPDES Municipal Separate Storm Sewer System (MS4) Communities</b>	

Last Update: 9/9/2010