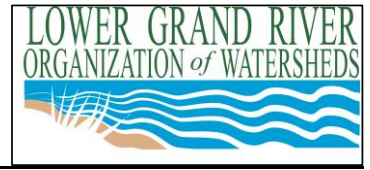


# SUBWATERSHED MANAGEMENT UNIT SUMMARY SHEET

**Subwatershed**  
**Management Unit:** Wabasis and Beaver Dam Creek  
**Major Watershed Name:** Flat River  
**Hydrologic Unit Code:** 04050006-0201



**WATERSHED DESCRIPTION:**

<b>Size (acres):</b>	30,124	<b>Land Use (% of total)</b>	
<b>Counties:</b>	Kent, Ionia, Montcalm	Agricultural	45%
<b>Cities, Villages &amp; Townships:</b>	Courtland, Nelson, Oakfield, Eureka, Otisco, Grattan	Forest Land	28%
		Lakes	4%
<b>Critical Area for Restoration:</b>	Low	Open Land	5%
<b>Priority Area for Preservation:</b>	High	Urban	4%
		Wetlands	14%
<b>Pollutant Loadings</b>			
Sediment (tons/yr)	294		
Phosphorus (lbs/yr)	6,230		
Nitrogen (lbs/yr)	36,500		

<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</b>	NA		
<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>	None
<b>Other Studies</b>	Natural River Plan
<b>MDNRE Surface Water Quality Assessment Surveys</b>	25300, MI/DEQ/SWQ-02/004
<b>MDNRE Hydrologic Studies</b>	None
<b>Local Water Quality Monitoring / Inventories</b>	None

**WATERSHED PARTNERS:**

<b>Watershed Organization(s)</b>	LGROW
<b>NPDES Municipal Separate Storm Sewer System (MS4) Communities</b>	None

Last Update: 9/14/2010