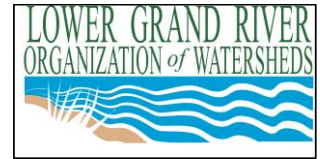


# SUBWATERSHED MANAGEMENT UNIT SUMMARY SHEET

**Subwatershed**  
**Management Unit:** Dickerson Creek  
**Major Watershed Name:** Flat River  
**Hydrologic Unit Codes:** 04050006-0202, -0203, -0205



**WATERSHED DESCRIPTION:**

<b>Size (acres):</b>	48,388	<b>Land Use (% of total)</b>	
<b>Counties:</b>	Montcalm, Ionia	<i>Agricultural</i>	55%
<b>Cities, Villages &amp; Townships:</b>	Sheridan, Douglass, Montcalm, Sidney, Eureka, Fairplain, Otisco, Orleans	<i>Forest Land</i>	16%
<b>Critical Area for Restoration:</b>	Low	<i>Lakes</i>	3%
<b>Priority Area for Preservation:</b>	High	<i>Open Land</i>	3%
		<i>Urban</i>	2%
		<i>Wetlands</i>	21%
<b>Pollutant Loadings</b>			
Sediment (tons/yr)	422		
Phosphorus (lbs/yr)	16,800		
Nitrogen (lbs/yr)	101,300		

**Priority Pollutant** Habitat Fragmentation

**Priority Sources** Destruction of habitat, including wetlands and floodplains

**Priority Causes** Urban and agriculture development

**Trout Streams/Miles** Dickerson Creek and its unnamed tribs./Dickerson Creek  
10.8

**Streams with Total Maximum Daily Loads & Dates of Implementation** None

**Wellhead Protection Area(s)** YES

**PLANS & STUDIES:**

**Watershed Management Plan** None

**Other Studies** LLWFA Action Plan, Natural River Plan

**MDNRE Surface Water Quality Assessment Surveys** 25300, 004280, MI/DEQ/SWQ-02/004

**MDNRE Hydrologic Studies** None

**Local Water Quality Monitoring / Inventories** None

**WATERSHED PARTNERS:**

**Watershed Organization(s)** LGROW

**NPDES Municipal Separate Storm Sewer System (MS4) Communities** None

**Last Update:** 9/9/2010