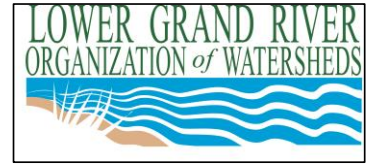


# SUBWATERSHED MANAGEMENT UNIT SUMMARY SHEET

**Subwatershed**  
**Management Unit:** Sand Creek  
**Major Watershed Name:** Direct Drainage to the Grand River  
**Hydrologic Unit Codes:** 04050006-0701, -0702, -0703



**WATERSHED DESCRIPTION:**

<b>Size (acres):</b>	35,085	<b>Land Use (% of total)</b>	
<b>Counties:</b>	Kent, Ottawa	<i>Agricultural</i>	64%
<b>Cities, Villages &amp; Townships:</b>	Chester, Wright, Alpine, Walker, Tallmadge	<i>Forest Land</i>	11%
<b>Critical Area for Restoration:</b>	High	<i>Lakes</i>	1%
<b>Priority Area for Preservation:</b>	High	<i>Open Land</i>	2%
		<i>Urban</i>	14%
		<i>Wetlands</i>	8%
<b>Pollutant Loadings</b>			
Sediment (tons/yr)	457		
Phosphorus (lbs/yr)	12,620		
Nitrogen (lbs/yr)	75,200		

**Priority Pollutant** Pathogens

**Priority Sources** Cropland Livestock Septic tanks

**Priority Causes** Over or improper application of manure Uncontrolled livestock access Aging systems

**Trout Streams/Miles** Sand Creek and its unnamed tribs 19.4

**Streams with Total Maximum Daily Loads & Dates of Implementation** East Fork Sand Creek and Unnamed Tributaries to East Fork Sand Creek TMDL  
Other flow regime alterations & Sedimentation/Siltation 2005; Sand Creek TMDL  
Other flow regime alterations & Sedimentation/Siltation 2005

**Wellhead Protection Area(s)** NO

**PLANS & STUDIES:**

**Watershed Management Plan** Sand Creek

**Other Studies** NONE/In progress, will adopt Kent County Model Ordinance in Walker, Alpine Twp (In Progress)

**MDNRE Surface Water Quality Assessment Surveys** 25300, MI/DEQ/SWQ-00/039

**MDNRE Hydrologic Studies** A Hydrologic Study of the Sand Creek Watershed, MDEQ, Fongers, 2004

**Local Water Quality Monitoring / Inventories**

**WATERSHED PARTNERS:**

**Watershed Organization(s)** Sand Creek Watershed Partners, LGROW

**NPDES Municipal Separate Storm Sewer System (MS4) Communities** Walker, Kent County Drain Commissioner, Kent County Road Commission, Ottawa County Road Commission, Ottawa County Drain Commissioner

**Last Update:** 9/14/2010