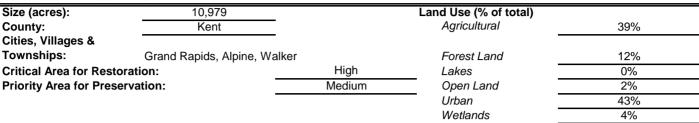
Subwatershed Management Unit Summary Sheet

Management Unit: Indian Mill Creek

Major Watershed Name: Direct Drainage to the Grand River

Hydrologic Unit Code: 04050006-0504

WATERSHED DESCRIPTION:



Pollutant Loadings

Sediment (tons/yr)	395
Phosphorus (lbs/yr)	7,545
Nitrogen (lbs/yr)	42,689

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Phosphorus (lbs/yr)	7,545			
Nitrogen (lbs/yr)	42,689			
Priority Pollutant		Sediment		
Priority Sources		Cropland	Urban landscapes	Streambanks
Priority Causes		Tillage practices	Lack of buffers	Dense drainage network
Trout Streams/Miles		Indian Mill Creek, Brandywine Creek, and unnamed tribs of Indian Mill Creek 5.4		
Streams with Total Maximum D & Dates of Implementation	aily Loads	Sedimentation/Siltation 2016		
Wellhead Protection Area(s)		ИО		
PLANS & STUDIES:				
Watershed Management Plan		None		
Other Studies		Indian Mill Creek Watershed Storm Water Management Plan (1993), City of Grand Rapids Storm Water Management Master Plan (1994), Alpine Twp (in		
MDNRE Surface Water Quality	Assessment	MI/DEQ/SWQ-09, 25300, MI/DEQ/SWQ-98/021, MI/DNR/SWQ-93/022		

Surveys

MDNRE Hydrologic Studies

2010, MDNRE LWMD, D. Fonger

Local Water Quality Monitoring / Inventories WATERSHED PARTNERS:

MDNRE 2008 (within Cities of Grand Rapids and Walker only), City of Grand Rapids Environmental Protection Dept. for several parameters

Watershed Organization(s)

Lower Grand River of Organizations (LGROW), Friends of Indian Mill Creek West Michigan Environmental Action Council (WMEAC) Adopt-A-Stream

NPDES Municipal Separate Storm Sewer System (MS4) Communities

Walker, Grand Rapids, Kent County Drain Commissioner, Kent County Road Commission

Recommended Projects

Blandford Nature Center storm water runoff controls and streambank stabilization

Last Update: 9/9/2010