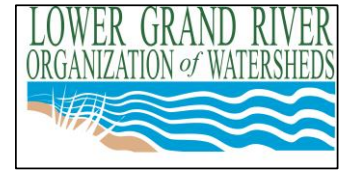


SUBWATERSHED MANAGEMENT UNIT SUMMARY SHEET

Subwatershed

Management Unit: Lower Rogue River
Major Watershed Name: Rogue River
Hydrologic Unit Codes: 04050006-0404, -0405, -0406, -0407, -0408



WATERSHED DESCRIPTION:

Size (acres):	65,534	Land Use (% of total)	
County:	Kent, Ottawa	Agricultural	42%
Cities, Villages & Townships:	Casnovia, Kent City, Sparta, Cedar Springs, Rockford, Tyrone, Solon, Nelson, Courtland, Algoma, Sparta, Chester, Alpine, Plainfield, Cannon	Forest Land	23%
Critical Area for Restoration:	High	Lakes	2%
Priority Area for Preservation:	Medium	Open Land	4%
		Urban	19%
		Wetlands	10%
Pollutant Loadings		*Loadings for the entire Rogue River Watershed (includes subwatershed management units for the Lower and Upper Rouge Rivers).	
Sediment (tons/yr)	*4049		
Phosphorus (lbs/yr)	*50,936		
Nitrogen (lbs/yr)	*291,252		

Priority Pollutant Pathogens

Priority Sources Cropland

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

Trout Streams/Miles Rogue River, Little Cedar Creek, Cedar Creek/Rogue River, Barkley Creek, Rum Creek, Shaw Creek/Nash Creek/Rogue River, Ball Creek/Stegman Creek, Becker Creek
38.5

Streams with Total Maximum Daily Loads & Dates of Implementation None

Wellhead Protection Area(s) YES

PLANS & STUDIES:

Watershed Management Plan Rogue River

Other Studies LLWFA Action Plan, Natural River Plan/An Assessment of Water

MDNRE Surface Water Quality Assessment Surveys 000270, 25300, MI/DEQ/SWQ-99/007 (Cedar Creek), MI/DNR/SWQ-90/111 (Cedar Creek), MI/DNR/SWQ-91/070 (Cedar Creek)/000500, 000270, 25300,

MDNRE Hydrologic Studies As Assessment of Water Quality and Aquatic Habitat and Recommendations for the Cedar Creek Watershed (1995)

Local Water Quality Monitoring / Inventories Yes, by WMEAC for macroinvertebrate community, sediment, and temp; by Michigan Lakes and Stream Association Members for temp and nutrients; by Kent County Health Department for pathogens; by Schrems West Michigan Trout Unlimited for Temp.

WATERSHED PARTNERS:

Watershed Organization(s) Rogue River Watershed Council, LGROW

NPDES Municipal Separate Storm Sewer System (MS4) Communities Plainfield Twp., Rockford, Sparta, Kent County Drain Commissioner, Kent County Road Commission

Last Update: 9/14/2010