

Load/Nonpoint Source Water Quality-Related Programs in the Lake Allegan Basin

Project or Program	Sponsoring Organization(s)	Primary Purpose(s)	Geographic Scope	Accountability	Time Frame
Kalamazoo River Watershed Council	Kalamazoo River Watershed Council	Communication; education; technical assistance; advocacy; watershed planning; Kalamazoo River Watershed Remedial & Preventive Action Plan; Kalamazoo River Superfund TAG	Kalamazoo River Watershed	Grant contracts (MDEQ, USEPA), Great Lakes Water Quality Agreement (IJC)	Ongoing
Kalamazoo Area Storm Water Working Group	Kalamazoo, Parchment, KCRC, KCDC, K'zoo Twp, Oshtemo Twp, Comstock Twp, etc.	Address regional/watershed storm water management issues, especially Phase II; education, training, planning, implementation.	Kalamazoo County	Pending NPDES permits (MDEQ, SWQD)	Ongoing
Western Michigan University Voluntary MS4 permit	Western Michigan University	Has applied for the permit. Working with local partners on development of watershed management plan.	University properties	NPDES permit (MDEQ, SWQD)	Ongoing
City of Portage Voluntary MS4 permit	City of Portage	Developing permit application. Working with local partners on development of watershed management plan.	City of Portage	NPDES permit (MDEQ, SWQD)	Ongoing
City of Kalamazoo storm water management project	City of Kalamazoo	Educate citizens and officials about watershed issues; evaluate water quality and identify critical areas; review and revise City ordinances pertaining to storm water; develop funding methods	City of Kalamazoo	Grant contract (MDEQ, SWQD)	1999-2001, and ongoing
City of Battle Creek Voluntary MS4 permit	City of Battle Creek	Has received coverage under the permit. Working with CCCD, Springfield, 5 twps and others to develop watershed management plan	Watersheds in and around Battle Creek and northwest Calhoun County	NPDES permit (MDEQ, SWQD)	Ongoing
Calhoun County Voluntary MS4	Calhoun County Community Development	Has received coverage under the permit. Working with Battle Creek, Springfield, 5 twps & others to develop watershed management plan	Watersheds in and around Battle Creek and northwest Calhoun County	NPDES permit (MDEQ, SWQD)	Ongoing
City of Springfield Voluntary MS4 permit	City of Springfield	Has applied for the permit. Working with Battle Creek, Springfield, 5 twps and others to develop watershed management plan	Watersheds in and around Battle Creek and northwest Calhoun County	NPDES permit (MDEQ, SWQD)	Ongoing
Crosstown Ponds Storm Water Project	City of Kalamazoo	Feasibility study underway to determine best storm water management/treatment system of BMPs	Crosstown Ponds, Portage Creek watershed in City of Kalamazoo	Grant contract (MDEQ, SWQD)	feasibility study in 2001; construction in 2002
Watershed Information Management Project	Western Michigan University GEM, Kalamazoo, Kalamazoo County, MDEQ	Set up a regional web-based center to collect, maintain and disseminate environmental quality data. Prototype at http://www.wmich.edu/geology/gem/dataclearing/home.html	Regional	Grant contract (MDEQ, SWQD)	Ongoing

Water Quality Trading Project	Forum for Greater Kalamazoo, Kieser and Associates	Implementation of phosphorus reducing BMPs; demonstration of how water quality trading might work	Kalamazoo River Watershed in Kalamazoo County	Maintenance contracts (Kalamazoo Conservation District)	grant funds used; demos ongoing
Wellhead Protection Programs	Kalamazoo, Battle Creek, Marshall, Olivet, Otsego, Parchment, Plainwell, Portage, Augusta	Ground water protection	Well-head protection areas of noted municipalities	Regulatory oversight (MDEQ, DWRPD)	Ongoing
Woods Lake Storm Water Improvements	City of Kalamazoo, Woods Lake Association	Implementation of storm water treatment measures at Woods Lake	Woods Lake	Grant contract & permit (MDEQ, SWQD & LWMD)	2001
Davis Creek Watershed Project	Kalamazoo Conservation District, Forum for Greater Kalamazoo	Watershed planning, BMP implementation, land use planning, education, coordination	Davis Creek Watershed	Grant contract (MDEQ, SWQD), Maintenance contracts (Kalamazoo Conservation District)	Through 2001
Consolidated Drain Project	City of Portage	Implementation & construction of storm water treatment measures in the Consolidated Drain	Portage Creek Watershed	Grant contract & permit (MDEQ, SWQD & LWMD)	2000 & 2001
GIS Watershed Atlases	Western Michigan University GIS Research Center	GIS layers including land use, soils, wetlands, etc. for land use planning and natural resource protection	Kalamazoo River Watershed in Allegan, Barry and Kalamazoo counties	Grant contract (MDEQ, SWQD)	Ongoing
Regional Public Education Strategy Development	Western Michigan University with regional partners	Coordinate/develop public education programs on storm water and other issues	Kalamazoo River Watershed	Grant contract (MDEQ, SWQD)	2000-2001 and ongoing
Kalamazoo County surface water monitoring program	Kalamazoo County Human Services Department	Development of a surface water monitoring program for <i>E. coli</i> for ambient water quality and problem identification	Kalamazoo County		2001 and ongoing
Four Township Water Resources Council Project	Four Township Water Resources Council	Watershed management, land use planning for natural resources and open space protection	Gull Lake, Augusta Creek, Springbrook watersheds	Grant contract (MDEQ, SWQD)	Ongoing
Multiple Farm Bill programs for natural resources protection on agricultural lands	Natural Resources Conservation Service and Conservation Districts	Conservation planning and implementation for farms, to include a variety of measures to control NPS pollutants	Everywhere		Ongoing
Kalamazoo River Watershed Critical Erosion Sites Mitigation	Kalamazoo River Watershed Council; Allegan, Kalamazoo and Calhoun County Road Commissions; Allegan, Kalamazoo and Calhoun Conservation Districts; Potawatomi RC&D, and other partners	Stabilization, remediation of 10 streambank and road-stream crossing sites in the watershed (CMI funding). This project and these partners have also begun a "problem site" inventory, so that problem sites can be identified and addressed.	Kalamazoo River Watershed	Grant contract (MDEQ, SWQD)	2001-2002 and ongoing

Conserv-o-rama	Kalamazoo Conservation District	Conservation education program for 5 th graders	All school districts fully or partially in Kalamazoo County		Annually
Business Environmental Education & Assistance Program	Kalamazoo County Human Services Department	Pollution prevention/ environmental protection assistance to business	Kalamazoo County		Ongoing
Kalamazoo River Protection Association	Kalamazoo River Protection Association	Community advocates for PCB remediation	Kalamazoo River and Portage Creek		Ongoing
Gun River Watershed Project	Allegan Conservation District and multiple partners	Watershed planning, BMP implementation, land use planning, education, coordination	Gun River Watershed	Grant contract (MDEQ, SWQD)	2001 and ongoing
Portage & Arcadia Creeks Watershed	Forum for Greater Kalamazoo and multiple partners	Watershed planning, BMP implementation, land use planning, education, coordination	Portage & Arcadia Creeks Watersheds	Grant contract (MDEQ, SWQD)	2001 and ongoing
Rice Creek Watershed	Calhoun Conservation District and multiple partners	Watershed planning, BMP implementation, land use planning, education, coordination	Rice Creek Watershed	Grant contract (MDEQ, SWQD)	2001 and ongoing
Kalamazoo River/Lake Allegan TMDL Implementation Coordination	Michigan State University Extension at the Kellogg Biological Station	Coordination, communication, tracking, facilitation and education components of TMDL Implementation	Lake Allegan Watershed	Grant contract (MDEQ, SWQD)	2001-2003
Michigan State University Extension Home-a-Syst, Lake-a-Syst	Michigan State University	Education, technical assistance for riparians, ground water protection	Everywhere		Ongoing
Michigan State University Agricultural Extension, Farm-a-Syst	Michigan State University	Education, technical assistance for agriculture, horticulture	Everywhere		Ongoing
Kalamazoo Foundation Sustainable Community Watershed Fund	Kalamazoo Foundation	Funding for watershed management and nonpoint source pollution issues	Watersheds in (wholly or partially) Kalamazoo County		Ongoing
Household Hazardous Waste Collection	Kalamazoo County Human Services Department; Calhoun County Environmental Health Dept; Allegan County Health Department	Collection and disposal of household hazardous waste	Most areas of Kalamazoo County; All areas of Calhoun County; Most areas of Allegan County		Ongoing
Kalamazoo River Superfund Project	Michigan Department of Environmental Quality, Environmental Response Division	Remediation of PCB contamination in the Kalamazoo River and Portage Creek	Kalamazoo River from Morrow Pond to Lake Michigan and Portage Creek	NPL authority (MDEQ, USEPA)	Ongoing until clean-up complete
MDEQ Nonpoint Source Program	Michigan Department of	Technical assistance, watershed planning assistance,	Everywhere	Grant contracts (USEPA); federal	Ongoing

	Environmental Quality, Surface Water Quality Division	grant funding, compliance and enforcement for nonpoint source pollution discharges		Clean Water Act (USEPA); NREPA, PA 451, 1994 as amended (MDEQ, SWQD)	
North Limits Drain Project	City of Kalamazoo, Kalamazoo Township, Kieser & Associates	Storm water feasibility study	North Limits Drain	Grant contract (Kalamazoo Foundation)	2001
NPDES Industrial Storm Water Program	Michigan Department of Environmental Quality, Surface Water Quality Division	Permits, regulatory framework for storm water discharges from industrial sites (currently 149 permitted facilities in the Kalamazoo River Watershed)	Everywhere for regulated discharges	NPDES permits (MDEQ, SWQD)	Ongoing
NPDES Construction Storm Water Program	Michigan Department of Environmental Quality, Surface Water Quality Division	Permits, regulatory framework for storm water discharges from construction sites >5 acres	Everywhere for regulated discharges	NPDES permits (MDEQ, SWQD)	Ongoing
Part 91 Program	All counties, some cities & villages, some public agencies	Soil erosion control from construction activities	Everywhere	NREPA, PA 451, 1994 as amended, (Enforcing agencies and MDEQ, LWMD)	Ongoing
Michigan Agricultural Environmental Assurance Program	Michigan Department of Agriculture	Investigation and remediation of pollution discharges from agricultural activities	Everywhere		Ongoing
Agricultural Pollution Complaint Response Program	Michigan Department of Environmental Quality	Investigation, remediation, compliance and enforcement of pollution discharges from agricultural activities	Everywhere	NREPA, PA 451, 1994 as amended (MDEQ)	Ongoing