

LWRM Program Annual Workplan

Reporting Year: **2015-19**
 County: **Polk**

			2015 - 2019
Goal	Workplan Objectives	Planned Actions	Anticipated outcomes
Protect water quality of groundwater, surface water, associated ecosystems	Prevent, control, or eliminate aquatic invasive species.	Monitor and provide technical assistance to support AIS management and prevention, including monitoring	Apply for at least 2 lake management grants, continue work on 2 existing lake grants and county-wide AIS grant, continue implementing statewide monitoring protocols on area lakes
		Educate public about curly leaf pondweed, Eurasian water milfoil, Japanese knotweed, mussels, mudsnails, carp, etc	Presentations at 10 schools, public events, 2 pontoon classrooms, 20 radio programs, lakes fair, continue educational aspects of AIS grant
		Assist lake organizations with management plans, CBCW, educational training	Continue work on existing lake management plans/projects with 5 lakes, CBCW training or program assistance for 5 lakes, provide technical assistance as needed.
		Work with Sheriff Dept to enforce Illegal to Transport Ordinance	Review Transport Ordinance enforcement with Sheriff Dept, schedule Deputy at a high visibility boat landing
		Protect lake shoreland with NR115, Shoreland Zoning, work with landowners and lake associations	Work with Zoning Dept to complete the rewrite of Shoreland Ordinance and BOA procedures, work with those entities regarding erosion and runoff control plans, mitigation, shoreland restorations plan reviews
	Limit phosphorus reaching surfacewater from agricultural land, implement NR151 runoff standards	Conduct transect survey	Conduct transect survey
		Notify landowners of non-compliant operations/fields	Inventory at least 1 livestock operation
		Write and review nutrient management plans and monitor compliance	Write nutrient management plans for at least 1 new farm
		Encourage conservation tillage on fields greater than "T"	Promote soil conservation at several local events, write farm soil conservation plans on at least 2 new farms
		Promote conservation and BMP's through costshare programs, WLI, and technical assistance	Administer AEA regarding program participation and compliance requirements, continue cost share programs and technical assistance, continue support to Horse Creek Watershed Council, edge-of-field monitoring, and incentives program

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		Provide training on nutrient management standards and erosion control for agricultural producers	Educate farmers regarding nutrient management and soil erosion control standards through newsletters, county fair display, radio broadcasts, farm and office visits to update existing nutrient management plans
		Continue to administer Manure and Water Quality Management Ordinance	Administer Manure and Water Quality Management Ordinance and close at least 1 idle manure pit
		Continue administration of Nonmetallic Mining Reclamation Ordinance	Administer NMMR Ordinance per NR135
		Assist Federal and State agencies with program implementation	Continue to work with NRCS, FSA, DATCP, DNR to promote conservation programs
		Collaborate with state efforts to achieve 20% reduction in total P loading to St. Croix Basin	Assist with Willow River Watershed and Lake St. Croix TMDL, conduct soil nutrient inventory and runoff calculations for Cedar Lake in the Horse Creek watershed, and edge of field P monitoring and Farmer Led Watershed Council
	Limit amount of non point runoff from urban stormwater	Continue administration of Stormwater and Erosion Control Ordinance	Continue administration of the county SWEC Ordinance, assist city of Amery in administration of their ordinance
		Continue to review subdivision plans	Review per Subdivision and SWEC Ordinances
		Encourage countywide well head protection program	Continue to encourage well head protection, properly abandon wells
		Implement nutrient management plans of county owned and public property >5ac.	Continue to explore possible public property sites for nutrient management
	Monitor water quality to avoid problems before they impact human health	Continue to apply for grants to monitor and study area lakes/rivers	Continue implementation of existing grants, apply for and obtain 1 grant to monitor water quality, continue to work with area lakes to monitor bluegreen algae, collect public beach water samples
		Assist departments, municipalities, lake associations/districts with water quality protection	Assist Zoning Dept, BOA, Highway Dept, lake associations/districts with projects, grants, rules, other technical assistance

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		Provide information and education to the public to promote good land and water stewardship	ConductAa least 6 presentations to schools, 5 field day presentations at DD Kennedy outdoor classroom, 10 radio programs, county fair, 2 pontoon classrooms
Protect shorelines, riparian areas, wetlands, aquatic plants, forests, farmland. and	Develop a county rivers classification system to moderate development on sensitive riparian areas	Work with other depts and agencies to compile data	Compile data on possible development of river classification system
		Incorporate a rivers classification system into Shoreland Protection Zoning Ordinance	Review potential benefits to the rivers of the county
	Prevent, control, or eliminate terrestrial invasive species	Conduct training for public and municipal construction and highway crews	Promote NRCS control programs for buckthorn, spotted knapweed, develop cooperative weed management area
		Provide technical assistance to public and county depts	Provide technical assistance to Highway Dept., Parks Dept, and town and city crews regarding terrestrial invasive species
	Work with Federal and State agencies to promote land conservation programs and natural area preservation	Promote SAFE, CRP, continuous CRP, WRP, WHIP, EQIP, and other programs	Continue cost share programs, work with federal and state agencies on conservation programs, implement 1 TRM grant project
Support and develop human resources in Polk County that manage our natural resources	Educate public to instill appreciation of natural resources	Work with Parks and Forestry Depts and Tourist Information Center to improve recreational opportunities for citizens and visitors	Presentations at 10 schools, 3 public events, and 15 radio programs
		Provide resources and website to the public for outdoor recreation information	Continue to provide surface and groundwater quality data on website, in literature, at public events and to office visitors
		Administer or assist with contests that promote soil conservation, youth awareness, natural resource education	Conduct county wide speaking and poster contest, assist with Tri-County Soil Judging contest
		Offer annual conservation tours	Conduct county tour for LCC and interested county board members

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		Give school talks and lead field trips	Presentations at 10 schools for Arbor Day, 3 field trips at DD Kennedy Environmental Center, Earth Day, county fair exhibits, lakes fairs
		Continue county cost share, tree sales, Adopt-a-Stream, and related education programs	Continue tree sales program, education programs, adopt-a-stream program
	Support volunteers and residents who properly manage natural resources by providing technical and financial assistance when possible	Continue technical assistance to private landowners	Continue to administer county and state cost share programs, promote federal cost share programs, provide technical assistance to at least 10 landowners
		Continue biannual landscaper/contractor training	Educate landscapers and contractors as needs arise, hold training certification workshop as needs arise
		Continue demonstration projects	Assist City of Amery with design and installation of stormwater demonstration program and administration of their ordinance
		Develop a policy to establish and maintain riparian vegetation on county property and municipalities to establish a similar policy	Promote county policy to maintain riparian vegetation on county property
	Protect the economic base of the County by reinvesting in natural resource conservation	Advertise slow-no-wake rule, phosphorus free fertilizer rule, promote 35 ft buffers and 30 ft viewing corridors	Continue to promote P free fertilizer rule, native shorelines, zoning regulations and overall functions of the county LWRD
		Work with Polk County Association of Lakes and Rivers to publish and distribute information	Continue to attend PCALR meetings and work with them to disseminate information promoting resource protection
Acronyms			
AEA=Agriculture Enterprise Area	AIS=Aquatic Invasive Species	P=Phosphorus	T=Tolerable soil loss
BOA=Board of Adjustment	BMP=Best Management Practice	CBCW=Clean Boats Clean Waters	CRP=Conservation Reserve Program
DATCP=Dept of Ag, Trade Consumer Protection	DNR=Dept of Natural Resources	EQIP=Environmental Quality Improvement Program	FSA=Farm Service Agency

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NRCS=Natural Resource Conservation Service	PCALR=Polk County Association of Lakes and Rivers	SAFE=State Acres For wildlife Enhancement	SWEC=Stormwater and Erosion Control
TMDL=Total Maximum Daily Load	TRM=Targeted Runoff Management	WHIP=Wildlife Habitat Incentive Program	WLI=Working Lands Initiative
WRP=Wetland Reserve Program	LWRM=Land and Water Resource Management		