

<b>Lake of the Woods County Implementation Schedule</b>	<b>Priority Concerns</b>
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<b>Priority 1 - Erosion and Sedimentation</b>						
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<b>Objective A: Lakeshore</b>						
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Timeline	Actions	Watershed	Lead Agency	Partners	Expenses	Fund
Ongoing	1. Protect and/or restore Pine and Curry Islands.	Lake of the Woods		SWCD, DNR, LWPO		Special Project Funding, MN Legislature, 319 Grant, Clean Water Legacy
Ongoing	2. Protect Garden Island from additional shoreline erosion.	Lake of the Woods		SWCD, DNR, LWPO		Special Project Funding, MN Legislature, 319 Grant, Clean Water Legacy
2008 - 2009	3. Inventory and prioritize shoreline erosion problems on Lake of the Woods.	Lake of the Woods	SWCD	DNR, LWPO	\$1,500	Special Project Funding, MN Legislature, 319 Grant, Clean Water Legacy
Ongoing	4. Educate landowners by promoting proper shoreline protection methods.	Lake of the Woods	SWCD	DNR, LWPO	\$1,000 yr.	Special Project Funding, MN Legislature, 319 Grant, Clean Water Legacy
Ongoing	5. Utilize existing cost-share programs to assist landowners with lakeshore protection projects.	Lake of the Woods	SWCD		\$16,000 yr.	BWSR Cost-Share
2008-2010	6. Complete groin mapping on southern shore and SHOAL mapping at Morris Point.	Lake of the Woods	DNR			

<b>Priority 1 - Erosion and Sedimentation</b>						
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<b>Objective B: Lake Level Management</b>						
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Timeline	Actions	Watershed	Lead Agency	Partners	Expenses	Fund
2010	1. Establishment of a permanent water level monitoring gauge in the Morris Point area.	Lake of the Woods	DNR	LOW County Board, MPCA, SWCD, LWPO		USACE, IJC, NRBG, DNR, MPCA, Challenge Grant
2012	2. Formation of a local interest group to provide input to the Lake of the Woods Control Board.	Lake of the Woods	SWCD, LWPO	LOW County Board, DNR, MPCA		USACE, IJC, NRBG, DNR, MPCA, Challenge Grant
Ongoing	3. Enhance communications and promote improved coordination with dam operators, IJC, and FEC by attending meetings.	Lake of the Woods	SWCD, LWPO	LOW County Board, DNR, MPCA		USACE, IJC, NRBG, DNR, MPCA, Challenge Grant
Ongoing	4. Explore other options for lowering water levels and reducing erosion.	Lake of the Woods	SWCD, LWPO	LOW County Board, DNR, MPCA		USACE, IJC, NRBG, DNR, MPCA, Challenge Grant
Ongoing	5. Actively participate in the Rainy River Basin Planning process.	Lake of the Woods	SWCD, LWPO	LOW County Board, DNR, MPCA		USACE, IJC, NRBG, DNR, MPCA, Challenge Grant
Ongoing	6. Review the effectiveness, fairness and efficiency the "1925 Lake of the Woods Convention and Protocol."	Lake of the Woods	SWCD, LWPO	LOW County Board, DNR, MPCA		USACE, IJC, NRBG, DNR, MPCA, Challenge Grant

<b>Priority 1 - Erosion and Sedimentation</b>						
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<b>Objective C: Rivers</b>						
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Timeline	Actions	Watershed	Lead Agency	Partners	Expenses	Fund
Ongoing	1. NRCS will increase EQIP projects that implement sedimentation reduction projects on agricultural lands.	Lake of the Woods, Lower Rainy, Rapid	NRCS	SWCD	\$100,000 yr.	EQIP
Ongoing	2. Utilize federal programs in conjunction with local priority areas.	Lake of the Woods, Lower Rainy, Rapid	NRCS	SWCD		EQIP
Ongoing	3. Provide education, workshops, and cost-share programs to assist landowners in completing stream bank stabilization projects.	Lake of the Woods, Lower Rainy, Rapid	NRCS, SWCD		\$20,000 yr.	SWCD Cost Share, Challenge Grant, LOW County, NRBG, Clean Water Legacy
Ongoing	4. Implement annual stream bank bioengineering/buffer workshop.	Lake of the Woods, Lower Rainy, Rapid	SWCD		\$1,000 yr.	SWCD Cost Share, Challenge Grant, LOW County, NRBG, Clean Water Legacy
2008-2012	5. Inventory and prioritize shoreline erosion problems.	Lake of the Woods, Lower Rainy, Rapid	SWCD		\$1,500	Challenge Grant, LOW County, NRBG, Clean Water Legacy

2012	6. Utilize the U of M's study conducted on Zippel Bay (2006) to implement solutions for watershed erosion and sedimentation problems.	Lake of the Woods	SWCD			Challenge Grant, LOW County, NRBG, Clean Water Legacy
Ongoing	7. Implement restoration projects on bays that have received increased sedimentation.	Lake of the Woods, Lower Rainy, Rapid	SWCD	PWD		SWCD Cost Share, Challenge Grant, LOW County, NRBG, Clean Water Legacy

**Priority 1 - Erosion and Sedimentation**

**Objective D: Ditch Systems**

Timeline	Actions	Watershed	Lead Agency	Partners	Expenses	Fund
2010	1. Complete an inventory of other public and select private ditch systems.	Lake of the Woods, Lower Rainy, Rapid	PWD	SWCD, LWPO, LOW MIS-GIS	\$20,000	Challenge Grant, LOW County, 319 Grant, Clean Water Legacy
2008-2010	2. Complete a culvert inventory.	Lake of the Woods, Lower Rainy, Rapid	PWD	SWCD, LWPO, LOW MIS-GIS	\$100,000	Challenge Grant, LOW County, NRBG, 319 Grant, Clean Water Legacy
2013-2015	3. Develop a county wide stormwater management plan.	Lake of the Woods, Lower Rainy, Rapid	PWD	SWCD, LWPO, LOW MIS-GIS	\$150,000	Challenge Grant, LOW County, NRBG, 319 Grant, Clean Water Legacy
Ongoing	4. Educate landowners and government officials on BMP's for maintenance of ditches.	Lake of the Woods, Lower Rainy, Rapid	SWCD, NRCS	LWPO	\$500 yr.	Challenge Grant, LOW County, NRBG, EQIP, 319 Grant, Clean Water Legacy
Ongoing	5. Utilize BMP's within it's Ditch Maintenance Policies and Procedures.	Lake of the Woods, Lower Rainy, Rapid	PWD			LOW County
Ongoing	6. Educate landowners and agriculture producers on the existence and extents of right-of-ways to assist in limiting disturbance of vegetation.	Lake of the Woods, Lower Rainy, Rapid	PWD	SWCD, NRCS, LWPO	\$500 yr.	Challenge Grant, LOW County, NRBG, 319 Grant, Clean Water Legacy
Ongoing	7. Educate landowners and government officials on conservation practices that can be used along ditches, watercourses and wetlands.	Lake of the Woods, Lower Rainy, Rapid	NRCS, SWCD	LWPO	\$500 yr.	Challenge Grant, LOW County, NRBG, EQIP, 319 Grant, Clean Water Legacy
Ongoing	8. Encourage landowners to utilize side water inlet controls, buffer strips and other BMP's.	Lake of the Woods, Lower Rainy, Rapid	PWD	SWCD, NRCS, LWPO		LOW County
Ongoing	9. Monitor priority watersheds to document the need for erosion control measures to prevent sedimentation in rivers and bays.	Lake of the Woods, Lower Rainy, Rapid	SWCD		\$2,000 yr.	Challenge Grant, LOW County, NRBG, 319 Grant, Clean Water Legacy, MPCA
Ongoing	10. Work to maintain funding for local beaver control efforts to prevent road damage and erosion.	Lake of the Woods, Lower Rainy, Rapid	PWD		\$15,000/yr	Challenge Grant, LOW County, 319 Grant, Clean Water Legacy
2010	11. Complete the Bostic Creek Challenge Grant addressing concerns in the Bostic Watershed.	Lake of the Woods	SWCD, LWPO	PWD	\$50,000	Challenge Grant, LOW County, NRBG, EQIP, 319 Grant, Clean Water Legacy

**Priority 1 - Erosion and Sedimentation**

**Objective E: Flood damage reduction**

Timeline	Actions	Watershed	Lead Agency	Partners	Expenses	Fund
2010-2012	1. Determine watershed boundaries utilizing culvert and ditch inventories.	Lake of the Woods, Lower Rainy, Rapid	PWD	SWCD, LOW MIS-GIS, LWPO, HRDC	\$100,000	LOW County, Challenge Grant, 319 Grant, Clean Water Legacy, DNR Waters FDR Grant
2013-2015	2. Develop a stormwater management plan that will utilize previously completed inventories.	Lake of the Woods, Lower Rainy, Rapid	PWD	LOW MIS-GIS, LWPO, HRDC	\$150,000	LOW County, Challenge Grant, 319 Grant, Clean Water Legacy, DNR Waters FDR Grant
Ongoing	3. Identify specific locations and sub-watersheds with a history or potential for flooding and related damage.	Lake of the Woods, Lower Rainy, Rapid	PWD	SWCD, LOW MIS-GIS, LWPO, HRDC		LOW County, Challenge Grant, 319 Grant, Clean Water Legacy, DNR Waters FDR Grant

Ongoing	4. Review and organize existing site data and perform hydrologic modeling for rainfall events.	Lake of the Woods, Lower Rainy, Rapid	SWCD			LOW County, Challenge Grant, 319 Grant, Clean Water Legacy, DNR Waters FDR Grant
Ongoing	5. Identify and implement necessary improvements in drainage infrastructure.	Lake of the Woods, Lower Rainy, Rapid	PWD	SWCD, LOW MIS-GIS, LWPO, HRDC	\$150,000/yr	LOW County, Challenge Grant, 319 Grant, Clean Water Legacy, DNR Waters FDR Grant
2012	6. Identify locations with the potential to be used as flood-water retention areas.	Lake of the Woods, Lower Rainy, Rapid	SWCD	SWCD, LOW MIS-GIS, LWPO, HRDC, PWD		LOW County, Challenge Grant, 319 Grant, Clean Water Legacy, DNR Waters FDR Grant
Ongoing	7. Promote land retirement programs where applicable.	Lake of the Woods, Lower Rainy, Rapid	SWCD	LWPO		LOW County, Challenge Grant, 319 Grant, Clean Water Legacy, DNR Waters FDR Grant
Ongoing	8. Review and update applicable zoning ordinances taking into consideration areas with known flooding problems.	Lake of the Woods, Lower Rainy, Rapid	LWPO	LOW MIS-GIS		LOW County, Challenge Grant, 319 Grant, Clean Water Legacy, DNR Waters FDR Grant
2018	9. Acquire LIDAR of the entire county to assist in locating areas prone to flooding and to help assist with remediation projects.	Lake of the Woods, Lower Rainy, Rapid	SWCD, LWPO	LOW MIS-GIS		LOW County, Challenge Grant, 319 Grant, Clean Water Legacy, DNR Waters FDR Grant

**Priority 1 - Erosion and Sedimentation**

**Objective F: Buffers and riparian corridors**

Timeline	Actions	Watershed	Lead Agency	Partners	Expenses	Fund
Ongoing	1. Inventory areas eligible for filter strips, field borders or riparian buffers utilizing GIS.	Lake of the Woods, Lower Rainy, Rapid	NRCS	SWCD	\$1,000	WRP, EQIP, CRP, RIM, LCMR, USACE Section 206 Grant, NRBG, LOW County
Ongoing	2. Prioritize sites with on erosion, water quality, and public value.	Lake of the Woods, Lower Rainy, Rapid	NRCS	SWCD, Extension		WRP, EQIP, CRP, RIM, LCMR, USACE Section 206 Grant, NRBG, LOW County
Ongoing	3. Contact landowners to inform them on the importance of buffers and funding opportunities.	Lake of the Woods, Lower Rainy, Rapid	NRCS	SWCD	\$1,000	WRP, EQIP, CRP, RIM, LCMR, USACE Section 206 Grant, NRBG, LOW County
Ongoing	4. Identify alternative buffer strip options for landowners.	Lake of the Woods, Lower Rainy, Rapid	NRCS	SWCD	500	WRP, EQIP, CRP, RIM, LCMR, USACE Section 206 Grant, NRBG, LOW County
Ongoing	5. Develop a local buffer strip program.	Lake of the Woods, Lower Rainy, Rapid	NRCS, SWCD	Extension	1000	WRP, EQIP, CRP, RIM, LCMR, USACE Section 206 Grant, NRBG, LOW County
Ongoing	6. Identify and contact qualifying landowners to encourage buffer installation.	Lake of the Woods, Lower Rainy, Rapid	NRCS, SWCD		1000	WRP, EQIP, CRP, RIM, LCMR, USACE Section 206 Grant, NRBG, LOW County
Ongoing	7. Re-establish a riparian corridor along the south shore of Lake of the Woods from Long Point west.	Lake of the Woods	NRCS, SWCD	DNR	750,000	WRP, EQIP, CRP, RIM, LCMR, USACE Section 206 Grant, NRBG, LOW County
Ongoing	8. Establish riparian corridors and buffers along intermittent or continuous flow rivers and streams.	Lake of the Woods, Lower Rainy, Rapid	NRCS, SWCD	DNR		WRP, EQIP, CRP, RIM, LCMR, USACE Section 206 Grant, NRBG, LOW County
Ongoing	9. Restore a channelized portion of Bostic Creek to a natural channel.	Lake of the Woods	SWCD, NRCS	DNR		WRP, EQIP, CRP, RIM, LCMR, USACE Section 206 Grant, NRBG, LOW County

**Priority 2 - Land Use Management**

**Objective A: Development pressures & shoreland impacts**

Timeline	Actions	Watershed	Lead Agency	Partners	Expenses	Fund
Ongoing	1. Review shoreland development patterns and current shoreland zoning requirements.	Lake of the Woods, Lower Rainy, Rapid	LWPO	LOW County, HRDC, SWCD		LOW County, NW MN Foundation, HRDC
Ongoing	2. Encourage increased setbacks and other alternatives for new developments.	Lake of the Woods, Lower Rainy, Rapid	LWPO	LOW County, HRDC, DNR		LOW County, NW MN Foundation, HRDC

Ongoing	3. Develop strategies to assist the Planning Commission, Board of Adjustment, and County Board with making sound resource decisions.	Lake of the Woods, Lower Rainy, Rapid	LWPO	HRDC		LOW County, NW MN Foundation, HRDC
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**Priority 2 - Land Use Management**

**Objective B: Ordinance updates and revisions**

Timeline	Actions	Watershed	Lead Agency	Partners	Expenses	Fund
Ongoing	1. Expand on-site inspections for compliance with zoning ordinances and shoreland regulations.	Lake of the Woods, Lower Rainy, Rapid	LWPO			NRBG, Inspection fees, LOW County, NW MN Foundation
Ongoing	2. Amend existing ordinances to regulate common interest communities.	Lake of the Woods, Lower Rainy, Rapid	LWPO	HRDC		NRBG, Inspection fees, LOW County, NW MN Foundation
Ongoing	3. Identify areas of concern where noncompliance may be threatening water resources.	Lake of the Woods, Lower Rainy, Rapid	LWPO	DNR, SWCD, HRDC		NRBG, Inspection fees, LOW County, NW MN Foundation
Ongoing	4. Review and update existing local ordinances where needed.	Lake of the Woods, Lower Rainy, Rapid	LWPO	DNR, HRDC		NRBG, Inspection fees, LOW County, NW MN Foundation
2010	5. Develop and adopt a county feedlot ordinance.	Lake of the Woods, Lower Rainy, Rapid	LWPO, SWCD	HRDC		NRBG, Inspection fees, LOW County, NW MN Foundation
Ongoing	6. Revise ordinances to increase the size of newly created lots.	Lake of the Woods, Lower Rainy, Rapid	LWPO	DNR, SWCD, HRDC		NRBG, Inspection fees, LOW County, NW MN Foundation
Ongoing	7. Encourage the county board to adopt ordinance language that supports septic inspections mandatory upon sale or transfer of property.	Lake of the Woods, Lower Rainy, Rapid	LWPO	DNR, SWCD, HRDC		NRBG, Inspection fees, LOW County, NW MN Foundation

**Priority 2 - Land Use Management**

**Objective C: Increased utilization of GIS as a resource management tool**

Timeline	Actions	Watershed	Lead Agency	Partners	Expenses	Fund
Ongoing	1. Continue shoreland monumentation and parcel mapping.	Lake of the Woods, Lower Rainy, Rapid				LOW County, NRBG, 319 Grant, Clean Water Legacy
2012	2. Conduct a culvert inventory and reassessment of minor watersheds.	Lake of the Woods, Lower Rainy, Rapid				LOW County, NRBG, 319 Grant, Clean Water Legacy
Ongoing	3. Determine additional data needs and collect/acquire data layers.	Lake of the Woods, Lower Rainy, Rapid				LOW County, NRBG, 319 Grant, Clean Water Legacy
Ongoing	4. Make data layers available for all resource management professionals in LOW County.	Lake of the Woods, Lower Rainy, Rapid				LOW County, NRBG, 319 Grant, Clean Water Legacy
2012	5. Utilize GIS to record permit and project locations and data.	Lake of the Woods, Lower Rainy, Rapid	LWPO			LOW County, NRBG, 319 Grant, Clean Water Legacy
Ongoing	6. Utilize GIS in making land use planning decisions.	Lake of the Woods, Lower Rainy, Rapid	LWPO			LOW County, NRBG, 319 Grant, Clean Water Legacy
2010	7. Preserving historical photography with GIS.	Lake of the Woods, Lower Rainy, Rapid	NRCS	SWCD, LWPO	\$30,000	LOW County, NRBG, 319 Grant, Clean Water Legacy
Ongoing	8. Utilize GIS for Cost Share Projects.	Lake of the Woods, Lower Rainy, Rapid	SWCD, NRCS			LOW County, NRBG, 319 Grant, Clean Water Legacy

**Priority 2 - Land Use Management**

**Objective D: Protect unique features and areas of high public value**

Timeline	Actions	Watershed	Lead Agency	Partners	Expenses	Fund
Ongoing	1. Inventory and prioritize areas eligible for easements.	Lake of the Woods, Lower Rainy, Rapid	LWPO			NRBG
Ongoing	2. Lobby to be able to better utilize existing programs.	Lake of the Woods, Lower Rainy, Rapid	LWPO	HRDC		LOW County
2012	3. Develop a local program, complimenting existing programs where possible, and administer with the local buffer strip program.	Lake of the Woods, Lower Rainy, Rapid	LWPO	DNR, SWCD, HRDC		LOW County, NRBG, RIM, WRP, State Wetland Banking Program

Ongoing	4. Prevent outside interests from regulating/utilizing the water flowing into and out of Lake of the Woods County that would be detrimental to the natural resources of the county.	Lake of the Woods, Lower Rainy, Rapid	LWPO	DNR, HRDC		LOW County, NRBG
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**Priority 2 - Land Use Management**

**Objective E: Recreational management plan:**

Timeline	Actions	Watershed	Lead Agency	Partners	Expenses	Fund
2011	1. Organize a stakeholder group.	Lake of the Woods, Lower Rainy, Rapid		LWPO, SWCD, Extension, DNR, Tourism Office, CAT-Y/R		DNR, Challenge Grant
2015	2. Acquire funding and develop plan.	Lake of the Woods, Lower Rainy, Rapid		LWPO, SWCD, Extension, DNR, Tourism Office,		DNR, Challenge Grant
Ongoing	3. Develop additional public landings and recreation areas within the county.	Lake of the Woods, Lower Rainy, Rapid	DNR	LWPO, SWCD, Tourism Office		DNR, Challenge Grant
Ongoing	4. Utilize the Highway 11 Committee to enhance the natural resources along the Rainy River corridor.	Lake of the Woods, Lower Rainy, Rapid		SWCD, LWPO, Extension, DNR		DNR, Challenge Grant
2013	5. Organize an ATV Stakeholder Group to assist with trail mapping, inventory, and maintenance.	Lake of the Woods, Lower Rainy, Rapid	DNR	Tourism Office		DNR, Challenge Grant
2012	6. Community Action Team: Youth and Recreation Committee.	Lake of the Woods, Lower Rainy, Rapid	CAT-Y/R	Tourism Office		DNR, Challenge Grant

**Priority 3 - Sewage Treatment Systems and Other Potential Sources of Water Contamination**

**Objective A: Community systems**

Timeline	Actions	Watershed	Lead Agency	Partners	Expenses	Fund
2013	1. Conduct median household income survey.	Lake of the Woods, Lower Rainy, Rapid		LWPO, Midwest Assistance Program, MPCA		USDA Rural Development Grant, WIF, ACOE 569, PFA
2020	2. Utilize the conducted feasibility study of established WPSD to move to implementation.	Lake of the Woods, Lower Rainy	WPSD	LWPO, Midwest Assistance Program, MPCA		USDA Rural Development Grant, WIF, ACOE 569, PFA
2012	3. Expand the boundaries of the Wheelers Point Sanitary District.	Lake of the Woods, Lower Rainy	WPSD	LWPO, Midwest Assistance Program, MPCA		USDA Rural Development Grant, WIF, ACOE 569, PFA
2008	4. Wheelers Point Sanitary District will seek to obtain funding.	Lake of the Woods, Lower Rainy	WPSD	LWPO, Midwest Assistance Program, MPCA		USDA Rural Development Grant, WIF, ACOE 569, PFA
2020	5. Wheelers Point Sanitary District will install the system.	Lake of the Woods, Lower Rainy	WPSD	LWPO, Midwest Assistance Program, MPCA		USDA Rural Development Grant, WIF, ACOE 569, PFA

**Priority 3 - Sewage Treatment Systems and Other Potential Sources of Water Contamination**

**Objective B: Areas of concern (Rocky Point, Birch Beach, Sandy Shores, Bostic, & Islands)**

Timeline	Actions	Watershed	Lead Agency	Partners	Expenses	Fund
Ongoing	1. Identify other areas of the county currently in need of community sewer systems.	Lake of the Woods, Lower Rainy, Rapid	LWPO	MPCA, Extension, MAP		USDA Rural Development Grant, WIF, ACOE 569, PFA
Ongoing	2. Hold informational meetings.	Lake of the Woods, Lower Rainy, Rapid	LWPO	MPCA, Extension, MAP		USDA Rural Development Grant, WIF, ACOE 569, PFA
2012	3. Improve land use planning efforts.	Lake of the Woods, Lower Rainy, Rapid	LWPO	MPCA, Extension, MAP		USDA Rural Development Grant, WIF, ACOE 569, PFA
Ongoing	4. Conduct feasibility studies, obtain funding, and develop community systems where applicable.	Lake of the Woods, Lower Rainy, Rapid	LWPO	MPCA, Extension, MAP		USDA Rural Development Grant, WIF, ACOE 569, PFA
Ongoing	5. Research and promote cluster/community system designs in the county.	Lake of the Woods, Lower Rainy, Rapid	LWPO	MPCA, Extension, MAP		USDA Rural Development Grant, WIF, ACOE 569, PFA
Ongoing	6. Promote utilization of these systems where a surface or ground water pollution potential exists.	Lake of the Woods, Lower Rainy, Rapid	LWPO	MPCA, Extension, MAP		USDA Rural Development Grant, WIF, ACOE 569, PFA
Ongoing	7. Determine if human waste from fisherpersons is a concern for water quality and implement strategies to educate and regulate.	Lake of the Woods, Lower Rainy	LWPO	MPCA, Extension, MAP		USDA Rural Development Grant, WIF, ACOE 569, PFA

Ongoing	8. Research feasibility of performance septic systems.	Lake of the Woods, Lower Rainy, Rapid	LWPO	MPCA, Extension, MAP		USDA Rural Development Grant, WIF, ACOE 569, PFA
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**Priority 3 - Sewage Treatment Systems and Other Potential Sources of Water Contamination**

**Objective C: Other pollution risks**

Timeline	Actions	Watershed	Lead Agency	Partners	Expenses	Fund
2010	1. Implement education program on ordinance updates and new rules.	Lake of the Woods, Lower Rainy, Rapid	LWPO			LOW County general fund or permit and inspection fees (in-kind), Ag BMP, MPCA CWL.
2015	2. Complete and maintain inventory of non-conforming on-site sewage systems.	Lake of the Woods, Lower Rainy, Rapid	LWPO			LOW County general fund or permit and inspection fees (in-kind), Ag BMP, MPCA CWL.
Ongoing	3. Investigate funding mechanisms that may exist to aid in upgrading systems and continue with Ag BMP loans as a funding source.	Lake of the Woods, Lower Rainy, Rapid	LWPO			LOW County general fund or permit and inspection fees (in-kind), Ag BMP, MPCA CWL.
2010	4. Select enforcement procedures.	Lake of the Woods, Lower Rainy, Rapid	LWPO			LOW County general fund or permit and inspection fees (in-kind), Ag BMP, MPCA CWL.

**Priority 4 - Water Quality**

**Objective A: Surface water**

Timeline	Actions	Watershed	Lead Agency	Partners	Expenses	Fund
2008-2010	1. Perform as the lead agency for the Baudette Estuary TMDL Study.	Lower Rainy	SWCD	MPCA	\$106,000	MPCA, Clean Water Legacy
2008-2010	2. Continue to assist MPCA on the Williams Creek TMDL with data collection with the delisting process.	Lake of the Woods	SWCD	MPCA	\$20,000	NRBG, Clean Water Legacy, MPCA Agreement
Ongoing	3. Assist with the Lake of the Woods TMDL studies and implementation projects.	Lake of the Woods	SWCD	MPCA		NRBG, Challenge Grant, CWP Grant, 319 Grant, Clean Water Legacy
Ongoing	4. Work with other agencies on TMDL studies and implementation projects.	Lake of the Woods, Lower Rainy	SWCD	MPCA		NRBG, Challenge Grant, CWP Grant, 319 Grant, Clean Water Legacy
Ongoing	5. Continue coordination with Canadian agencies to address multinational water quality concerns.	Lake of the Woods, Lower Rainy, Rapid	SWCD	MPCA		NRBG, Challenge Grant, CWP Grant, 319 Grant, Clean Water Legacy
Ongoing	6. Continue to implement the Lake of the Woods County Water Quality Monitoring Plan.	Lake of the Woods, Lower Rainy, Rapid	SWCD	MPCA, DNR		NRBG, Challenge Grant, CWP Grant, 319 Grant, Clean Water Legacy
2010	7. Coordinate with MPCA to get all SWCD water monitoring data on STORET.	Lake of the Woods, Lower Rainy, Rapid	SWCD	MPCA	\$750	NRBG, Challenge Grant, CWP Grant, 319 Grant, Clean Water Legacy
Ongoing	8. Encourage the IJC to establish a pollution board on Lake of the Woods.	Lake of the Woods	SWCD	MPCA, LWPO		
Ongoing	9. Continue to work with Feedlot owners assisting them into compliance.	Lake of the Woods, Lower Rainy, Rapid	SWCD	MPCA		NRBG, Challenge Grant, CWP Grant, 319 Grant, Clean Water Legacy, BWSR C-S
2009	10. Monitor down stream of feedlot cost share sites to determine effectiveness of feedlot projects.	Lake of the Woods, Lower Rainy	SWCD	MPCA	\$1,500	NRBG, Challenge Grant, CWP Grant, 319 Grant, Clean Water Legacy, MPCA
2011	11. Initiate water quality investigations on the north and south branches of the Rapid River, and the Bostic and Baudette minor watersheds.	Lake of the Woods, Lower Rainy, Rapid	SWCD	MPCA, DNR, LWPO		NRBG, Challenge Grant, CWP Grant, 319 Grant, Clean Water Legacy.

**Priority 4 - Water Quality**

**Objective B: Groundwater**

Timeline	Actions	Watershed	Lead Agency	Partners	Expenses	Fund
Ongoing	1. Continue abandoned well sealing cost-share programs.	Lake of the Woods, Lower Rainy, Rapid	SWCD, NRCS		\$2,500 yr.	BWSR C-S, EQIP, NRBG
Ongoing	2. Hold and sponsor an annual well water testing clinic.	Lake of the Woods, Lower Rainy, Rapid	SWCD	MDH, LWPO	\$1,000 yr.	NRBG

Ongoing	3. Educate landowners of the proper procedures and importance of sealing abandoned wells.	Lake of the Woods, Lower Rainy, Rapid	SWCD	NRCS, MDH		NRBG
Ongoing	4. Provide education to County residents on the proper disposal of household hazardous wastes.	Lake of the Woods, Lower Rainy, Rapid	PWD, SWCD	MDH, LWPO	\$500/yr	City of Baudette, LOW County, NRBG
Ongoing	5. Assist candidates with Well Head Protection guidelines and developing a wellhead protection plan.	Lake of the Woods, Lower Rainy, Rapid	MDH, LWPO	City of Baudette, Anchor Bay Park,		City of Baudette, LOW County, 319 Grant, Clean Water Legacy, PFA, NRBG
Ongoing	6. Promote source water protection for public and private water consumption.	Lake of the Woods, Lower Rainy, Rapid	MDH, LWPO	City of Baudette, Anchor Bay Park,		City of Baudette, LOW County, 319 Grant, Clean Water Legacy, PFA, NRBG

**Priority 4 - Water Quality**

**Objective C: Wetlands**

Timeline	Actions	Watershed	Lead Agency	Partners	Expenses	Fund
2008	1. Utilize the County's Wetland Management Plan to implement WCA.	Lake of the Woods, Lower Rainy, Rapid	LWPO, SWCD	HRDC, BWSR		LOW County, NRBG
Ongoing	2. Encourage the US Army Corp of Engineers to accept the Lake of the Woods County Wetland Management.	Lake of the Woods, Lower Rainy, Rapid	LWPO, SWCD	HRDC, BWSR		LOW County, NRBG
Ongoing	3. Continue coordination between wetland regulatory entities by holding monthly TAC meetings.	Lake of the Woods, Lower Rainy, Rapid	LWPO, SWCD	HRDC, BWSR		LOW County, NRBG
Ongoing	4. Promote wetland regulatory simplification.	Lake of the Woods, Lower Rainy, Rapid	LWPO, SWCD	HRDC, BWSR		LOW County, NRBG
Ongoing	5. Distribute informational brochure to be made available at local governmental offices.	Lake of the Woods, Lower Rainy, Rapid	LWPO, SWCD	HRDC, BWSR		LOW County, NRBG
Ongoing	6. Publish articles in the local newspapers to improve public awareness on WCA rule changes.	Lake of the Woods, Lower Rainy, Rapid	LWPO, SWCD	HRDC, BWSR		LOW County, NRBG
Ongoing	7. Post local wetland regulatory information on the County and SWCD website.	Lake of the Woods, Lower Rainy, Rapid	LWPO, SWCD	HRDC, BWSR		LOW County, NRBG
2013-2015	8. Implement restorations on abandon county gravel pits for wetland banking potential.	Lake of the Woods, Lower Rainy, Rapid	LWPO, SWCD	HRDC, BWSR	\$150,000	LOW County, NRBG

**Priority 4 - Water Quality**

**Objective D: Stormwater**

Timeline	Actions	Watershed	Lead Agency	Partners	Expenses	Fund
Ongoing	1. Work with city officials for improvement of municipal stormwater management.	Lake of the Woods, Lower Rainy	Cities of Baudette and Williams, PWD	LWPO, MPCA, SWCD		MPCA, EPA, 319 Grant, Clean Water Legacy.
2012	2. Develop a long term plan for development of stormwater treatment systems for the cities of Baudette and Williams.	Lake of the Woods, Lower Rainy	Cities of Baudette and Williams, PWD	LWPO, MPCA, SWCD		MPCA, EPA, 319 Grant, Clean Water Legacy.
Ongoing	3. Support efforts by these cities to obtain state or federal funding.	Lake of the Woods, Lower Rainy	Cities of Baudette and Williams, PWD	LWPO, MPCA, SWCD		MPCA, EPA, 319 Grant, Clean Water Legacy.
	4. Cooperate with any programs initiated by these cities, or encourage programs to be developed, to monitor stormwater quality.	Lake of the Woods, Lower Rainy	Cities of Baudette and Williams, PWD	LWPO, MPCA, SWCD		MPCA, EPA, 319 Grant, Clean Water Legacy.
Ongoing	5. Promote and educate individuals, developers, commissioners, and general public on properly treated stormwater.	Lake of the Woods, Lower Rainy, Rapid	LWPO	MPCA, SWCD		MPCA, EPA, 319 Grant, Clean Water Legacy.
2015	6. Develop a stormwater management plan that will utilize previously completed inventories.	Lake of the Woods, Lower Rainy, Rapid	PWD	LWPO, MPCA, SWCD		MPCA, EPA, 319 Grant, Clean Water Legacy.

**Priority 4 - Water Quality**

**Objective E: Invasive & exotic species**

Timeline	Actions	Watershed	Lead Agency	Partners	Expenses	Fund
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Ongoing	1. Increase educational efforts to inform resident and non-resident fishermen of exotic species.	Lake of the Woods, Lower Rainy, Rapid	DNR	Extension, SWCD	MPCA, DNR, EQIP, Challenge Grant, 319 Grant, Clean Water Legacy
Ongoing	2. Educate local businesses to inspect their clients' boats and trailers as well as used boats purchased outside the County, especially those originating in the Great Lakes area.	Lake of the Woods, Lower Rainy, Rapid	DNR	Extension, SWCD	MPCA, DNR, EQIP, Challenge Grant, 319 Grant, Clean Water Legacy
2009	3. Start an exotic species awareness month promotion.	Lake of the Woods, Lower Rainy, Rapid	DNR	Extension, SWCD	MPCA, DNR, EQIP, Challenge Grant, 319 Grant, Clean Water Legacy
Ongoing	4. Utilize the Rainy Basin Planning process to promote increased efforts to prevent the spread of exotic species into/out of the basin.	Lake of the Woods, Lower Rainy, Rapid	DNR, LWPO	Extension, SWCD	MPCA, DNR, EQIP, Challenge Grant, 319 Grant, Clean Water Legacy

**Priority 5 - Education**

**Objective A: Educate students, landowners, and government officials on conservation practices, water quality, erosion and sedimentation, land use management, ISTS, Best Management Practices, and wetland resources.**

Timeline	Actions	Watershed	Lead Agency	Partners	Expenses	Fund
Ongoing	1. Continue to establish and assist Lake of the Woods School River-Watch.	Lower Rainy	SWCD	LWPO, MPCA, LOW School	\$500 yr.	NRBG, MPCA
Ongoing	2. Continue to support and expand local student involvement in the Envirothon.	Lake of the Woods, Lower Rainy, Rapid	SWCD	LOW School		NRBG, MPCA
Ongoing	3. Continue Take-A-Kid-Fishing, Senior Fishing, and MinnAqua programs.	Lake of the Woods, Lower Rainy, Rapid		DNR		DNR, ???
Ongoing	4. Continue SWCD and DNR involvement in LOW high school environmental projects.	Lake of the Woods, Lower Rainy, Rapid	SWCD, DNR	LWPO, MPCA		NRBG, DNR, MPCA
Ongoing	5. Continue Lake of the Woods County Fair Booth Conservation Educational Displays.	Lake of the Woods, Lower Rainy, Rapid	SWCD, DNR		\$100 yr.	NRBG, DNR, MPCA
Ongoing	6. Support the establishment of the Water Resources Center at Rainy River Community College.	Lake of the Woods, Lower Rainy, Rapid	SWCD	MPCA, LWPO		NRBG, MPCA
2010	7. Develop and work with the school for the development of a school grounds educational program.	Lake of the Woods, Lower Rainy, Rapid	SWCD	DNR, LOW School		NRBG, DNR
Ongoing	8. Continue to develop and implement adult targeted educational programs.	Lake of the Woods, Lower Rainy, Rapid	SWCD	LWPO, DNR, Extension, LOW School, MPCA	\$100 yr.	NRBG, DNR, MPCA
Ongoing	9. Continue to publish and distribute a biannual newsletter.	Lake of the Woods, Lower Rainy, Rapid	SWCD		\$2,000 yr.	NRBG
2009	10. Work with the continuing education program at the school.	Lake of the Woods, Lower Rainy, Rapid	SWCD	LOW School		NRBG
Ongoing	11. Continue to provide livestock producers with informational workshops and trainings.	Lake of the Woods, Lower Rainy, Rapid	SWCD	Extension	\$100 yr.	NRBG, MPCA
Ongoing	12. Develop and maintain a Lake of the Woods County Soil and Water Conservation District Website.	Lake of the Woods, Lower Rainy, Rapid	SWCD		\$300 yr.	NRBG
2008	13. Increase invasive species education in the County.	Lake of the Woods, Lower Rainy, Rapid	DNR, SWCD	Extension, MPCA, LWPO		NRBG, DNR, MPCA
Ongoing	14. Work with Woodland Advisor Program to offer trainings in the county.	Lake of the Woods, Lower Rainy, Rapid	SWCD	Extension	\$200 yr.	NRBG
Ongoing	15. Work with Giziibii RC&D to continue conservation education including the Private Woodlands Management Project.	Lake of the Woods, Lower Rainy, Rapid	SWCD	Extension	\$1,000	NRBG