

<b>TRI-LAKES MANAGEMENT PLAN</b>		
<b><u>AQUATIC SPECIES MANAGEMENT: GOALS and ACTIONS ITEMS</u></b>	<b><u>WHO</u></b>	<b><u>WHEN</u></b>
<b>Machine harvest aquatic plants to improve water quality, to provide safe boating areas, and to improve aquatic habitat.</b>		
1. Harvest maps will be followed by harvesting crew. Areas in the lake 6 feet deep or greater will be harvested as needed to a depth of 5 feet. Areas shallower than 6 feet deep can have a harvested path of 60 feet wide with a harvest depth of 4 feet or less. The path will get no closer to the shoreline than the docks. No machine harvesting in the areas between the shoreline and the ends of the boat docks. A 30-foot wide path may be hand-harvested in these areas by the property owner. Harvest period will be between mid-May and end of September.	Tri-Lakes Mgmt District	annually
2. Conservacy areas will be marked on the harvest maps.	Tri-Lakes Mgmt District	annually
<b>Monitor the harvesting of aquatic plants.</b>		
1. WDNR representative and a Tri-Lakes Management representative will meet annually to inspect the harvesting operations.	Tri-Lakes Mgmt District WDNR	annually
2. Record the pounds of aquatic plants removed by taking an average weight of a trailer-full of plants harvested and multiplying this by the number of trailer loads. This will be documented and reported to the WDNR Aquatic Plant Specialist by 12/31.	Tri-Lakes Mgmt District	annually
3. Composite samples will be taken randomly from the harvested plans (per protocol provided by the WDNR) and sent to a certified lab to measure the phosphorus content. This is done to determine the amount of phosphorus being removed from the lakes by harvesting plants.	Tri-Lakes Mgmt District WDNR	annually
4. Add GPS system to harvester to improve efficiency. Explore alternative product for marine application for better efficiency.	Tri-Lakes Mgmt District	ongoing
<b>Eliminate the use of chemicals to control aquatic plants to improve water quality. This excludes noxious weed and invasive plant control.</b>		
1. Educate individuals on aquatic plant control methods by placing article developed by Adams LWCD in Lake Association communications.	Lake Associations Adams LWCD	annually

<b>Update 2006 Aquatic Plant Community Survey</b>		
1. WDNR Lake Classification grant specifies aquatic plant survey to be conducted. Aquatic plants to be identified and quantified. Completed in 2006; Camelot completed 2009; Arrowhead completed in 2010. Sherwood completed in 2011. Camelot completed in 2013. Arrowhead & Sherwood completed 2014. Reports posted on Adams County LWCD website.	Adams County LWCD WDNR	2014
<b>Prevent the spread of &amp; try to eliminate invasive &amp; noxious species.</b>		
1. Invasive plants and noxious weeds will be mapped annually & in full aquatic plant surveys.	Adams County LWCD, WDNR	annually
2. Develop & implement plan to: control existing exotic, invasive & noxious species; and prevent the introduction of exotic, invasive and noxious species. This plan will include both educational & boat inspection components. CBCW program started in 2010 & has continued every summer since then.	Adams County LWCD WDNR Tri-Lakes Mgmt District private consultants	ongoing
3. Make annual contacts with boat dealers, boat patrol & water ski team & landscapers regarding methods to prevent spread of invasives.	Tri-Lakes Mgmt District	annually
4. Pursue financial assistance for implementation of prevention & control plan.	Adams County LWCD, WDNR Tri-Lakes Mgmt District Private Consultants	December 1 each year
5. Recontact Adams County Parks Committee to pursue installing boat washing equipment at public boat landings.	Adams LWCD & Parks Tri-Lakes Mgmt District	2016-2017
6. Control Purple Loosestrife using pulling, chemical spot treatments & bio-controls.	Adams LWCD, others	Ongoing
<b>TRI-LAKES MANAGEMENT PLAN</b>		
<b><u>AQUATIC SPECIES MANAGEMENT: GOALS and ACTIONS ITEMS (con'td)</u></b>		
	<b><u>WHO</u></b>	<b><u>WHEN</u></b>
<b>Manage impacts to lakes resulting from the zebra mussel invasion.</b>		
1. Arrange for a series of articles & provide material to the Wisconsin Rapids newspaper, Adams-Friendship newspaper, fishing clubs & lake associations.	Tri-Lakes Mgmt District	ongoing

2. Use volunteer group to provide education.	Tri-Lakes Mgmt District Lake Associations	ongoing
3. Develop an advertisement to be placed in lake association newsletters & local newspapers to notify the public that there are zebra mussels in Lakes Arrowhead & Camelot & Sherwood.	Tri-Lakes Mgmt District Adams LWCD, WDNR	ongoing
4. Seek funding from AIS grant for boat launch attendant through the Clean Boats, Clean Waters program.	Tri-Lakes Mgmt District Adams LWCD, WDNR	ongoing
<b>Monitor the impact of zebra mussels.</b>		
1. Monitor zebra mussel research on control methods.	Tri-Lakes Mgmt District Adams LWCD, WDNR	annually
2. Improve coordination and communications with WDNR Specialist & Adams LWCD.	Tri-Lakes Mgmt District Adams LWCD, WDNR	annually
<b><u>DAMS: GOALS and ACTIONS ITEMS</u></b>		
<b><u>WHO</u></b>		
<b><u>WHEN</u></b>		
<b>Maintain and operate Arrowhead, Sherwood, and Camelot Dams to: insure public safety, proper dam function, and a stable lake level.</b>		
1. Conduct inspections and record findings as specified in WDNR standards	engineer certified by Nat'l Assoc. of Prof. Eng.	per DNR schedule
2. Operate, inspect, and repair dams to meet Wisconsin laws in State Statute Chapter 31 and NR Chapter 330.	Adams LWCD	at least 3 times/wkly
3. Review and update the Emergency Action Plan.	Adams LWCD	annually
4. Implement the Emergency Action Plan in times of emergencies. Evacuation route signs added in 2014 by Adams County.	County Board Chair, LWCD Emer Mgmt, Town of Rome	as needed
5. Maintain water level gauges that are placed on the sides of the water flow control structures. These gauges will be the official tool used to determine lake levels. Lake level information may be obtained on line starting Juen 2010.	Adams LWCD	ongoing
6. Maintain history of levels; data can be obtained from Adams County LWCD at 608-339-4268.	Adams LWCD	annually

<b><u>RECREATION: GOALS and ACTION ITEMS</u></b>	<b><u>WHO</u></b>	<b><u>WHEN</u></b>
<b>Manage lakes for boating and skiing.</b>		
1. Provide areas for boating/skiing as part of the harvest plan.	Tri-Lakes Mgmt District	ongoing
2. Regulate lake traffic to increase lake safety. This will be accomplished by implementing & enforcing state laws, county and town ordinances. Pursue 2nd boat purchase & increase awareness with Town of Rome.	Town of Rome WDNR	ongoing
3. Implement methods of enforcing state laws, county and town ordinances. Methods may include anonymous tips hotline, goodwill ambassador groups, & education. Once methods have been identified, develop strategy to implement.	Tri-Lakes Mgmt District Town of Rome	ongoing
4. Install no-wake buoys 100 feet off the face of the dams shortly after ice-out.	Adams County LWCD	ongoing
<b>Manage lakes for fishing.</b>		
1. Work with WDNR Fisheries Biologist about stocking bass, panfish & forage fish in the lakes as funding allows.	Lake Associations Tri-Lakes Mgmt District	ongoing
2. Educate lake users about VHS & bait rules. Contact bait shops also.	Tri-Lakes Mgmt District Adams LWCD	ongoing
3. Educate lake users about improve littoral & riparian zones to improve fish habitat as long as navigation not impeded. Permit may be required.	Tri-Lakes Mgmt District	ongoing
<b>Manage lakes for swimming.</b>		
1. IMaintain safety of public swim area on Camelot Lake by marking with buoys	Town of Rome Adams Park & Rec.	ongoing
2. Report any illnesses from blue-green algae to <a href="http://www.dhs.wi.gov/eh/bluegreenalgae">www.dhs.wi.gov/eh/bluegreenalgae</a>	Tri-Lakes Mgmt District	ongoing
<b>Improve and develop parks associated with the Tri-Lakes</b>		
1. Coordinate efforts to develop plan to improve and develop Tri-Lakes parks. Improvements include adding boat washing stations & containers to dispose of unused bait & aquatic plants at boat landings.	Town of Rome Adams Park & Rec. Lake Associations	ongoing

<b>TRI-LAKES MANAGEMENT PLAN</b>		
<b><u>NUTRIENT REDUCTION: GOALS and ACTION ITEMS</u></b>	<b><u>WHO</u></b>	<b><u>WHEN</u></b>
<b>Reduce phosphorus and ammonia entering groundwater that then enters into Tri-Lakes.</b>		
1. Inventory and map septic systems within the Tri-Lakes Management District. Manage system to notify owners (pre-7/1/1992) to pump septic systems.	Tri-Lakes Mgmt District	ongoing
2. Verify county & state-approved method of sanitary disposal on camping lots.	Town of Rome	ongoing
<b>Reduce nutrients entering the Tri-Lakes by surface water.</b>		
1. Continue upstream ditch testing started in 2007 and augmented in 2014, testing for phosphorus, nitrogen, chloride & total suspended solids, as well as flow amount. Use information to identify problem areas & develop practices to address input.	Adams LWCD Tri-Lakes Mgmt District	ongoing
2. Conduct shore habitat assessment around lakes & streams in watershed, using WDNR protocol.	Adams LWCD Tri-Lakes Mgmt District	2017-2018
3. Use information to develop plans to address identified problems areas.	Adams LWCD Tri-Lakes Mgmt District Lake Associations	2018-2019
4. Educate shoreline owners on the benefits of riparian buffers and storm water runoff management utilizing meetings, newsletters, and individual visits.	Tri-Lakes Mgmt District Adams LWCD, P & Z	ongoing
5. Plan/design & offer cost share to install shoreline protection, riparian buffers, and storm water runoff management to areas identified in inventory. Utilize Adams Soil & Water Resource Mgmt Program & WDNR financial assistance programs. Cost-sharing grants may be available to help.	Adams LWCD WDNR, landowners Lake associations	ongoing
6. Assist lakeshore property owners with Shoreland Protection Ordinance riparian compliance. Cost-sharing grants available to help. Compliance deadline is July 1, 2015.	Tri-Lakes Mgmt District Adams LWCD	ongoing
7. Monitor methods for sanitary disposal for year-round campers. Review town ordinance.	Town of Rome Adams County	ongoing
8. Develop compliance plan for shoreland protection buffer conformance, including plan for dealing with beach clubs.	Adams P & Z	2017-2018

<b><u>WATER QUALITY: GOALS and ACTION ITEMS</u></b>	<b><u>WHO</u></b>	<b><u>WHEN</u></b>
<b>Reduce algae blooms and nutrient levels.</b>		
1. Utilize the Citizen Monitoring Program to monitor water quality to measure water clarity, chlorophyll-a and total phosphorus.	Adams LWCD, Lake Assoc Tri-Lakes Mgmt District	ongoing
2. Monitor water quality at six sites in the upper watershed. Monitor flow rates at 3 sites	Adams LWCD Tri-Lakes Mgmt District	ongoing
3. Monitor additional 16 sites in the lakes (Arrowhead-4, Camelot-8, Sherwood-4) in the lakes and 2 toes drains at each dam.	Adams LWCD Tri-Lakes Mgmt District Lake Associations	ongoing
4. Work with the WDNR to learn new solutions as they become available. Utilize WDNR website as well as Lake Specialist at Adams LWCD.	Tri-Lakes Mgmt District	ongoing
5. Evaluate water quality report produced by UWSP & identify action plan.	Tri-Lakes Mgmt District	2015-2016
<b>Educate community and public about ways to improve water quality.</b>		
1. Write and publish informational articles in lake association newsletters, and .in Wis Rapids Tribune. Also post to websites & distribute mterials at public events & Tri-Lakes Annual Meeting. Combine family activity days to reach a wider & younger audiences.	Adams LWCD Lake Associations Tri-Lakes Mgmt District	ongoing
2. Distribute landowner packet of information prepared by Adams County LWCD to waterfront property owners.	Tri-Lakes Mgmt District	ongoing
3, Educate public about proper disposal of prescription drugs.	Tri-Lakes Mgmt District	ongoing
4. Establish website to serve as portal of information to the proper owners.	Tri-Lakes Mgmt District	2014 completed
<b>Practice proper land use utilizing Comprehensive Plans and Zoning</b>		
1. Within the Tri-Lakes watershed, continue to implement existing township comprehensive plan. Planning Commmission will be reviewing regularly.	Town of Rome Tri-Lakes Mgmt District	annually
2. Encourage smart growth plan development by attending town meetings in those towns within the Tri-Lakes watershed who do not have comprehensive plans.	Adams County P & Z	ongoing

<b><u>LAKE LEVELS: GOALS and ACTION ITEMS</u></b>	<b><u>WHO</u></b>	<b><u>WHEN</u></b>
<b>Maintain lake levels that enhance water quality and meet the requirements of Wisconsin Statute Chapter 31.</b>		
1. Operate dams to maintain lake levels and outflows as stated by WDNR. These levels are These operating levels are listed in Adams County I.O.M Plan (Inspection, Operation & Maintenance Plan). See Appendix G	Adams LWCD	ongoing
2. Investigate groundwater net flow around and through dams and determine what nutrient content the flow contains. Take water samples from toe drains for phosphorus content. Present findings to WDNR.	Tri-Lakes Mgmt Dist. Adams LWCD State Hygiene Lab	ongoing
<b>Maintain stable stream flows into and out of the Tri-Lakes.</b>		
1. Operate dams in proactive manner so large quantities of water are not released causing downstream flooding & streambank erosion. Lake levels will be lowered in a slow manner to accommodate anticipated heavy flows from the upper watershed.	Adams LWCD	annually
2. Develop plan to monitor flows.	Tri-Lakes Mgmt District Adams LWCD UWSP, WDNR	ongoing
3 Work with Central Sands water resource group.	Tri-Lakes Mgmt District	ongoing
<b><u>WATERSHED: GOALS and ACTION ITEMS</u></b>	<b><u>WHO</u></b>	<b><u>WHEN</u></b>
<b>Reduce 50% the total phosphorus, total nitrogen, and total solid sediments entering Leola Ditch, 14 Mile Creek, and Unnamed Ditch 13-13 by 2020.</b>		
1. Develop strategy to implement buffer corridor compliance. Maintain & monitor the buffer corridors.	Adams LWCD Adams P & Z	completed
2. Invite the Leola Drainage District governing body & Adams County Drainage Board to attend a joint meeting and/or request tour of the ditches..	Tri-Lakes Mgmt District	ongong
3. Investigate and discuss methods to purchase land in the watershed in order to broker land use change.	Tri-Lakes Mgmt District	2016-2017

4. Sample & test water at the headwaters region of the drainage district & as it enter Lake Camelot to determine clarity, dissolved oxygen, pH, temperature, biological conditions, total phosphorus, total nitrogen and total sediments.	Tri-Lakes Mgmt District Adams LWCD	ongoing
5. Implement the Adams County Stormwater Runoff ordinance to prevent and/or reduce nutrients & sediments from entering the state's waters.	Adams LWCD	ongoing
6. Monitor & advocate change in Drainage District legislation.	Tri-Lakes Mgmt District	ongoing
7. Implement State Agricultural Performance Standards by contacting agricultural producers to offer cost share for compliance with preventing runoff from livestock confinement operation and uncontained livestock manure; sedimentation due to soil erosion from croplands and stream banks; livestock access to stream sites.	Tri-Lakes Mgmt District Adams LWCD	ongoing
<b>Create community awareness and improve community knowledge about watershed activities</b>		
1. Educate landowners, agricultural producers, and community about State Agricultural Performance Standards and best management practices utilizing newsletters, meetings, and individual visits.	Adams LWCD, NRCS DNR, Waushara LWCD CREP	ongoing