

JORDAN LAKE MANAGEMENT6 PLAN PT 2--REVISED 8/16/14

Page 19

<u>ITEM</u>	<u>GOALS and ACTION ITEMS</u>	<u>WHO</u>	<u>WHEN</u>
EDUCATION	<u>Goal A:</u> Educate community and public about lake management concerns.		
1.	Establish community events to encourage & educate the community about lake conservation practices.	Jordan Lake District Adams LWCD	ongoing
2.	Publish educational information on Lake District Website and periodic mailings to district members.	Jordan Lake District	ongoing
3.	Update and/or place informational signs at all public access sites about actions citizens can take to improve/maintain water quality.	Jordan Lake District	completed 2008
4.	Maintain educational exotic species signs at boat landing.	Adams LWCD, WDNR Jordan Lake District	ongoing
5.	Implement education of lake users, lakefront owners & watershed community on identification & control of exotic species by publication & website information.	Adams LWCD, WDNR Jordan Lake District	ongoing
6.	Develop & distribute an informational packet regarding lake issues, water quality, and best management practices to watershed citizens and businesses.	Adams LWCD Jordan Lake District	2015
7.	Request that lakefront property owners not to use fertilizers or chemicals within 200' of the water.	Jordan Lake District	ongoing
8.	Contact other organizations to get information about similar lakes, then contact those lakes to gain information about how they handle water quality issues.	Jordan Lake District	ongoing
9.	Publish information on hand-harvesting of aquatic plants of not more the 30' wide corridor (for each 100' of shoreline) for access & viewing on lakefront properties to encourage landowners to limit clearing nearshore water areas.	Jordan Lake District WDNR	completed 2009
10.	Request that lake users catch & release fish, especially predator fish.	Jordan Lake District local citizens	ongoing

<u>ITEM</u>	<u>GOALS and ACTION ITEMS</u>	Page 20 <u>WHO</u>	<u>WHEN</u>
EDUCATION			
11.	Improve sign outlining lake movement pattern & times for lake users.	Jordan Lake District	installed 2014
12.	Conduct a lake community assessment to understand what lakeshore property owners value as they use and manage their lakeshore property.	Adams LWCD, WDNR Jordan Lake District	completed 2008
13.	Educate community about sensitive area using techniques by developing an informational fact sheet.	Jordan Lake District Adams LWCD, WDNR	2015
14.	Monitor lake level via sand point well every 2 weeks and report results to Adams County LWCD and enter into SWIMS database.	Jordan Lake District	2013-2015

<u>ITEM</u>	<u>GOALS and ACTION ITEMS</u>	Page 21 <u>WHO</u>	<u>WHEN</u>
WATER QUALITY	GOAL A: Maintain & improve present water quality and prevent algal blooms.		
1.	Cooperate with other lake districts and associations in the Town of Jackson & other to develop an ordinance prohibiting the sale, provision or use of phosphorus-based lawn fertilizers and encourage the adoption of this policy.	Jordan Lake District Adams LWCD	completed via state law 2010
2.	Establish and identify lake water quality goals with measurable targets for determining progress in protecting the lake.	Jordan Lake District Adams LWCD	2015
3.	Recruit volunteers for ongoing monitoring of lake water quality with participation in the DNR Self-Help Monitoring Program, with monitoring results being compared to 2004-2006 water quality data collected by Adams County LWCD.	Adams LWCD, WDNR Jordan Lake District	ongoing
4.	Increase non-chemical testing of water quality by 10% over previous year times.	Jordan Lake District	2013-2015
5.	Obtain an updated bathymetric (depth) map showing the water depths and the low & high fluctuations.	Adams LWCD, WDNR Jordan Lake District	completed 2008
6.	Work with Adams County LWCD & Planning & Zoning to protect designated critical habitat areas. Planning & Zoning were provided with copies of the critical habitat report in January 2007.	Adams LWCD, WDNR Jordan Lake District Adams County P & Z	completed 2009

- | | | |
|---|--|---------|
| 7. Protect undeveloped property, sensitive areas and critical habitat areas by investigating purchase of permanent conservation easement. | Adams LWCD, WDNR
Jordan Lake District | ongoing |
| 8. Set up study protocol and parameters to investigate impact of septic systems and spring locations on lake water quality. | Adams LWCD, WDNR
Jordan Lake District | 2015 |

VATER QUALIT Goal B: Restore natural shore conditions in riparian areas & incorporate stormwater runoff protection.

- | | | |
|---|------------------------------------|-----------|
| 1. Set up 10-20 pilot shore & runoff protection demonstration sites over the next 3 yrs. | Adams LWCD
Jordan Lake District | 2015 |
| 2. Contact landowners about design & installation of best management practices for voluntary shore restoration & stormwater runoff. | Adams LWCD
Jordan Lake District | 2012-2015 |
| 3. For those choosing to participate, obtain funding to assist in installation of shore restoration & runoff management practices. | Adams LWCD
Jordan Lake District | Dec-14 |

<u>ITEM</u>	<u>GOALS and ACTION ITEMS</u>	Page 22 <u>WHO</u>	<u>WHEN</u>
AQUATIC SPECIES MANAGEMENT	Goal A: Revise aquatic plant management plan to improve water quality & safety.		
	1. Continue to chemically spot-treat for EWM in Jordan Lake after evaluating need at end of prior year. Acreage needed for treatment has been declining in the last few years. Reduce treatable acres in 3 years to no more than 6 acres per year.	Jordan Lake District WDNR Adams LWCD	ongoing
	2. Other options for controlling EWM not appropriate for Jordan Lake: (a) winter drawdown not possible since Jordan Lake is a natural lake; (b) mechanical harvesting at this time not appropriate due to patchy nature of current EWM distribution & considering disturbance of in-water habitat that can be caused by mechanical harvesting.		
	3. Educate & encourage lake users to hand-pull invasive plants by having on-site training to assist in identification, developing fact sheet about timing & methods, and posting information on website & around the lake.	Jordan Lake District WDNR Adams LWCD	ongoing
	4. Determine the cost in money & time required to implement propagation of milfoil weevils as possible additional control for EWM population.	Jordan Lake District Golden Sands, WDNR	2014-2015

**AQUATIC
SPECIES
MANAGEMENT**

Goal B: Control current invasive species (Eurasian Watermilfoil and Curly-leaf Pondweed) and prevent infection by other exotic aquatics.

- | | | |
|--|--|-------------------|
| 1. Control current invasives species & prevent infection by others. | Jordan Lake District
Adams LWCD, WDNR | ongoing |
| 2. Continue to evaluate ongoing plan for invasive species control & prevention. | Jordan Lake District
Adams LWCD, WDNR | ongoing |
| 3. Inventory lake for population for native weevils that attack EWM. | Adams LWCD | completed
2007 |
| 4. Recruit, train & schedule group of volunteers to monitor lake for invasive species. | Jordan Lake District
Adams LWCD, WDNR | ongoing |

ITEM

**AQUATIC
SPECIES
MANAGEMENT**

GOALS and ACTION ITEMS

Page 23
WHO

WHEN

- | | | |
|--|---|-------------------|
| 5. Conduct a trial process of hand-harvesting and compare to results of chemical spot treatment for management of Eurasian watermilfoil. | Jordan Lake District | 2009
completed |
| 6. Recruit, train & schedule group of volunteers to participate in WDNR's Clean Boats, Waters program. | Jordan Lake District
Adams LWCD, WDNR | ongoing |
| 7. Conduct periodic aquatic plant survey every 5 years. | Jordan Lake District
Adams LWCD, WDNR | ongoing |
| 8. Work with Adams County Parks & WDNR to improve boat ramp and prevent infection through boat ramp traffic. | Jordan Lake District
WDNR, Adams Parks | ongoing |
| 9. Should instance of EWM increase, mechanical harvesting will be explored further as far as scheduling, costs & maintenance. | Jordan Lake District | as needed |
| 10. Increase the Clean Boats, Clean Waters volunteers in numbers and hours by | Jordan Lake District | 2012-2015 |

Page 24
WHO

WHEN

ITEM

GOALS and ACTION ITEMS

**FISHERY &
WILDLIFE**

Goal A: Maintain fishery habitat & population in Jordan Lake.

MANAGEMENT	1. Encourage for ongoing fish stocking and habitat increase.	Jordan Lake District	ongoing
	2. Ask lakefront owners to leave fallen trees tree in lake littoral zone to increase fish habitat.	Jordan Lake District	ongoing
	3. Request WDNR to conduct an updated fish survey to evaluate fishery.	Jordan Lake District	completed 2006
	4. Maintain predator fish population by encouraging catch and release.	Jordan Lake District WDNR	ongoing
	5. Add 3-4 fish cribs to lake each year per DNR permit.	Jordan Lake District WDNR	2014-2015
	6. Determine feasibility of limited fish stocking by Jordan Lake District.	Jordan Lake District	2015

**RECREATIONAL Goal A: Maintain recreational opportunities while maintaining peace
MANAGEMENT and solitude and preserving safety of lake users.**

	1. Work for buoys to be placed 200' from ordinary high water mark at public boat landing to mark no-wake area. Work with the Town of Jackson to mark critical habitat areas as no-wake areas.	Jordan Lake District Adams Parks, WDNR Town of Jackson	completed via state law 2009
	2. Request compliance with slow no-wake ordinance and watercraft distance rules by signs, publications and community events.	Jordan Lake residents	ongoing
	3. Request Parks Department to provide safe & orderly parking in some areas at ramp to allow for turn-around and safe entry & exit.	Jordan Lake District Adams Parks	ongoing

<u>ITEM</u>	<u>GOALS and ACTION ITEMS</u>	<u>WHO</u>	<u>WHEN</u>
WATERSHED-- Goal A: Reduce nutrients entering lake from watershed. OUTSIDE SHORE AREA			
	1. Implement State Agricultural Performance Standards by inventorying watershed and documenting: runoff from livestock confinement operations entering surface waters; livestock direct access sites; uncontained livestock manure storage facilities; soil erosion sites, and producers not implementing nutrient management plans and irrigation water management plans. Offer County, State, Federal cost share assistance and plan/design assistance to landowners identified in inventory so	Adams LWCD, NRCS DNR, Agric. Producers private organizations	2006 to 2015

best management practices are installed for compliance with the State Agricultural Performance Standards.

2. Complete inventory of lakeshore to identify & map erosion, buffer locations, and stormwater management sites that need to be corrected to assist in reducing nutrients & other pollutants entering the lake.

Adams County LWCD

completed
2006-2007

<u>ITEM</u>	<u>GOALS and ACTION ITEMS</u>	Page 26 <u>WHO</u>	<u>WHEN</u>
OTHER MANAGEMENT ISSUES	<u>Goal A:</u> Protect sensitive/critical habita areas for their habitat value to Jordan Lake.		
	1. Once sensitive/critical habitat areas have been determined by WDNR & Adams LWCD, develop strategy to protect them and incorporate strategy into the lake management plan	Jordan Lake District	ongoing
	<u>Goal B:</u> Encourage diversity of wildlife around lake.		
	1. Conduct survey of lakefront owners to determine if they would like to encourage particular types of wildlife, including songbirds & water birds.	Jordan Lake District Adams County LWCD	completed 2008
	2. Obtain funding & install practices to encourage the desired wildlife.	Jordan Lake District	2015
	<u>Goal C:</u> Incorporate the goals of the general public into the lake management plan.		
	1. Conduct public users survey to identify important management issues. Surveys and dropboxes will be located at boat launches for one year, at resorts & campgrounds, and at local businesses. Email may also be used.	Jordan Lake District	completed 2008
	2. Using this information, determine if and how to address these goals in the lake management plan.	Jordan Lake District WDNR Adams County LWCD	ongoing
	<u>Goal D:</u> Research Management of Water Level of Jordan Lake		
	1. Design & install means of measuring water levels from one year to the next.	Jordan Lake District	completed 2013

