

**JORDAN LAKE MANAGEMENT6 PLAN PT 2--REVISED 8/10/13**

**ITEM**

**GOALS and ACTION ITEMS**

**EDUCATION**

**Goal A: Educate community and public about lake management concerns.**

1. Establish community events to encourage & educate the community about lake conservation practices.
2. Publish educational information on Lake District Website and periodic mailings to district members.
3. Update and/or place informational signs at all public access sites about actions citizens can take to improve/maintain water quality.
4. Maintain educational exotic species signs at boat landing.
5. Implement education of lake users, lakefront owners & watershed community on identification & control of exotic species by publication & website information.
6. Develop & distribute an informational packet regarding lake issues, water quality, and best management practices to watershed citizens and businesses.
7. Request that lakefront property owners not to use fertilizers or chemicals within 200' of the water.
8. Contact other organizations to get information about similar lakes, then contact those lakes to gain information about how they handle water quality issues.
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.

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**GOALS and ACTION ITEMS**

**EDUCATION**

10. Request that lake users catch & release fish, especially predator fish.
11. Improve sign outlining lake movement pattern & times for lake users.
12. Conduct a lake community assessment to understand what lakeshore property

owners value as they use and manage their lakeshore property.

13. Educate community about sensitive area using techniques by developing an informational fact sheet.
14. Monitor lake level via sand point well every 2 weeks and report results to Adams County LWCD and enter into SWIMS database.

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**GOALS and ACTION ITEMS**

**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.
2. Establish and identify lake water quality goals with measurable targets for determining progress in protecting the lake.
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.
4. Increase non-chemical testing of water quality by 10% over previous year times.
5. Obtain an updated bathymetric (depth) map showing the water depths and the low & high fluctuations.
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.
7. Protect undeveloped property, sensitive areas and critical habitat areas by investigating purchase of permanent conservation easement.
8. Set up study protocol and parameters to investigate impact of septic systems and spring locations on lake water quality.

**WATER QUALITY      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.
2. Contact landowners about design & installation of best management practices for voluntary shore restoration & stormwater runoff.

3. For those choosing to participate, obtain funding to assist in installation of shore restoration & runoff management practices.

<u>ITEM</u>	<u>GOALS and ACTION ITEMS</u>
<p><b>AQUATIC SPECIES MANAGEMENT</b></p>	<p><b><u>Goal A:</u> Revise aquatic plant management plan to improve water quality &amp; safety.</b></p> <ol style="list-style-type: none"> <li>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.</li> <li>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 &amp; considering disturbance of in-water habitat that can be caused by mechanical harvesting.</li> <li>3. Educate &amp; encourage lake users to hand-pull invasive plants by having on-site training to assist in identification, developing fact sheet about timing &amp; methods, and posting information on website &amp; around the lake.</li> <li>4. Determine the cost in money &amp; time required to implement propagation of milfoil weevils as possible additional control for EWM population.</li> </ol>

<p><b>AQUATIC SPECIES MANAGEMENT</b></p>	<p><b><u>Goal B:</u> Control current invasive species (Eurasian Watermilfoil and Curly-leaf Pondweed) and prevent infection by other exotic aquatics.</b></p> <ol style="list-style-type: none"> <li>1. Control current invasives species &amp; prevent infection by others.</li> <li>2. Continue to evaluate ongoing plan for invasive species control &amp; prevention.</li> <li>3. Inventory lake for population for native weevils that attack EWM.</li> <li>4. Recruit, train &amp; schedule group of volunteers to monitor lake for invasive species.</li> </ol>
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<u>ITEM</u>	<u>GOALS and ACTION ITEMS</u>
<p><b>AQUATIC SPECIES MANAGEMENT</b></p>	<ol style="list-style-type: none"> <li>5. Conduct a trial process of hand-harvesting and compare to results of chemical spot treatment for management of Eurasian watermilfoil.</li> <li>6. Recruit, train &amp; schedule group of volunteers to participate in WDNR's Clean Boats,</li> </ol>

Waters program.

7. Conduct periodic aquatic plant survey every 5 years.
8. Work with Adams County Parks & WDNR to improve boat ramp and prevent infection through boat ramp traffic.
9. Should instance of EWM increase, mechanical harvesting will be explored further as far as scheduling, costs & maintenance.
10. Increase the Clean Boats, Clean Waters volunteers in numbers and hours by

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**GOALS and ACTION ITEMS**

**FISHERY &  
WILDLIFE  
MANAGEMENT**

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

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

**RECREATIONAL  
MANAGEMENT**

**Goal A: Maintain recreational opportunities while maintaining peace 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.
2. Request compliance with slow no-wake ordinance and watercraft distance rules by signs, publications and community events.
3. Request Parks Department to provide safe & orderly parking in some areas at ramp to allow for turn-around and safe entry & exit.

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**GOALS and ACTION ITEMS**

**WATEDSHED--LAND OUTSIDE SHORE AREA**

- Goal A: Reduce nutrients entering lake from watershed.**
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 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.

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**GOALS and ACTION ITEMS**

**OTHER MANAGEMENT ISSUES**

**Goal A: Protect sensitive/critical habita areas for their habitat value to Jordan Lake.**

1. Once sensitive/critical habitat areas have been determined by WDNR & Adams LWC develop strategy to protect them and incorporate strategy into the lake management plan

**Goal B: 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.
2. Obtain funding & install practices to encourage the desired wildlife.

**Goal C: 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.
2. Using this information, determine if and how to address these goals in the lake management plan.

**Goal D: Research Management of Water Level of Jordan Lake**

1. Design & install means of measuring water levels from one year to the next.

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**WHO**

**WHEN**

Jordan Lake District  
Adams LWCD

ongoing

Jordan Lake District

ongoing

Jordan Lake District

completed  
2008

Adams LWCD, WDNR  
Jordan Lake District

ongoing

Adams LWCD, WDNR  
Jordan Lake District

ongoing

Adams LWCD  
Jordan Lake District

2014

Jordan Lake District

ongoing

Jordan Lake District

ongoing

Jordan Lake District  
WDNR

completed  
2009

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**WHO**

**WHEN**

Jordan Lake District  
local citizens

ongoing

Jordan Lake District

completed  
2013

Adams LWCD, WDNR

completed

Jordan Lake District 2008

Jordan Lake District 2014  
Adams LWCD, WDNR

Jordan Lake District 2013-2015

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**WHO**

**WHEN**

Jordan Lake District completed  
Adams LWCD via state law  
2010

Jordan Lake District 2014  
Adams LWCD

Adams LWCD, WDNR ongoing  
Jordan Lake District

Jordan Lake District 2013-2015

Adams LWCD, WDNR completed  
Jordan Lake District 2008

Adams LWCD, WDNR completed  
Jordan Lake District 2009  
Adams County P & Z

Adams LWCD, WDNR ongoing  
Jordan Lake District

Adams LWCD, WDNR 2014  
Jordan Lake District

Adams LWCD  
Jordan Lake District 2014

Adams LWCD 2012-2015  
Jordan Lake District



Adams LWCD  
Jordan Lake District

May-14

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**WHO**

**WHEN**

Jordan Lake District  
WDNR  
Adams LWCD

ongoing

own

Jordan Lake District  
WDNR  
Adams LWCD

ongoing

Jordan Lake District  
Golden Sands, WDNR

2014-2015

Jordan Lake District  
Adams LWCD, WDNR

ongoing

Jordan Lake District  
Adams LWCD, WDNR

ongoing

Adams LWCD

completed  
2007

Jordan Lake District  
Adams LWCD, WDNR

ongoing

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**WHO**

**WHEN**

Jordan Lake District

2009  
completed

Jordan Lake District

ongoing

Adams LWCD, WDNR

Jordan Lake District ongoing  
Adams LWCD, WDNR

Jordan Lake District ongoing  
WDNR, Adams Parks

Jordan Lake District as needed

Jordan Lake District 2012-2015

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WHO

WHEN

Jordan Lake District ongoing

Jordan Lake District ongoing

Jordan Lake District completed  
2006

Jordan Lake District ongoing  
WDNR

Jordan Lake District 2014-2015  
WDNR

Jordan Lake District 2014

Jordan Lake District completed  
Adams Parks, WDNR via state law  
Town of Jackson 2009

Jordan Lake ongoing  
residents

Jordan Lake District ongoing  
Adams Parks

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WHO

WHEN

Adams LWCD, NRCS  
DNR, Agric. Producers  
private organizations

2006  
to  
2015

Adams County LWCD

completed  
2006-2007

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WHO

WHEN

Jordan Lake District

ongoing

Jordan Lake District  
Adams County LWCD

completed  
2008

Jordan Lake District

2014

Jordan Lake District

completed  
2008

Jordan Lake District  
WDNR  
Adams County LWCD

ongoing

Jordan Lake District

completed  
2013