



**464A.11 Water trails and low head dam public hazard statewide plan.**

Department of Natural Resources:

1. The department shall establish a water trails and low head dam public hazard program.
2. In administering the water trails and low head dam public hazard program, the department shall conduct a study of waterways for recreational purposes and develop a statewide plan by March 31, 2010. Elements of the plan shall include but not be limited to:
  - a. Compiling an inventory of low head dams, including a listing of those low head dams, for the purposes of publicizing hazards through maps and warning signage.
  - b. Seeking input from the public and experts in various fields, including fisheries, rescue professionals, water recreation, river management, public utilities conservation, and landscape architecture, to be used in the recreation and safety components of the plan.
  - c. Developing standard recommendations for local communities including signage system and placement guidelines, boating access type, placement and construction guidelines, and volunteer recommendations for communities.
  - d. Recommending design templates for low head dams to reduce incidents of drowning.
  - e. With input from stakeholders, developing criteria for prioritizing removal or modification of low head dams.
  - f. With input from stakeholders, developing criteria for prioritizing development of water trails.

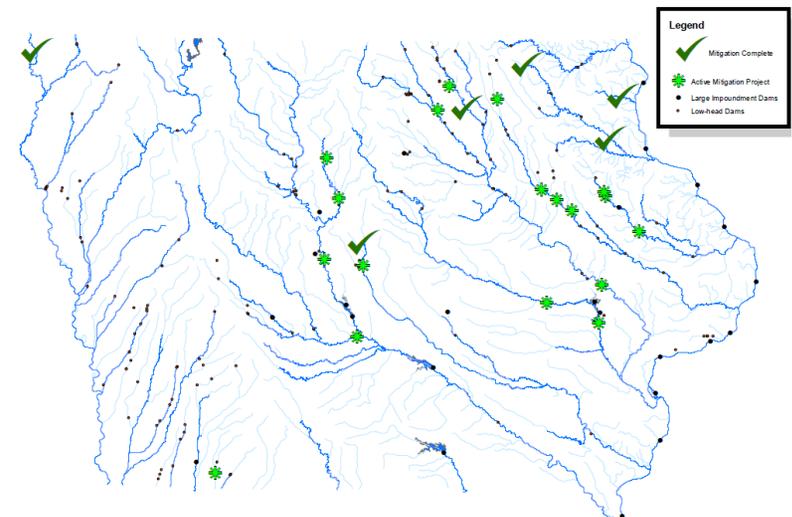
2008 Acts, ch 1069, §1, 2; 2009 Acts, ch 144, §14 Implementation of section contingent upon appropriation of moneys necessary to carry out the section; 2008 Acts, ch 1069, §2 Appropriation of funds; 2008 Acts, ch 1178, §19; 2009 Acts, ch 184, §1, 4, 19, 28

\$2,000,000

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DNR River Program Funding (provided by Nate Hoogeveen, director of IA DNR Rivers Program):

- FY 2008 \$200,000 from RIIF and \$250,000 from a special appropriation for low-head dam mitigation and water trail planning
- FY 2009 \$1,000,000 for dam mitigation but rescinded by the Governor for flood damage aid
- FY 2010 \$800,000 from RIIF and \$1,000,000 from IJOBS for water trails and low-head dam mitigation (Includes funding to Charles City, Boone, and the Klondike Dam Project)
- FY2011 \$0
- FY2012 \$75,000 for Iowa DNR River Programs was line item vetoed by the Governor
- FY2013 \$1,000,000 RIIF appropriation for dam mitigation and water trails
- FY2014 \$1,000,000 RIIF appropriation for dam mitigation and water trails



Iowa Low-head Dam Mitigation Projects

## Low-head Dam Public Hazard and Water Trails Appropriation, FY 2015

<u>Program/Project</u>	<u>Requests expected</u>	<u>Expected project totals</u>	<u>Budgeted Amount</u>
<b>Low-head Dam Hazard Mitigation Projects</b>			
----State-managed area priority projects			\$240,000
----Competitive granting cost share, expected project applications	\$2,150,000	\$8,260,000	\$900,000
<b>Water Trail Project Development</b>			
----Local project planning assistance			\$290,000
----Water trail competitive grants			\$200,000
----DNR crew-built water trail construction projects			\$90,000
<b>Engineering costs</b>			\$100,000
<b>River restoration- cost share assistance for demonstration projects</b>			\$80,000
<b>Project management and administration</b>			\$100,000
<b>TOTAL</b>			<b>\$2,000,000</b>

### Program Highlights:

- Total state dollars spent to remove or modify low-head dams since FY2008 is \$1,951,110, leveraging \$7,730,211 total dollars spent on all documented projects.
- In 2008, there were a total of 187 low-head dams across the state of Iowa; since then, there have been 6 removed, 19 active mitigation projects and 181 remaining low-head dams in Iowa.
- Since 2008, there has been the designation of 923 water trail miles on 16 rivers in Iowa.
- Completed: The Klondike Dam to rapids conversion project was completed in May 2013. The failing dam was removed and replaced with rock rapids that pools water to the same elevation of the dam to maintain water supply for a rural water system. The area is now safer, more accessible, and allows fish to pass upstream at both low and high water.

