



OREGON WATER RESOURCE DEPARTMENT
WATER CONSERVATION, REUSE AND STORAGE
GRANT PROGRAM

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SEP 02 2008

WATER RESOURCES DEPT
SALEM, OREGON

I. Grant Information

Project Name: Laurance Lake Additional Reservoir Storage

Type of Grant Requested: Water Conservation Reuse Above Ground Storage
 Storage Other Than Above-Ground [Including Aquifer Storage and Recovery (ASR)]

Program Funding Dollars Requested: \$ 28,000 Total cost of planning study: \$ 56,000

Note: Request may not exceed \$500,000

II. Applicant Information

Applicant Name: <i>Middle Fork Irrigation District</i>	Co- Applicant Name:
Organization: <i>Irrigation District</i>	Organization:
Address: <i>P.O. Box 291- 8235 Clear Creek Road Parkdale, OR 97041</i>	Address:
Phone: <i>(541) 352-6468</i>	Phone:
Fax: <i>(541)352-7794</i>	Fax:
Email:	Email:

Fiscal Officer Name: <i>Mr. Craig DeHart</i>	Principle Contact:
Organization: <i>Middle Fork Irrigation District</i>	Organization:
Address: <i>P.O. Box 291 - 8235 Clear Creek Road Parkdale, OR 97041</i>	Address:
Phone: <i>(541) 352-6468</i>	Phone:
Fax: <i>(541)352-7794</i>	Fax:
Email: <i>mfidcraig@hoodriverelectric.net</i>	Email:

Certification:

I certify that this application is a true and accurate representation of the proposed work for a project planning study and that I am authorized to sign as the Applicant or Co-Applicant. By the following signature, the Applicant certifies that they are aware of the requirements of an Oregon Water Resources Department grant and are prepared to implement the project if awarded.

Applicant Signature: *Craig DeHart* Date: *2 Sept 2008*

Print Name: *Craig DeHart* Title: *District Manager*

III. Planning Study Summary

Please give a brief summary of the planning study using no more than 150 words.

Clear Branch Dam/ Laurance Lake Reservoir has temperature and supply issues during the typical summer months. This study is to assess the feasibility of raising reservoir to Elevation 2,981 msl or approximately three (3) feet above the current spill elevation of 2,978 msl. This elevation change allows for the storage of an additional 350 to 400 acre of water during the spring runoff. This new storage is an attenuation of the typical runoff flows and would help to improve water temperature and supply issues during mandatory discharge releases. The study must address storage reliability at this higher reservoir level; the technical aspects of dam safety due a slightly higher reservoir water level; impacts to the possible inundation of some of the USDA Forest Service Laurance Lake Campground; methods associated with development of a structure to raise the reservoir water elevation; and enhancement of the fishery habitat at and below Laurance Lake.