



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: Union and Wallowa Counties Watershed Storage

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

Program Funding Dollars Requested: \$ \$100,000 Total cost of planning study: \$ \$220,000
Note: Request may not exceed \$500,000

II. Applicant Information

Table with 2 columns: Applicant Name: Grande Ronde Model Watershed, Co-Applicant Name:
Organization, Address, Phone, Fax, Email

Table with 2 columns: Fiscal Officer Name: Jeff Oveson, Principle Contact: Jeff Oveson
Organization, Address, Phone, Fax, 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: [Signature] Date: 8/28/2008

Print Name: Jeff Oveson Title: Executive Director

III. Planning Study Summary

Please give a brief summary of the planning study using no more than 150 words.
The planning study will evaluate the potential applications of managed underground storage (MUS) techniques in four watersheds toward the goal of determining feasible ways to augment late season stream flows that are currently consumed by irrigation as well as to help mitigate declining groundwater tables in the upper Grande Ronde Valley. The four watersheds include Bear Creek and the Lostine River watersheds in Wallowa County, and the upper Catherine Creek and upper Grande Ronde River watersheds in Union County. In particular, the study will evaluate whether artificial recharge (AR) can be used in the Bear Creek and the Lostine River watersheds in Wallowa County. The study will also consider AR and aquifer storage and recovery (ASR) options available in the upper Catherine Creek watershed and in the upper Grande Ronde River basin in Union County.