



GC0030 09

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

RECEIVED
SEP 02 2008
WATER RESOURCES DEPT
SALEM, OREGON

I. Grant Information

Project Name: Keating Valley Water Conservation Assessment

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

Program Funding Dollars Requested: \$ 42,500 Total cost of planning study: \$ 85,000
Note: Request may not exceed \$500,000

II. Applicant Information

Table with 2 columns: Applicant Name: Lower Powder Irrigation District, Co-Applicant Name:
Organization, Address, Phone, Fax, Email

Table with 2 columns: Fiscal Officer Name: Joyce Bornstedt, Principle Contact: Walt Jury
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: 27 Aug 08
Print Name: Walt Jury Title: LPID, president

III. Planning Study Summary

Please give a brief summary of the planning study using no more than 150 words.
The Keating Valley Water Conservation Assessment is a cooperative, multiphase project that will produce a plan to assess current conditions, determine desired future conditions, and identify opportunities for water conservation and storage in the Lower Powder Irrigation District. The first phase, the assessment, is the focus of this application. The assessment will gather data from agency partners and map all existing ditches, headgates, and other structures from Thief Valley Reservoir to the junction of Highway 86 and Powder River at the south end of the valley. The project will gather data on irrigation system types, soils, locate headgates and other structures in the ditch system, and put it into digital format. The gathered data will be used to determine individual site improvements, priority improvement areas, priority water loss areas, water storage sites, condition of current irrigation delivery system, agricultural wetland areas, energy needs for improvements, and capacity of the system for efficiency improvements, both structural and social. In addition, the study will address the potential benefits to fish, wildlife, and recreationists. The assessment will be conducted by a professional consultant that has the experience, staff, and capacity to complete the project in a minimal timeframe.