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WATER RESOURCES DEPT
SALEM, OREGON

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

I. Grant Information

Project Name: *Surface Water Storage Assessment*

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: $ $67,000 Total cost of planning study: $ $134,000
Note: Request may not exceed $500,000

II. Applicant Information

Applicant Name: *Kerns Rainbow Ranch, Inc.*		**Co- Applicant Name:**
Organization:		Organization:
Address	*45917 Quail Road*	Address:
	Haines, OR 97833	
Phone	*541-856-3449*	Phone:
Fax:	*1-999-889-1303*	Fax:
Email:	*jkerns@bmi.net*	Email:

Fiscal Officer Name: *Jan Kerns*		**Principle Contact:**
Organization:	*Kerns Rainbow Ranch, Inc.*	Organization:
Address:	*45917 Quail Road*	Address:
	Haines, OR 97833	
Phone:	*541-856-3449*	Phone:
Fax:	*1-888-889-1303*	Fax:
Email:	*jkerns@bmi.net*	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: Kerns Rainbow Ranch, Inc. by Janice L. Kerns Date: *8/30/2008*

Print Name: *Kerns Rainbow Ranch, Inc. by Janice L. Kerns* Title: *Secretary/Treasurer*

III. Planning Study Summary

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

The assessment study will evaluate the feasability of, and potential for, construction of 6 supplemental irrigation water storage structures located on the property of the owners of Kerns Rainbow Ranch, Inc., The storage water is needed for later-season (mid-July through October) irrigation. The assessment study will include site geologic and soil evaluations, suitability for dam construction, analysis of hazard potential, water storage and fill volume calculations, preliminary engineering of dam/retaining structures, necessity/options for sealing of containment area, specifications and location of construction materials, and preliminary design of a connecting delivery system to the existing irrigation system. There will also be an evaluation of any necessary wetland mitigation(s) as well as wildlife benefits and enhancements