



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

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SEP 08 2008

I. Grant Information

Project Name: Tigard -Area Water Reuse Study

WATER RESOURCES DEPT
SALEM, OREGON

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

Program Funding Dollars Requested: \$ \$70,000 Total cost of planning study: \$ \$142,000
Note: Request may not exceed \$500,000

II. Applicant Information

Table with 2 columns: Applicant Name: City of Tigard, Co-Applicant Name: Clean Water Services. Includes fields for Organization, Address, Phone, Fax, and Email.

Table with 2 columns: Fiscal Officer Name: loreen Mills, Interim Finance Director, Principle Contact: Steve Kebbe, P.E. Includes fields for Organization, Address, Phone, Fax, and 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: Elizabeth Newlon Date: 8/29/08
Print Name: Elizabeth Newlon Title: Assistant City Manager

III. Planning Study Summary

Please give a brief summary of the planning study using no more than 150 words. Evaluate the feasibility of expanding the reuse of effluent from Clean Water Service's 21 mgd Durham Advanced Wastewater Treatment Facility to serve the City of Tigard downtown area and reduce demands on Fanno Creek, a tributary to the Tualatin River that is impacted by low summertime flows. The planning study would identify the potential demand for reuse water in Tigard, identify benefits and impacts of withdrawing additional effluent from the Tualatin River, identify the capital improvements needed to deliver reuse water to meet the demand, identify operational and maintenance costs associated with identified capital improvements, identify public acceptance issues that must be addressed in order to implement a successful reuse program in a downtown area, and identify opportunities to use reuse water to offset irrigation withdrawals during the summer, thus restoring Fanno Creek summertime flows.

The City of Tigard has some water rights on Fanno Creek. There are other, more senior water rights on Fanno Creek upstream of the City of Tigard that may also be able to use reuse water to offset current irrigation withdrawals.