

Oregon Water Resources Department  
**Water Conservation, Reuse and Storage Grant Program**  
Evaluation for September 2, 2008 Applications

<b>APPLICANT:</b>	City of Dallas		
<b>STUDY TYPE:</b>	Reuse		
<b>APPLICATION NO.:</b>	GR0007 09		
<b>STUDY NAME:</b>	City of Dallas Wastewater Reuse Project		
<b>BASIN:</b>	Willamette	<b>WRD DISTRICT:</b>	16
<b>WRD FUNDS REQUESTED:</b>	\$63,000	<b>TOTAL COST:</b>	\$126,000

**APPLICATION DESCRIPTION:**

The City of Dallas stores water from Rickreall Creek in Mercer Reservoir. The reservoir provides the majority of the water supply for the City during the summer and early fall months. The reservoir may not be able to meet the City's demands during droughts and there is a projected demand growth of 2.5 million gallons per day. Substituting reuse water where potable water is currently used or could be used would mitigate the need for an additional future reservoir or to convey water from an alternate source such as the Siletz or Willamette Rivers.

This study evaluates the technical, social, environmental, regulatory, and financial feasibility of providing reuse water from the City's wastewater treatment plant to parks, school grounds, residents, businesses, and industry. The study involves identifying reuse application opportunities and quantifying the demand for reuse water; identifying infrastructure needs along with capital and operation and maintenance costs; evaluating system development charges and rates; assessing regulatory and environmental constraints; and promoting public acceptance through public involvement. The study would provide the City with a clear understanding of the constraints associated with its conceptual reuse project and could provide 1-2 million gallons per day that would primarily be used during the peak irrigation season, but could also be available year-round for industrial users.

**APPLICATION REVIEW TEAM EVALUATION:**

The Application Review Team recognized that the City of Dallas wastewater treatment facility currently has a reuse project that irrigates poplar fields. The team also noted the potential to meet peak urban irrigation demands, which could result in a reduction of withdrawals from Rickreall Creek.

The team had concerns about whether many of the major tasks, such as the Wastewater Plant Reuse Facility Plan, Public Meetings and Financial Planning, were associated with a feasibility study and was appropriate for funding under the Water Conservation, Reuse and Grant Program. The team felt that given the limited funding associated with the Water Conservation, Reuse and Storage Grant Program, and the severe water quantity problems facing the state, that other applications should be funded prior to this application.

The study is a priority for funding under SB 1069 because it is identified on the Department's statewide water assessment and inventory of potential conservation opportunities. The study could begin in January 2009 and be completed by December 2009.

Application Review Team Funding Recommendation: Do not fund.

**COMMENTS:**

None received.

**RECOMMENDATION:**

**Do not fund.**