

Exhibit "A"

AGENDA NO. 29

WEST BASIN MUNICIPAL WATER DISTRICT

NOVEMBER 16, 2007 - Water Resources
Smith (Chair), Little

NOVEMBER 26, 2007 - Board Meeting

Prepared by: Fernando Paludi

Submitted by: Fernando Paludi

Approved by: Richard Nägel

ACTION CALENDAR

RESOURCE CASE STUDY PORTFOLIO APPROACH TO WATER SUPPLY PLANNING

SUMMARY:

In September 2007, staff presented information to your board regarding a proposal made to West Basin by the University of California at Santa Cruz's (UCSC) Urban and Regional Water Research Team. UCSC would create a modeling tool that quantifies the relative level of reliability for each component in a supply portfolio so that supply decisions can be made that reflect "reliability-adjusted" unit values, not strictly cost and yield. UCSC proposes to base the study on West Basin's various sources of water, including recycled water, ocean and brackish water desalination, groundwater, imported water, and conservation.

The total project value is \$190,000 and will be completed by Fall 2008. West Basin and the Water Replenishment District have been asked to contribute \$25,000 in this and next years' budgets (for a total of \$50,000 for each agency). The National Water Research Institute will cover the remaining \$90,000 and act as the contracting agency with UCSC.

Benefit to West Basin

Having a study on the role reliability plays in water resource management decisions based on West Basin's supply portfolio data is of great benefit to the District. Staff believes that supply portfolio analysis that accounts for the reliability of the supply will provide solid justifications for emphasizing locally-produced supplies that are hydrology-independent. West Basin can use the results of this study to better inform ratepayers, customer agencies, and other stakeholders concerning the efficacy of undertaking new water supply projects.

FISCAL IMPACTS:

Funds are included in the Fiscal Year 2007-08 Water Resources Budget.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

The item was reviewed by the Water Resources Committee on November 16, 2007 and recommended for approval at the November 26, 2007 Board Meeting.

RECOMMENDED MOTION:

That the Board authorizes the General Manager to contribute \$25,000 from the Fiscal Year 2007-08 Budget to the University of California Santa Cruz study.

EXHIBITS:

None.