

WEST BASIN MUNICIPAL WATER DISTRICT**JANUARY 17, 2008 – Water Resources**

Smith (Chair), Little

JANUARY 28, 2008 – Board Meeting

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Approved by: Richard Nagel

INFORMATION CALENDAR

WATER QUALITY STUDYSUMMARY:

With the aggressive growth of the West Basin recycled water system, some water quality concerns have developed within the distribution system. Rather than address these issues individually, staff is creating and distributing a "Request for Proposals" (RFP) for a consultant to analyze the water production process and entire distribution system to identify a comprehensive solution.

Water Quality Issues

The ambitious recycled water program started by West Basin in response to the drought of the late 80's-early 90's now serves 30,000 acre-feet per year to over 200 sites. This program was developed with consideration for peak flow requirements, water pressure, fiscal responsibility, customer requests and potential for future growth.

As a result, several water quality issues have become problematic in achieving the high standards for water quality and customer satisfaction that West Basin strives for and may impact West Basin's ability to attract new conversions. Among those issues identified to date are:

- Odor – Redondo Beach, Carson, Inglewood and Los Angeles;
- High nitrates causing over fertilization – Home Depot Center;
- Biogrowth – Toyota; and
- Pressure spikes – Carson and Torrance.

An RFP is being issued to potential qualified consulting firms to address these issues and facilitate West Basin's plans for growth of the recycled water program. The RFP will be issued in January with interviews of short-listed firms in February and selection in March.

FISCAL IMPACTS:

Funding for this study is not included in the Fiscal Year (FY) 2007-08 Budget. The FY 2007-08 Budget would need to be amended to include the cost of the study.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Committee on January 17, 2008 and agendized to the January 28, 2008 Board Meeting as information for discussion.

RECOMMENDED MOTION:

This item is for information only.

LIST OF EXHIBITS:

None