

WEST BASIN MUNICIPAL WATER DISTRICT

NOVEMBER 8, 2001 – Water Resources
 Smith – Conference Call – No Quorum
NOVEMBER 26, 2001- Board Meeting
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INFORMATION CALENDAR

REGULATORY AND ADMINISTRATIVE MEASURES
RELATED TO RECYCLED WATER

SUMMARY:

In 1994, West Basin Municipal Water District (WBMWD) was issued "Water Recycling Requirements for West Basin Municipal Water District" by the California Regional Water Quality Control Board, which allows WBMWD to produce and distribute recycled water from its El Segundo Plant. Provision 3 of the Requirements states:

"The Producer [WBMWD] shall be responsible to ensure that all users of recycled water comply with the specifications and requirements for such use."

Title 22 of the California Code of Regulations describes how recycled water is defined, how sites may use recycled water and what measures must be undertaken to safely use recycled water. Included in those regulations are the requirements that Annual Visual Inspections (AVI) and Periodic Cross-Connection Tests (PCCT) be performed to monitor compliance and check for cross-connections.

Earlier this year, the State of California Department of Health Services (State DHS) raised concerns about WBMWD's AVI and PCCT procedures. Upon further inspection by staff, it became clear that additional effort was needed to insure the regular and timely completion of these procedures. WBMWD staff took this opportunity to look at the entire recycled water program with regard to regulatory and administrative matters including the roles and responsibilities of participating entities as they relate to the introduction and use of recycled water.

WBMWD staff will develop several documents to address the issues raised by State DHS as well as better define the roles and responsibilities of WBMWD, WBMWD's system operator (California Water Service Company), the purveyors and the customers ("end users"). The following summarizes the tasks and related documents to be developed:

Annual Visual Inspections and Periodic Cross-Connection Testing

These functions, required in Title 22 of the California Code of Regulations, are to confirm compliance with regulations and check for cross-connections. As approved by the WBMWD Board of Directors in April 2001, California Water Service Company (CWSC) will administer these functions on behalf of WBMWD. CWSC has indicated that no additional costs will be incurred to implement this effort over the next couple of years. As WBMWD's recycled water customer base is expanded, minor increases to CWSC's operation contract should be expected. Staff will update the Board of Directors as

necessary. Staff estimates that potential increase to the wholesale recycled water commodity rate to be approximately \$2.00 per acre-foot.

Conditions for the Introduction and Use of Recycled Water

This new document, to be signed by the customer's (end users) On-Site Supervisor for each recycled water use site, is to confirm the On-Site Supervisors understanding of the critical "do's and don'ts." This document will be reviewed and signed by the On-Site Supervisor every year at the AVI. Attached is a copy of the document (Exhibit A).

On-Site Supervisor Training

As mentioned in the previous section, the On-Site Supervisor will review and sign the "Conditions for the Introduction and Use of Recycled Water."

Recycled Water Customer Guide

WBMWD has a Recycled Water Customer Guide (Guide) that conveys the background of recycled water, applicable regulations, construction, operation and maintenance compliance measures, forms, and the like. The Guide is provided to each recycled water customer. To incorporate new elements of the program identified here as well as update existing information, WBMWD will work to revise the Guide. This effort will be done with other recycling agencies in Los Angeles County to create a countywide document. State DHS and Los Angeles County (County) Department of Health Services (DHS) support this approach.

Design, Construction and Inspection Protocol

In recent months, State DHS has asked WBMWD to develop a document to convey the procedures potential recycled water customers will need to follow as part of the conversion to recycled water. Those procedures including submitting plans, State and County DHS review and approvals and the like. Subsequent discussions with State DHS suggest State DHS would like this document expanded to address design, construction, and inspection issues in the street where State DHS has jurisdiction. This would reduce or eliminate issues in the public right-of-way such as recycled water pipelines being constructed to close to potable water lines or vice versa. These "off-site" measures are really focusing on WBMWD/purveyor matters and don't typically involve the customers.

As with the Recycled Water Customer Guide, this document will be worked on by the Los Angeles County recycling agencies to try to develop a universal message and protocol.

WBMWD-Purveyor Recycled Water Agreement

To clarify the roles and responsibilities between WBMWD and the recycled water purveyors that purchase recycled water from WBMWD, WBMWD will pursue an agreement with each of the purveyors. The agreement will address WBMWD's role in pursuing AVI's, PCCT's, On-Site Supervisor Training, and customer compliance by signing

the "Conditions for the Introduction and Use of Recycled Water. The purveyors will be asked to shut-off water service if customers (end users) are non-compliant as defined in the agreement.

WBMWD will have a "Recycled Water Purveyor Workshop" to share the direction WBMWD will be taking as summarized above. State and County DHS, CSDLAC representatives will be there to provide additional input and answer questions. Attached is the list of agencies that will be invited to the Workshop (Exhibit B). WBMWD staff will inform the Board of Directors of the time, date, and location for the Workshop.

FISCAL IMPACTS:

None at this time.

ENVIRONMENTAL COMPLIANCE:

None required.

COMMITTEE STATUS:

This item was reviewed at the Water Resources Committee by the Alternate member Director Smith on November 8, 2001 and will be brought to the full Board on November 25, 2001 for review as an information item.

RECOMMENDED MOTION:

This item is for information only.

LIST OF EXHIBITS:

Exhibit "A" - "Conditions for the Introduction and Use of Recycled Water"
Exhibit "B" - List of Recycled Water Purveyor Workshop invitees