

WEST BASIN MUNICIPAL WATER DISTRICT

JULY 2, 2002 – Water Resources

McDonald, Little

JULY 22, 2002 – Board Meeting

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INFORMATION CALENDAR

CONVERSION OF LIME CLARIFICATION TO MICROFILTRATION, TITLE 22 EXPANSION AND
100% BARRIER PROJECT COORDINATION UPDATE

SUMMARY:

The Phase IV Plant expansion involves the following facilities:

- Additional 5 mgd of microfiltration/reverse osmosis (MF/RO) capacity;
- Conversion of existing 5 mgd Lime Clarification pretreatment to MF;
- Provide 12.5 mgd of UV treatment plus peroxide;
- Conversion or modification of the solids handling facilities and/or process; and
- Additional 10 mgd of Title 22 capacity.

Provided below are status reports for significant project activities and milestones.

Regulatory Compliance

It is anticipated that the District will receive a project conditional approval letter from the Department of Health Services (DHS) in July 2002. A tentative DHS public hearing date has been set for August 29, 2002.

Environmental Compliance

This work is scheduled for completion by September 2002.

Phase IV Expansion Design Engineering Services

CDM is proceeding forward on schedule with the Project Feasibility Study. Staff and CDM continue to meet on a weekly basis to discuss technical issues related to plant expansion alternatives. Pre-design services are expected to be completed in November.

Phase IV Expansion – RO Pretreatment Pilot Testing

Pilot testing of four (4) membrane system vendors will begin the week of June 24. Each vendor's proposed system will be tested to determine performance and ability to meet the Phase IV Project requirements and pre-qualify for design-build construction.

Phase IV UV Pilot Testing

Four (4) Ultraviolet (UV) System vendors will begin pilot testing in early July. Pilot testing would be performed by the UV vendors to establish performance criteria and pre-qualify equipment for Phase IV disinfection and NDMA destruction required for MF/RO treated barrier water. Pilot testing will continue through August.

Public Relations

In July, staff intends to schedule internal planning sessions with Lang, Pan, Chan and the entire public relations team. The primary focus will be the development of message points and stakeholder outreach. The development of the ocean-water desalination message points will serve as a foundation for developing the message for the 100% Barrier Project. In addition, a framework for the stakeholder outreach was developed during the Phase I public relations strategy developed by Katz & Associates and their expertise will be vital in the Barrier phase of the Project.

Although the calendar is still under development, the following tentative dates/time periods have been set:

- July 5 - Finalization of Executive Summary/Message
- July 10 – Delivery of final draft of PowerPoint presentation
- July 2-8 – Staff review/revise of FAQ sheet, desalination process handout, initial brochure copy. Copies available end of July.
- Mid-to-late July – Begin Board, staff training
- July 10 – First draft of government outreach strategy (Finalize July 24)
- Early August – Second desalination forum

Water Replenishment District (WRD) Contract

A Special Board Workshop has been planned for late July 1 between WRD and West Basin. One of the agenda items will be to discuss a new purchase agreement for 100% recycled water to the barrier.

FISCAL IMPACTS:

The FY 2002-03 budget program will include designated funds to achieve the aforementioned project activities.

ENVIRONMENTAL COMPLIANCE:

The Board has authorized staff to engage consulting services for developing the documents to comply with the CEQA and NEPA requirements.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Committee on June 5, 2002 and agendaized to the July 22, 2002 Board meeting as information

RECOMMENDED MOTION:

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This item is for information only.

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