

WEST BASIN MUNICIPAL WATER DISTRICT

DECEMBER 6, 2005 - Water Resources

Little, Baker

DECEMBER 19, 2005 - Board Meeting

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Submitted by: Rich Nagel

Approved by: Rich Nagel

INFORMATION CALENDAR

SEAWATER BARRIER WATER CONSERVATION PROJECT UPDATE

SUMMARY:

The Phase IV Expansion Project construction completion is quickly approaching that is accompanied by numerous permit requirements that can be cumbersome and even confusing. West Basin has been working with various regulators to obtain all necessary permits. Below is a list of the permits or approvals West Basin must obtain before expanded plant operations may commence:

SUBJECT	AGENCY APPROVAL	STATUS
Title 22		
Pre Treatment Addition	DHS	Completed
Amended Engineering Report	DHS	Final Draft being revised. Due to staff mid December
Water Recycling Req. Permit Revision	RWQCB	Being submitted w/ Engr. Report by end December
Report of Waste Discharge	RWQCB	Completed
Barrier		
Source Control Implementation Plan Written Plan	DHS	Completed
Operation Maint. & Monitoring Plan	DHS	Completed
Intrinsic Tracer Program	DHS	Final Draft being approved by DHS – sampling started
Report of Waste Discharge	RWQCB	Completed and submitted
UV Disinfection Credit Verification	DHS	Report submitted to DHS awaiting approval
AQMD Permit to Construct	AQMD	Permit submitted 10/28
UV Testing NDMA	DHS	Protocol being developed
Waste Discharge Requirement /Water Recycling Req. (Expansion Permit)	RWQCB DHS oversight	Draft copy being reviewed by staff for January hearing
Brine NPDES Permit	RWQCB	Scheduled for January hearing, but may find admin remedy prior

Staff coordinated over the last year with the California Department of Health Services (DHS) the Facts and Finding (FOF) for the Plant Expansion. The FOF contained a number of conditions that must be fulfilled to allow 75% reclaimed water to be injected into the Seawater Barrier. One of those conditions included the ability for West Basin to perform full scale spike ability on reverse osmosis membranes. DHS agreed that a "full scale demonstration unit" would suffice for this requirement.

A "Request for Bids" (RFB) will be sent at the end of December to a number of potential vendors to provide a proposal for manufacturing and installing this demo unit. Proposals will be due at the end of January 2006 and staff will review the bids and bring back a recommendation to the Board in February 2006.

FISCAL IMPACTS:

A number of these items will require financial contributions and have been accounted for in the Barrier Compliance or Environmental Quality Budgets.

ENVIRONMENTAL COMPLIANCE:

This permit is required for 75% Barrier injection compliance.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Committee on December 6, 2005 and was agendaized to the December 19, 2005 Board meeting.

RECOMMENDED MOTIONS:

This item is for information only.

EXHIBITS:

None.