

**REGULAR MEETING OF THE WATER RESOURCES COMMITTEE
OF THE BOARD OF DIRECTORS
WATER REPLENISHMENT DISTRICT OF SOUTHERN CALIFORNIA
12621 E. 166th Street (Corner, Bloomfield & 166th), Cerritos, California**

1:00 P.M., MONDAY, SEPTEMBER 13, 2004

AGENDA

EACH ITEM ON THE AGENDA, NO MATTER HOW DESCRIBED, SHALL BE DEEMED TO INCLUDE ANY APPROPRIATE MOTION, WHETHER TO ADOPT A MINUTE MOTION, RESOLUTION, PAYMENT OF ANY BILL, APPROVAL OF ANY MATTER OR ACTION, OR ANY OTHER ACTION. ITEMS LISTED AS "FOR INFORMATION" MAY ALSO BE THE SUBJECT OF ANY "ACTION" TAKEN BY THE BOARD OR A COMMITTEE AT THE SAME MEETING.

- I. DETERMINATION OF A QUORUM**
- II. PUBLIC COMMENT**
- III. MINUTES OF THE REGULAR MEETING OF AUGUST 23, 2004**
Staff Recommendation: That the Committee approve the minutes as submitted.
- IV. WEST COAST BASIN OPERATING PLAN PROPOSALS**
Staff Recommendation: That the Committee recommend the Board approve a contract to the firm selected by and for the amount recommended by the proposal review committee.
- V. LEO J. VANDER LANS WATER TREATMENT FACILITY PROJECT UPDATE**
Staff Recommendation: For information.
- VI. ADJOURNMENT**

Posted by Abigail C. Andom, Deputy Secretary, September 8, 2004

**MINUTES OF AUGUST 23, 2004
REGULAR MEETING OF THE WATER RESOURCES COMMITTEE
OF THE BOARD OF DIRECTORS
WATER REPLENISHMENT DISTRICT OF SOUTHERN CALIFORNIA**

A regular meeting of the Water Resources Committee of the Board of Directors of the Water Replenishment District of Southern California was held on August 23, 2004 at 3:40 p.m., at the District Office, 12621 E. 166th Street, Cerritos, California. Chairperson Albert Robles called the meeting to order and presided thereover. Deputy Secretary Abigail C. Andom recorded the minutes.

I. DETERMINATION OF A QUORUM

Attendees at the meeting were as follows:

Committee:	Directors Albert Robles and Robert W. Goldsworthy
Staff:	Mario Garcia, Ted Johnson, Jason Weeks, Charlene King, Hoover Ng
Public:	Fernando Paludi, West Basin Municipal Water District

II. PUBLIC COMMENT

None.

III. MINUTES OF THE REGULAR MEETING OF JULY 6, 2004

The minutes were approved as submitted.

IV. SUPPORT LETTER FOR SOUTH MONTEBELLO IRRIGATION DISTRICT TO RELOCATE WATER WELLS

Chief Hydrogeologist Ted Johnson stated that the District had received a request from the South Montebello Irrigation District (SMID) to support its efforts to obtain Proposition 50 grant funds to replace four of its water wells located within 500 feet of the Rio Hondo Spreading Grounds with two new wells located elsewhere. Mr. Johnson explained that the State Department of Health Services (DHS) has issued draft regulations that may render four wells out of compliance because they are located within 500 feet of the spreading grounds that use recycled water for groundwater recharge. Staff recommended that a support letter be issued as requested by SMID. A draft support letter from WRD to SMID was presented to the Committee for review.

Discussion was held and the Committee recommended that the support letter be revised and taken to the Board for approval.

V. I-105 FREEWAY DEWATERING WELLS BENEFICIAL USE PROJECT

Assistant General Manager and District Engineer Mario Garcia stated that the purpose of the draft request for proposal (RFP) was to select a consultant that would prepare a Department of Health Services (DHS) Policy Memo 97-005 compliance report for the Caltrans I-105 Freeway

Dewatering Project. Mr. Garcia explained that the report would address the concerns of the DHS regarding the proposed treatment. The study would also provide estimated costs and a review of the prior study that proposed the transmission pipeline alignment. He noted that the draft RFP was forwarded to DHS for review and they confirmed that the scope of work outlined would satisfy their requirements.

Discussion followed. Mr. Garcia stated that staff is currently awaiting comments from other project stakeholders before finalizing the RFP which is estimated to be issued in September.

VI. GROUNDWATER BASIN UPDATE

Mr. Johnson provided an update on the groundwater conditions in the basins for the month of July of water year 2003-2004. Some highlights included: Precipitation (Los Angeles Civic Center Station): 9.25 inches (66% of average); Water levels at the Montebello Forebay Key Well 1601T: Elevation = 88.6 ft mean sea level (13 ft lower than last year); Pumping in the Central Basin was at 138,389 af (4.4% higher than last year); and Pumping in the West Coast Basin was at 34,996 af (7.5% lower than last year).

Mr. Johnson also included other highlights regarding the groundwater basins: a list of the top 25 groundwater producers based on 3-year averages was provided with Southern California Water Company, City of Long Beach, City of Downey, California Water Service, and City of South Gate being the top five producers; an analysis by staff showed an excessive buffer of fresh water seaward of the barrier, and the Los Angeles County Department of Public Works (LACDPW) has reduced injection at the West Coast Barrier that will total nearly 1,000 af for the entire year. Monitoring will continue to ensure protection against seawater intrusion while minimizing water purchased for injection; and the updated Engineering Survey and Report was mailed out to the pumpers and interested parties.

VII. WEST COAST BASIN OPERATING PLAN PROPOSALS

Senior Engineer Jason Weeks stated that request for proposals (RFP) for the West Coast Basin Operating Plan were sent out to 10 firms. CH2MHill and Bookman Edmonston were the only two that submitted proposals. Mr. Weeks explained that a proposal review committee met to discuss and rank the two proposals. The committee consisted of Neil Miller of the City of Manhattan Beach and WRD Technical Advisory Committee (TAC) member, Fernando Paludi of West Basin Municipal Water District, and District staff members Charlene King, Ted Johnson, and himself. Mr. Weeks stated that at the proposal review committee meeting, it was determined that interviews with the two firms would be necessary and it would be more efficient to divide the project into two phases. The first phase will involve meetings and interviews with basin stakeholders,

research and review of existing documents, identification of current basin operating objectives and formulation of alternative basin management scenarios. The second phase will involve a more detailed analysis, including modeling and an economic evaluation, of those scenarios developed in the first phase that are determined to be feasible. Meetings with the consulting firms are scheduled for September 2, 2004.

VIII. LEO J. VANDER LANS WATER TREATMENT FACILITY PROJECT UPDATE

Assistant Engineer Charlene King stated that staff continues to run the plant on a periodic basis to help maintain the integrity of the membranes and to help discover any remaining control or operational problems. Ms. King stated that adjustments are currently in progress to improve the monitoring capability of the facility with regard to electrical usage, particularly for the UV system. In addition, staff is working with PK Contractors to address an ongoing problem with the flush valve controls at the Reverse Osmosis system.

Ms. King also stated that the Los Angeles County Department of Public Works (LACDPW) has requested that WRD measure the modified fouling index (MFI) of the product water from the Vander Lans Facility to ensure that the water is low in particulate concentration and acceptable for injection into the barrier wells. She noted that staff has conducted several MFI measurements of the plant's product water, and the initial results indicate that the MFI of the water is well within the limit set by the LACDPW.

Senior Engineer Hoover Ng added that the State Department of Health Services (DHS) issued on July 8, 2004 the Findings of Fact and Conditions for the use of recycled water. Mr. Ng noted that DHS' recommendation of approval of the project was sent to the Regional Water Quality Control Board (RWQCB). A key issue that was resolved was the District's contention that naturally intrinsic water quality differences between the projected blend and the current imported water can be utilized as a means of tracking the movement of recycled water. If these differences are not apparent after 6 months of recycled water injection, then the District would be required to utilize artificial tracers. Staff will work with the RWQCB to agendize the draft permit for its Board as soon as possible.

IX. CONSIDERATION OF RESOLUTION NO. 04-710 - A RESOLUTION OF THE BOARD OF DIRECTORS OF THE WATER REPLENISHMENT DISTRICT OF SOUTHERN CALIFORNIA REGARDING AN ALTERNATIVE WATER SOURCE PLAN RELATED TO THE ALAMITOS BARRIER RECYCLED WATER PROJECT (LEO J. VANDER LANS WATER TREATMENT FACILITY)

Mr. Ng stated that one of DHS' conditions for approval of the Leo J. Vander Lans Water Treatment Facility was that prior to the start of operations, the District must adopt a resolution to develop a plan for providing an alternative source of water supply or treatment of any down gradient drinking water wells that become contaminated as a direct result of the project. Resolution No. 04-710 will fulfill the requirement.

The Committee recommended that the Board adopt Resolution No. 04-710.

X. CONSIDERATION OF RESOLUTION NO. 04- 716 – A JOINT RESOLUTION OF THE BOARD OF SUPERVISORS OF THE COUNTY OF LOS ANGELES, THE BOARD OF DIRECTORS OF THE GREATER LOS ANGELES COUNTY VECTOR CONTROL DISTRICT; THE BOARD OF DIRECTORS OF THE COUNTY SANITATION DISTRICT NO. 8 OF LOS ANGELES COUNTY (COUNTY SANITATION DISTRICT NO. 8), AND THE BOARD OF DIRECTORS OF THE WATER REPLENISHMENT DISTRICT OF SOUTHERN CALIFORNIA APPROVING AND ACCEPTING THE NEGOTIATED EXCHANGE OF PROPERTY TAX REVENUES RESULTING FROM ANNEXATION OF PROJECT NO. 20-204 (L 112-2002) TO COUNTY LIGHTING MAINTENANCE DISTRICT 1687

Mr. Garcia stated that this item normally is reviewed by the Finance Committee but due to timing constraints, from the County of Los Angeles Department of Public Works, the item is before the Water Resources Committee for consideration.

The Committee recommended that the Board adopt Resolution No. 04-716.

XI. ADJOURNMENT

With no further business for the Committee, the meeting was adjourned at 4:15 P.M.

Chairperson

ATTEST:

Director



MEMORANDUM

ITEM NO. IV

Prepared by: Jason Weeks

Reviewed by: Mario Garcia

DATE: SEPTEMBER 13, 2004

TO: WATER RESOURCES COMMITTEE

FROM: ROBB WHITAKER, GENERAL MANAGER

SUBJECT: WEST COAST BASIN OPERATING PLAN PROPOSALS

SUMMARY

During the review of WRD's Capital Improvement Program (CIP), it became apparent that an evaluation of the current basin management objectives for the West Coast Basin needed to be completed before a final recommendation could be rendered on CIP projects associated with that basin. After further discussion on the purpose and intent of such an evaluation, staff developed and distributed a request for proposals (RFP) outlining the proposed scope of work.

On July 29th, the proposal submittal deadline, the District received proposals from CH2MHill and Bookman-Edmonston. On August 16th, the proposal review committee met to discuss and rank the two proposals. At this meeting, it was determined that interviews with the two firms would be necessary and it would be more efficient to divide the project into two phases. The first phase will involve meetings and interviews with basin stakeholders, research and review of existing documents, identification of current basin operating objectives and formulation of alternative basin management scenarios. The second phase will involve a more detailed analysis, including modeling and an economic evaluation, of those scenarios developed in the first phase that are determined to be feasible.

The proposal review committee met with both firms on September 2nd to review the modified scope of work, specifically those tasks identified for the first phase. Based on these meetings, the proposal review committee recommended that each of the firms provide the District with additional information prior to September 8th. Upon receipt of this additional information, the proposal review committee will make a final recommendation and present to the Water Resources Committee.

FISCAL IMPACT

The agreed upon price between the selected firm and the proposal review committee.

STAFF RECOMMENDATION

That the Committee recommend that the Board approve a contract to the firm selected by and for the amount recommended by the proposal review committee.



MEMORANDUM

ITEM NO. V

Prepared by: Charlene King

Reviewed by: Mario Garcia

DATE: SEPTEMBER 13, 2004

TO: WATER RESOURCES COMMITTEE

FROM: ROBB WHITAKER, GENERAL MANAGER

SUBJECT: LEO J. VANDER LANS WATER TREATMENT FACILITY PROJECT UPDATE

SUMMARY

Staff continues to work with PK Contractors and its subcontractors to close out any remaining construction-related issues. Once these issues are resolved, the contractor will be formally released.

Staff is also measuring the modified fouling index (MFI) of the product water from the Vander Lans Facility as requested by the Los Angeles County Department of Public Works (LACDPW). This ensures the County that the water is low in particulate concentration and acceptable for injection into the barrier wells. Staff will be conducting MFI measurements on the imported water currently flowing to the barrier to get a baseline of existing conditions.

The State Department of Health Services (DHS) issued on July 8, 2004 the Findings of Fact and Conditions for the use of recycled water, and sent their recommendation of approval of the project with these conditions to the Regional Water Quality Control Board (RWQCB). Staff will continue to work with the RWQCB to agendize the draft permit for its Board as soon as possible. Staff has also solicited the assistance of DHS to help move this process along.

FISCAL IMPACT

None

STAFF RECOMMENDATION

For information.