

**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

8:30 A.M., FRIDAY, MARCH 5, 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 AN "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 FEBRUARY 9, 2004**
Staff Recommendation: That the Committee approve the minutes as submitted.
- IV. PRESENTATION BY TERRY SPRAGG**
Staff Recommendation: For information.
- V. 2004 ENGINEERING SURVEY AND REPORT UPDATE**
Staff Recommendation: For information.
- VI. REGIONAL GROUNDWATER MONITORING AND REPORT –
WATER YEAR 2002/2003**
Staff Recommendation: That the Committee recommend that the Board receive and file the 2002/2003 Regional Groundwater Monitoring Report
- VII. CLOSED SESSION**
Anticipated litigation per Government Code §54956.9 (b)(1), One Case.
- VIII. ADJOURNMENT**

Posted by Tracey A. Burke, Acting Deputy Secretary, March 1, 2004

**MINUTES OF FEBRUARY 9, 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 February 9, 2004 at 8:15 a.m., at the District Office, 12621 E. 166th Street, Cerritos, California. Chairperson Albert Robles called the meeting to order and presided thereover. Acting 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: Robb Whitaker, Mario Garcia, Hoover Ng, Ted Johnson

II. PUBLIC COMMENT

None.

III. MINUTES OF THE REGULAR MEETINGS OF DECEMBER 15, 2003 AND JANUARY 5, 2004

The minutes were approved as submitted.

IV. REGULATORY PERMIT UPDATE FOR RECYCLED WATER SERVICE TO ALAMITOS SEAWATER BARRIER

Senior Engineer Hoover Ng stated that the Department of Health Services (DHS) public hearing on the Leo J. Vander Lans Water Treatment Facility held February 4, 2004 went well. There were about 30 – 40 people in attendance and no major objections about the project were raised.

Mr. Ng noted that a presentation was made to the City of Seal Beach where the closest domestic production well for the project is located. Southern California Water Company (SCWC) the next closest domestic production well was also in favor of the project. DHS recommended moving forward with the project and is in the process of drafting the findings of fact.

V. UPDATE ON THE 2004 ENGINEERING SURVEY AND REPORT

Chief Hydrogeologist Ted Johnson presented an update on the preliminary findings of the 2004 Engineering Survey and Report (ESR). The ESR determines the amount of pumping, water levels, annual overdraft, accumulated overdraft, change in storage, and the amount of replenishment water needed and its cost for the ensuing year. This information along with the annual budget documentation will provide the

Board with the necessary information to determine the replenishment assessment for 2004/05.

Mr. Johnson provided the following highlights: groundwater pumping for the current year 2003/04 is estimated to be 255,624 AF and an estimated 257,640 AF for the ensuing year based on a five-year average plus 8,000 AF for in-lieu suspension. The annual overdraft is estimated to be at 109,406 AF for the current year and is estimated at 111,422 for the ensuing year. The accumulated overdraft totaled 659,100 AF with a loss of 10,350 AF of storage. Replenishment water costs total approximately \$25.6 million for water purchases for the ensuing year 2004/05 and does not include additional water purchases to make up the overdraft.

Discussion followed on Central Basin Municipal Water District (CBMWD) surcharges for the cost of spreading water. Director Robles asked that this item be included in the agenda for the next Board meeting.

Director Robles also asked that staff include an item on Terry Spragg's water bag technology for the next Water Resources Committee meeting.

VI. ADJOURNMENT

With no further business for the Committee, the meeting was adjourned at 9:40 A.M.

Chairperson

ATTEST:

Director



MEMORANDUM

ITEM NO. IV

Prepared by: Mario Garcia

Reviewed by:

DATE: MARCH 5, 2004

TO: WATER RESOURCES COMMITTEE

FROM: ROBB WHITAKER, GENERAL MANAGER

SUBJECT: PRESENTATION BY TERRY SPRAGG

SUMMARY

Mr. Terry Spragg of Terry G. Spragg and Associates is an inventor and water resources consultant extolling the virtues of his system to transport water in self contained bags from areas with plenty of it, to arid regions such as Southern California. These "Spragg Bags" have been featured in news reports where Mr. Spragg has provided small-scale demonstrations of the technology.

He continues to seek partnerships or sponsorships from local water agencies interested in his concept. Attached are letters of support from the City of San Diego and West Basin Municipal Water District where Mr. Spragg was seeking funding through MWD's Innovative Supply Program (ISP).

Mr. Spragg has been invited to address the committee to provide an update on his activities as well as his future plans for the "Spragg Bag."

FISCAL IMPACT

None.

STAFF RECOMMENDATION

For information.



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West Basin Municipal Water District

17140 S. Avalon Blvd • Suite 210 • Carson, CA 90746-1296

telephone 310-217-2411 • fax 310-217-2414

July 28, 2003

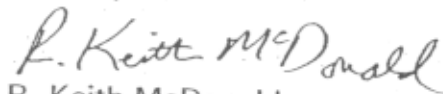
Metropolitan Water District of Southern California
P. O. Box 54153
Los Angeles, CA 90054

To whom it may concern:

The West Basin Municipal Water District requests that the waterbag grant proposal for the Metropolitan Water District (MWD) Innovative Supply Program submitted to MWD by Terry G. Spragg & Associates be given full consideration. West Basin staff has reviewed the waterbag grant proposal, and looks forward to MWD providing the waterbag grant proposal a thorough competitive evaluation as compared to other Innovative Supply Program proposals.

We understand that this letter will be attached to the ISP grant proposal submitted to MWD by Spragg & Associates.

Thank you,


R. Keith McDonald

The WBMWD, with an annual budget of \$100 million, serves nearly 1 million residents in the cities of Carson, Culver City, El Segundo, Gardena, Hawthorne, Hermosa Beach, Inglewood, Lawndale, Lomita, Malibu, Manhattan Beach, Palos Verdes Estates, Rancho Palos Verdes, Redondo Beach, Rolling Hills, Rolling Hills Estates and West Hollywood.

The water district also serves unincorporated portions of Los Angeles County such as Westmont, West Athens, Topanga Canyon, Marina del Rey, Lennox, Ladera Heights and Alondra Park.

R. Keith McDonald
President

Edward C. Little
Vice President

Carol W. Kwan
Secretary

Tyrone Smith
Treasurer

Donald L. Dear
Director



THE CITY OF SAN DIEGO

July 25, 2003

Mr. Terry Spragg
Terry G. Spragg & Associates
420 Highland Ave.
Manhattan Beach, CA 90266

Dear Mr. Spragg,

Subject: Proposed ISP Grant Endorsement

The City of San Diego authorizes you to include this letter along with your Innovative Supply Project (ISP) grant proposal to the Metropolitan Water District of Southern California (MWD). We support your grant proposal to MWD to secure water agency representation and/or sponsorship funding for a California waterbag demonstration voyage as outlined in your ISP grant proposal. By copy of this letter the City of San Diego is exhibiting its support on your behalf to MWD. The City of San Diego recognizes the need for economic, environmental and political acceptability documentation and analysis before further consideration of this concept as contained in the City of San Diego's Long-Range Water Resources Plan. We look forward to working with you in order to assist you in successfully completing the objectives of your grant proposal.

Sincerely,

Larry Gardner
Water Department Director

GA

cc: Marsi Steirer, Deputy Director - Water Policy, CIP Finance & Planning Division
Robert McCullough, Principal Water Resources Specialist, Water Reliability
George Adrian, Associate Civil Engineer, Water Reliability
CIP RMU D2.0

Water Department Director

600 B Street, Suite 1300 (MS 913) • San Diego, California 92101-4588
Tel (619) 533-7555 • Fax (619) 533-7593





MEMORANDUM

ITEM NO. V

Prepared by: Ted Johnson

Reviewed by: Robb Whitaker

DATE: MARCH 5, 2004

TO: WATER RESOURCES COMMITTEE

FROM: ROBB WHITAKER, GENERAL MANAGER

SUBJECT: 2004 ENGINEERING SURVEY AND REPORT UPDATE

SUMMARY

The Board is scheduled to accept and file the 2004 Engineering Survey and Report on March 3, 2004. Following this Board action, staff will mail the reports to the pumpers in the District for their review and to solicit their input on the findings in the report. Over the next two months until the Board adopts the 2004/05 Replenishment Assessment, it is expected that new information will be received that may update some of the findings of the ESR. Staff will present to the Committee any updates thus far.

The tentative schedule to meet the Water Code required deadlines for this year's ESR and Replenishment Assessment process are as follows:

- January 21, 2004 - Board orders the preparation of the ESR;
- March 3 - Board accepts and files ESR and adopts a resolution declaring whether a Replenishment Assessment is needed for the ensuing year;
- April 7 - Board opens the Public Hearing on ESR and proposed Replenishment Assessment;
- April 21 - Close Public Hearing;
- May 5 - Board adopts the FY04/05 Replenishment Assessment.

FISCAL IMPACT

None.

STAFF RECOMMENDATION

For Information.



MEMORANDUM

ITEM NO. VI

Prepared by: Tony Kirk

Reviewed by: Ted Johnson

DATE: MARCH 5, 2004

TO: WATER RESOURCES COMMITTEE

FROM: ROBB WHITAKER, GENERAL MANAGER

**SUBJECT: REGIONAL GROUNDWATER MONITORING REPORT –
WATER YEAR 2002/2003**

SUMMARY

WRD Staff is in the final stages of preparation of the 2002/2003 Regional Groundwater Monitoring Report, which describes the groundwater levels, groundwater quality and replenishment water quality for the Central and West Coast Basins (CWCB) for the previous water year. Staff will present findings from the report at the committee meeting.

The purpose of the Regional Groundwater Monitoring Program is to perform the basic District function of tracking groundwater levels and groundwater quality. This information is utilized to determine the health of the groundwater basins and to assist in development of concepts to optimize the use of our local groundwater resource. The major components of the staff-operated program include the following:

- Establish a network of monitoring wells throughout the District.
- Collect water levels from these wells at regular (daily) intervals using automated data loggers.
- Collect water quality samples from these wells twice per year using the Districts' sampling vehicle.
- Collect water quality data for the different types of replenishment waters recharging the CWCB.
- Analyze the water level and water quality data to establish first hand knowledge of current basin conditions.
- Incorporate the information into WRD's Geographic Information System (GIS) database that can be accessed by Staff, Stakeholders, and the public.
- Prepare Annual Reports on the Program findings.

FISCAL IMPACT

Staff is soliciting quotations from qualified printing services for final printing of the report in similar style and binding as the previous year. Total reproduction expenses are not expected to exceed \$5,000.

STAFF RECOMMENDATION

That the Committee recommend that the Board receive and file the 2002/2003 Regional Groundwater Monitoring Report.