

**A MEETING OF THE WATER RESOURCES COMMITTEE
OF THE BOARD OF DIRECTORS
WATER REPLENISHMENT DISTRICT OF SOUTHERN CALIFORNIA
4040 PARAMOUNT BOULEVARD, LAKEWOOD, CALIFORNIA 90712
12:00 P.M., WEDNESDAY, JUNE 4, 2008**

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.

- 1. DETERMINATION OF A QUORUM**
- 2. PUBLIC COMMENT**
- 3. DROUGHT PLAN FINAL DRAFT**
Staff Recommendation: For information.
- 4. GROUNDWATER BASIN UPDATE**
Staff Recommendation: For information.
- 5. SOUTH MONTEBELLO IRRIGATION DISTRICT WELL NUMBER 5**
Staff Recommendation: For information.
- 6. REFINERY WORKING GROUP UPDATE**
Staff Recommendation: For information.
- 7. DIRECTORS REPORTS, INQUIRIES, REVIEW OF DIRECTIONS TO STAFF**
- 8. ADJOURNMENT**

Posted by Abigail C. Andom, Deputy Secretary, May 30, 2008.



MEMORANDUM

ITEM NO. 3

<i>Prepared by:</i>	Nancy Matsumoto
<i>Reviewed by:</i>	Ted Johnson
<i>Approved by:</i>	Robb Whitaker

DATE: JUNE 4, 2008

TO: WATER RESOURCES COMMITTEE

FROM: ROBB WHITAKER, GENERAL MANAGER

SUBJECT: DROUGHT PLAN FINAL DRAFT

SUMMARY

Per the Committee's direction at the November 2007 meeting, staff and Mr. Dick Rhone of Bookman-Edmonston have drafted an updated drought management plan for the District. This plan provides a clear outline of steps which could be implemented by WRD and other water agencies and purveyors in preparation for and response to water supply curtailment as a result of drought conditions. Groundwater will help replace surface water in times of drought, and therefore a well developed plan is needed to ensure that sufficient groundwater is available and agreements and infrastructure are in place to fully utilize the groundwater when needed.

The drought management plan will cover the following topics:

- Principles of Drought Management
- Historical Drought Management Activities
- Resources for Drought Management
- Long Range Drought Management Planning
- Judgment and Overpumping Basins
- Methods of Increasing Pumping
- Summary of Proposed Drought Management Activities

Mr. Rhone will present a summary of the final draft plan to the Committee for review and discussion.

FISCAL IMPACT

None at this time.

STAFF RECOMMENDATION

For information.



MEMORANDUM

ITEM NO. 4

Prepared by: Ted Johnson

Reviewed by: Nancy Matsumoto

Approved by: Robb Whitaker

DATE: JUNE 4, 2008

TO: WATER RESOURCES COMMITTEE

FROM: ROBB WHITAKER, GENERAL MANAGER

SUBJECT: GROUNDWATER BASIN UPDATE

SUMMARY

Staff, as part of the San Gabriel Valley Protective Association and Distribution Committee, has been working to secure some of the upcoming San Gabriel Mountains reservoir water releases later this summer. This will be an unanticipated benefit to replenish the District aquifers and to help offset an otherwise dry year and continued suspension of MWD spreading water deliveries. The water will also help alleviate potential issues regarding recycled water blending criteria.

As of this writing, the Los Angeles County Department of Public Works reports that 46,000 acre feet (AF) of captured winter runoff water are available for release. As requested by the Distribution Committee, half of it will be conserved in the Main San Gabriel Basin and the other half will be sent down to the Central Basin and recharged in the Rio Hondo spreading grounds. A preliminary schedule subject to change is as follows:

July 2 to August 5 (35 days)

Morris Dam release = 300 cubic feet per second (cfs)

Santa Fe Spreading Grounds intake = 95cfs

San Gabriel River (SGR) Percolation in Main Basin = 70cfs

Flows to be sent down SGR to Zone 1 Ditch to reach Central Basin at Rio Hondo Spreading Grounds intake = 135cfs

Main Basin credit = 11,500AF

Central Basin credit = 9,400AF

August 6 to August 26 (21 days)

Morris release = 300cfs

Santa Fe SG intake = 80cfs

River Percolation in Main Basin = 40cfs

Flows to be sent through the Santa Fe Diversion and Peck Pit to reach Rio Hondo SG = 180cfs

Main Basin credit = 5,000AF

Central Basin credit = 7,500AF

August 27 to September 30 (35 days)

Morris release = 180cfs

Santa Fe SG intake = 50cfs

River Percolation in Main Basin = 40cfs

Flows to be sent through the Santa Fe Diversion and Peck Pit to reach Rio Hondo SG = 90cfs

Main Basin credit = 6,300AF

Central Basin credit = 6,300AF

Total to be delivered to Main Basin will be approximately 23,000AF

Total to be delivered to Central Basin will be approximately 23,000AF

A portion of the flows shown above for delivery to Santa Fe SG may be delivered to the San Gabriel Canyon SG depending on operational constraints.

Percolation between Morris Dam and river gauging stations F263-R or F313B-R will be credited to Main San Gabriel Basin. Percolation below F263-R and below F313B-R will be credited to Central Basin.

FISCAL IMPACT

None. The water will be delivered by the County for the benefit of Central and West Coast Basins at no cost to WRD. If this water were to be purchased at current MWD imported spreading rates, it would cost the District approximately \$6,000,000 (23,000AF times \$258/AF).

STAFF RECOMMENDATION

For information.



MEMORANDUM

ITEM NO. 5

Prepared by: Ted Johnson

Reviewed by: Nancy Matsumoto

Approved by: Robb Whitaker

DATE: JUNE 4, 2008

TO: WATER RESOURCES COMMITTEE

FROM: ROBB WHITAKER, GENERAL MANAGER

SUBJECT: SOUTH MONTEBELLO IRRIGATION DISTRICT WELL NUMBER 5

SUMMARY

The South Montebello Irrigation District operates several groundwater wells near the Rio Hondo Spreading Grounds and provides the water to their customers. Well Number 5 is located at the head works of the spreading grounds, about 60 feet from the nearest recharge basin. The well was tested by WRD several years ago to determine the travel time of recycled water from the spreading grounds to the well, and it was found to be less than that required by the California Department of Public Health (CDPH). Therefore, WRD used a packer to seal off the upper perforations in the well, repeated the test, and increased the travel time to the well to be in compliance with CDPH.

South Montebello Irrigation District has contacted WRD regarding the future of this well. Because of the well's age, proximity to the spreading grounds, and the future business plans of South Montebello Irrigation District, they would like to begin discussions about possibly transferring the well and surrounding lot to WRD for use as a testing and research well related to the spreading grounds and increased use of recycled water versus continuing to use the well for a potable supply.

Staff have evaluated the preliminary concepts of the proposal and see benefits to WRD for the plan. Staff would like to discuss this concept with the Committee before proceeding further with discussions and associated research, to hear opinions and receive direction by the Committee.

FISCAL IMPACT

None at this time.

STAFF RECOMMENDATION

For information.



MEMORANDUM

ITEM NO. 6

Prepared by: Jason Weeks

Reviewed by: Bob Siemak

Approved by: Robb Whitaker

DATE: JUNE 4, 2008

TO: WATER RESOURCES COMMITTEE

FROM: ROBB WHITAKER, GENERAL MANAGER

SUBJECT: REFINERY WORKING GROUP UPDATE

SUMMARY

District staff has been working with basin stakeholders to evaluate methods to more efficiently operate the West Coast Basin. As a result of these discussions, a Refinery Working Group was established in 2007 to focus on mutually beneficial alternative water use options to reduce operating costs.

The West Coast Basin was selected as a region of focus due to its high cost of replenishment, which occurs through the two barriers systems, Dominguez Gap and West Coast, located within the Basin. These Barriers require either costly non-interruptible imported water or highly treated recycled water. Groundwater extractions in the vicinity of these Barriers have a direct impact on the quantity of water that must be purchased to maintain protective elevations. Reductions in groundwater extractions in the vicinity of these Barriers will result in reduced injection demands, and cost savings to the District.

Much of the groundwater extracted in the vicinity of the Barriers is by the refineries for non-potable industrial purposes. The four refineries in the West Coast Basin currently using groundwater are BP, ExxonMobil, Tesoro and ConocoPhillips. Representatives from each of these refineries have attended meetings of the Refinery Working Group and have indicated their willingness to enter into an MOU to work cooperatively to maximize the use of recycled water and minimize groundwater production and imported water use in oil refinery operations in the West Coast Basin.

Participants have agreed upon the MOU language and District staff is currently in the process of collecting remaining signatures to finalize document.

District staff will provide the committee with an update on the MOU and plans for future meetings of the Refinery Working Group.

FISCAL IMPACT

None at this time.

STAFF RECOMMENDATION

For information.