

**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, JULY 7, 2010**

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, PAYMNET 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. MINUTES OF THE MEETINGS OF MARCH 3, 2010, MARCH 16, 2010, AND MARCH 23, 2010**
Staff Recommendation: Approve as submitted.
- 4. GROUNDWATER BASIN UPDATE**
Staff Recommendation: For information.
- 5. UPDATE ON RFP FOR REPLENISHMENT WATER**
Staff Recommendation: For information.
- 6. NO COST TIME EXTENSION WITH USGS FOR GROUNDWATER MODELING AND HYDROGEOLOGIC INVESTIGATIONS**
Staff Recommendation: Enter into a no-cost time extension with the USGS to extend the term of the current modeling agreement to March 31, 2011.
- 7. GROUNDWATER RELIABILITY IMPROVEMENT PROGRAM (GRIP) UPDATE**
Staff Recommendation: For information.
- 8. DIRECTORS REPORTS, INQUIRIES, REVIEW OF DIRECTIONS TO STAFF**
- 9. ADJOURNMENT**

Posted by Abigail C. Andom, Deputy Secretary, July 2, 2010.

In compliance with the Americans with Disabilities Act (ADA), if special assistance is needed to participate in the Board meeting, please contact Deputy Secretary Abigail Andom at (562) 921-5521 for assistance to enable the District to make reasonable accommodations.

All public records relating to an agenda item on this agenda are available for public inspection at the time the record is distributed to all, or a majority of all, members of the Board. Such records shall be available at the District office located at 4040 Paramount Boulevard, Lakewood, California 90712.

Agendas and minutes are available at the District's website, www.wrd.org.

UNAPPROVED
MINUTES

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MINUTES

**MINUTES OF MARCH 3, 2010
SPECIAL MEETING OF THE WATER RESOURCES COMMITTEE
OF THE BOARD OF DIRECTORS
WATER REPLENISHMENT DISTRICT OF SOUTHERN CALIFORNIA**

A meeting of the Water Resources Committee of the Water Replenishment District of Southern California was held on Wednesday, March 3, 2010, 12:58 p.m. at the District Office, 4040 Paramount Boulevard, Lakewood, California. Director Rob Katherman called the meeting to order and presided thereafter. Deputy Secretary Abigail C. Andom recorded the minutes.

1. DETERMINATION OF A QUORUM

Attendees at the meeting were as follows:

Committee: Directors Rob Katherman and Albert Robles

Staff: Robb Whitaker, Ted Johnson, Jason Weeks, Jim McDavid

2. PUBLIC COMMENT

None.

3. APPROVAL OF THE MINUTES OF JANUARY 6, 2010

The minutes were approved as submitted.

4. GROUNDWATER BASIN UPDATE

Chief Hydrogeologist Ted Johnson provided an update on groundwater conditions in the Central and West Coast Basins. Mr. Johnson stated that precipitation as of February 2010 was higher than last year's, with total average rainfall for the entire water year at 14.41 inches. He explained that with an El Niño winter, it is expected that rainfall for this year would result in an average year.

Mr. Johnson also provided the Committee with an update on the status of Central Basin Municipal Water District's (CBMWD) appeal regarding additional Tier 1 untreated water for spreading from the Metropolitan Water District (MWD). He noted that he is hopeful that the allocation will allow for more additional water which WRD could get as soon as Monday, March 8.

Discussion followed on the proposed schedule of the Engineering Survey and Report (ESR) and the replenishment assessment setting. The Committee recommended that the External Affairs Committee at its next scheduled meeting review the issue of changing the District's fiscal year to match its water year.

5. RECEIVE AND FILE ENGINEERING SURVEY AND REPORT; ADOPT RESOLUTION TO SET A REPLENISHMENT ASSESSMENT IN 2010/11

Mr. Johnson presented the proposed schedule for the preparation of the Engineering Survey and Report (ESR) and the setting of the replenishment assessment. He also presented the various water purchases and water cost scenarios.

The Committee recommended the Board adopt Resolution No. 10-872 which orders the acceptance and filing of the ESR and declaring that funds shall be raised to purchase water for replenishment for the next ensuing fiscal year.

6. LONG BEACH TIER 1 GROUNDWATER STORAGE AGREEMENT AMENDMENT

The Committee recommended the Board authorize the General Manager to amend the termination date of the Tier 1 water storage agreement with Long Beach Water Department to December 31, 2011, subject to approval of form by District Counsel.

7. IMPACT OF INDUSTRIAL REPLENISHMENT ASSESSMENT

Senior Engineer Jason Weeks provided the Committee with a summary of non-potable groundwater production in the Central and West Coast basins. He noted that there was a concentration of non-potable production in the vicinity of the Dominguez Gap Barrier.

Discussion followed on possible implementation of an industrial replenishment assessment for non-potable groundwater production to encourage additional use of recycled water.

The Committee recommended the item be agendaized for Board discussion.

8. AWARD OF CONTRACT FOR REDEVELOPMENT OF GOLDSWORTHY DESALTER PRODUCTION WELL MADRONA #2

The Committee recommended the Board enter into an agreement with Layne Christensen Company, subject to approval of form by District Counsel, for redevelopment and refurbishment of well Madrona #2, for an amount not to exceed \$92,000.

9. REQUEST FOR PROPOSALS FOR REPLENISHMENT WATER

Senior Engineer Jason Weeks stated that staff has been working on a request for proposal (RFP) for replenishment water in order to find other sources of water since surplus replenishment water has not been available since May 2007. Mr. Weeks explained that it is staff's intention to keep the time frame of the RFP open-ended and evaluate proposals on a first come-first serve basis with the District having a right of refusal.

Discussion followed and the Committee recommended the item be continued to the next meeting.

10. REQUEST FOR PROPOSALS FOR FIELD SERVICES

The Committee recommended the Board approve the issuance of request for proposals for as-needed field services.

11. GROUNDWATER RELIABILITY IMPROVEMENT PROGRAM (GRIP) UPDATE

Senior Engineer Jim McDavid provided an update on the Groundwater Reliability Improvement Program (GRIP) project. Mr. McDavid stated that the GRIP Joint Ad Hoc Committee is scheduled to meet on March 8 to review the evaluation scores of the public outreach candidates. He explained that it is expected that a firm will be chosen at that time to perform the effort. He noted that on February 19, the Board approved the award of contract to RMC Water and Environment for the Alternatives Analysis study. A kick off meeting was held on February 25 with WRD staff and a follow-up meeting with the partner agencies will be scheduled soon.

8. DEPARTMENT REPORT

None.

9. DIRECTORS REPORTS, INQUIRIES, REVIEW OF DIRECTIONS TO STAFF

Director Katherman asked that staff provide an update on the following: efforts regarding groundwater recharge at the Los Angeles River, expansion of the Leo J. Vander Lans Water Treatment Facility, and the West Coast Basin Master Plan.

The Committee also requested Dick Rhone of GEI Consultants to make a presentation on the San Gabriel River Watermaster Judgment at a Board meeting.

The next Water Resources Committee is scheduled for Tuesday, March 16, 2010 at 12:00 p.m.

10. ADJOURNMENT

With no further business for the Committee, the meeting was adjourned at 2:15 p.m.

Chair

ATTEST:

Member

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**MINUTES OF MARCH 16, 2010
SPECIAL MEETING OF THE WATER RESOURCES COMMITTEE
OF THE BOARD OF DIRECTORS
WATER REPLENISHMENT DISTRICT OF SOUTHERN CALIFORNIA**

A meeting of the Water Resources Committee of the Water Replenishment District of Southern California was held on Tuesday, March 16, 2010, 1:20 p.m. at the District Office, 4040 Paramount Boulevard, Lakewood, California. Director Rob Katherman called the meeting to order and presided thereafter. Deputy Secretary Abigail C. Andom recorded the minutes.

1. DETERMINATION OF A QUORUM

Attendees at the meeting were as follows:

Committee: Directors Rob Katherman and Albert Robles

Staff: Robb Whitaker, Ted Johnson, Paul Fu

2. PUBLIC COMMENT

None.

3. TIME EXTENSION FOR PROFESSIONAL SERVICES AGREEMENT WITH RMC WATER AND ENVIRONMENT FOR PALOS VERDES DEWATERING & GROUNDWATER REUSE STUDY

The Committee recommended the Board extend the termination date of the professional services agreement with RMC Water and Environment to June 30, 2010, with no additional cost to the District.

4. CONSULTANT SELECTION FOR THE PRELIMINARY DESIGN OF THE VANDER LANS FACILITY EXPANSION

Senior Engineer Paul Fu stated that the Board approved the issuance of request for proposals for the preliminary design of the Leo J. Vander Lans Water Treatment Facility expansion. Dr. Fu noted that the District's Technical Advisory Committee (TAC) had recommended WRD proceed with consultant selection for the pre-design with the condition that the District begin negotiation a contract with LBWD to secure source water for the project. After the selection process including evaluation by a proposal review panel was conducted, CH2M HILL was ranked highest among the firms that have submitted proposals. It is expected that the preliminary design would take about seven (7) months to complete.

The Committee recommended the Board approve award of a professional services contract with CH2M HILL for the preliminary design of the Vander Lans expansion, subject to approval of form by District Counsel, for an amount not to exceed \$524,900, plus a contingency of \$52,500 for a maximum authorized amount of \$577,400.

5. UPDATE ON GROUNDWATER BASIN AND UNTREATED TIER 1 SPREADING DELIVERY FROM CBMWD

Chief Hydrogeologist Ted Johnson provided an update on the status of Central Basin Municipal Water District's (CBMWD) appeal regarding additional Tier 1 untreated water for spreading from the Metropolitan Water District (MWD). Mr. Johnson stated that delivery of water is expected on Friday, March 12. He noted that, according to the District's agreement with CBMWD, WRD is not responsible for the any surcharges or penalties in the event the allocation is exceeded.

6. DIRECTORS REPORTS, INQUIRIES, REVIEW OF DIRECTIONS TO STAFF

Director Robles asked that staff provide an update on the status of the deviation report with the US Army Corps of Engineers. He also asked that staff find local community papers that meet the posting requirements of the public hearing on the replenishment assessment for next year's rate setting process.

The next Water Resources Committee is scheduled for Wednesday, March 24, 2010 at 12:00 p.m.

7. ADJOURNMENT

With no further business for the Committee, the meeting was adjourned at 2:02 p.m.

Chair

ATTEST:

Member

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**MINUTES OF MARCH 23, 2010
SPECIAL MEETING OF THE WATER RESOURCES COMMITTEE
OF THE BOARD OF DIRECTORS
WATER REPLENISHMENT DISTRICT OF SOUTHERN CALIFORNIA**

A meeting of the Water Resources Committee of the Water Replenishment District of Southern California was held on Tuesday, March 23, 2010, 9:30 a.m. at the District Office, 4040 Paramount Boulevard, Lakewood, California. Director Rob Katherman called the meeting to order and presided thereafter. Deputy Secretary Abigail C. Andom recorded the minutes.

1. DETERMINATION OF A QUORUM

Attendees at the meeting were as follows:

Committee: Directors Rob Katherman and Albert Robles
Staff: Robb Whitaker, Ted Johnson, Jason Weeks

2. PUBLIC COMMENT

The Committee welcomed Ana Ananda, Engineering and Operations Manager of Central Basin Municipal Water District (CBMWD) to the meeting.

3. 2010/2011 REPLENISHMENT WATER DISCUSSION

Chief Hydrogeologist Ted Johnson stated that staff has been developing various water purchases and water costs scenarios as part of its annual replenishment assessment setting process. Mr. Johnson presented the various scenarios explaining the potential impact of each scenario to the replenishment assessment. He noted that the District's Technical Advisory Committee (TAC) reviewed the scenarios at its March 17 meeting and had recommended Option E – Untreated Tier 1 spreading water, 50% recycled water at WBBP, no Optimum Quantity, include In-Lieu Program or if the In-Lieu Program is not available to put the money into a water purchase reserve fund. He stated that the Committee had previously recommended Option B – same as Option E but with no In-Lieu Program. Mr. Johnson also reported that the Los Angeles County Sanitation Districts recently informed the District that it will be increasing its charges for recycled spreading water by 67%, from \$20.66 per acre-foot to \$34.40 per acre-foot.

Discussion followed. The Committee recommended the Board adopt Option E, and requested staff to make budget presentations to the water associations.

4. REQUEST FOR PROPOSALS FOR REPLENISHMENT WATER

Senior Engineer Jason Weeks stated that staff has been working on a request for proposal (RFP) for replenishment water in order to find other sources of water since surplus replenishment water has not been available since May 2007. Mr. Weeks noted that the Committee reviewed the item at its March 3 meeting and requested that it be continued to a

future meeting. He presented the draft RFP noting that the time frame of the RFP is open-ended, with the no specific minimum or maximum quantity of water required, and asking for a description of means of delivery, detailed schedule and costs of the replenishment water.

Discussion followed and the Committee recommended the Board approve the issuance of a request for proposal for replenishment water.

5. DIRECTORS REPORTS, INQUIRIES, REVIEW OF DIRECTIONS TO STAFF

Director Katherman requested a review of Water Resources projects and programs budgeted for fiscal year 2010-2011.

6. ADJOURNMENT

With no further business for the Committee, the meeting was adjourned at 10:30 a.m.

Chair

ATTEST:

Member



MEMORANDUM

ITEM NO. 4

Prepared by: Nancy Matsumoto

Reviewed by: Ted Johnson

Approved by: Robb Whitaker

DATE: JULY 7, 2010
TO: WATER RESOURCES COMMITTEE
FROM: ROBB WHITAKER, GENERAL MANAGER
SUBJECT: GROUNDWATER BASIN UPDATE

SUMMARY

Staff monitors groundwater conditions in the Central and West Coast Basins throughout the year. A summary of current conditions is presented below.

Precipitation:

The Los Angeles Times daily weather almanac reports that precipitation in downtown Los Angeles as of June 23, 2010 has been 16.36 inches since July 1, 2009, compared to normal by this day of 15.14 inches. This amount is 1.22 inches above normal (8%) and represents that the region had a slightly above normal year so far.

Replenishment:

WRD is responsible for the replenishment of the Central and West Coast Basins. WRD works in cooperation with the Los Angeles County Flood Control District (LACFCD), who owns and operates the Rio Hondo and San Gabriel Coastal Spreading Grounds in the Montebello Forebay and three seawater intrusion barrier systems along the coast, the West Coast Barrier (WCB), Dominguez Gap Barrier (DGB) and Alamitos Barrier (AB). WRD purchases recycled and imported waters to be spread or injected by these facilities for groundwater replenishment and seawater intrusion control. A summary of replenishment water amounts for the current Water Year is shown on the table below.

Seasonal imported water for spreading which WRD has historically utilized has not been available from the Metropolitan Water District of Southern California (MWD) since May 2007 due to continued drought conditions, environmental issues, and judicial decisions on the Bay Delta. There is no indication that this water will be available anytime soon. Therefore, the WRD Board authorized the purchase of untreated Tier 1 water (MWD firm delivery water) for spreading and replenishment. A total of 3,001.8 acre feet (AF) of this water was purchased from the City of Long Beach between October and November 2009, a total of 20,295 AF was purchased from Central Basin Municipal Water District (CBMWD) between December 2009 and April 2010, and a total of 2,989 AF was purchased from the City of Long Beach in April 2010.

Recycled water for spreading is being maximized in light of new permit requirements that were enacted in 2009. The previous permit requirements included a 50% cap on recycled water spreading per year, a 35% cap on a running 3-year average of recycled water spreading, a 60,000 AF cap on recycled water spreading per year, and a 50,000 AF cap on a running 3-year average of recycled water spreading. The new permit requirements include a 35% cap on a 5-year average of recycled water spreading, with no annual percentage or volume restrictions.

Modifications have been made to a discharge point to allow additional recycled water to be captured and recharged that was previously lost to the ocean. Progress is being made on the Interconnection Pipeline and the Groundwater Reliability Improvement Program (GRIP) to increase recycled water usage in the future.

Local water recharge (stormwater and river base flow) is captured at the Rio Hondo and San Gabriel Coastal Spreading Grounds by LACFCD. Due to the time involved by LACFCD in tracking and reporting on their 23 spreading grounds county-wide, the LACFCD numbers are usually a few months behind the current date and are considered preliminary and subject to change.

At the seawater intrusion barriers, both Tier 1 potable imported water and advanced treated recycled water are being injected to control seawater intrusion and to replenish the aquifers.

| Water Year 2009-2010 (Oct. 1 - Sep. 30) | Planned for the Year (AF) | Amount to Date (AF) | Through End of | Projected for WY0910 (AF) |
|--|--|------------------------------------|---------------------------|--|
| Spreading, Imported | 21,000 | 26,286 | May | 26,286 ³ |
| Spreading, Recycled ¹ | 50,000 | 34,123 | Apr | 50,000 |
| Spreading, Local | 54,000 | 38,196 | Mar | 54,000 |
| West Coast Injection, Imported | 3,800 | 4,628 | Apr | 7,920 |
| West Coast Injection, Recycled | 11,400 | 4,932 | Apr | 8,056 |
| Dominguez Injection, Imported | 4,000 | 3,104 | Apr | 5,904 |
| Dominguez Injection, Recycled | 4,000 | 1,147 | Apr | 1,847 |
| Alamitos Injection, Imported ² | 2,100 | 1,684 | Apr | 2,755 |
| Alamitos Injection, Recycled ² | 2,100 | 1,065 | Apr | 2,053 |
| TOTAL | 152,400 | 115,165 | -- | 158,821 |

¹ Recycled includes purchased water from Whittier Narrows & San Jose Creek and incidental recharge from Pomona Plant.

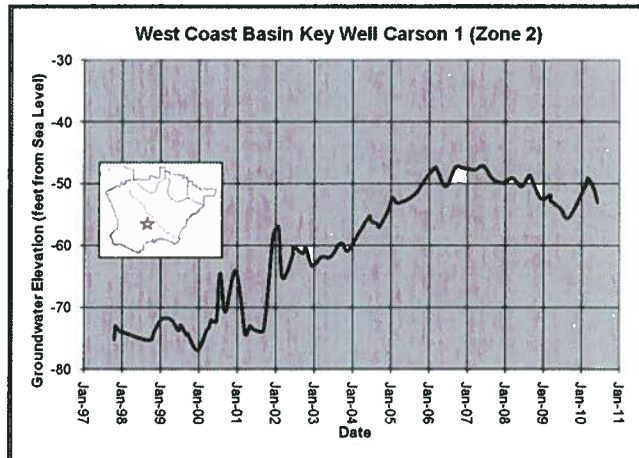
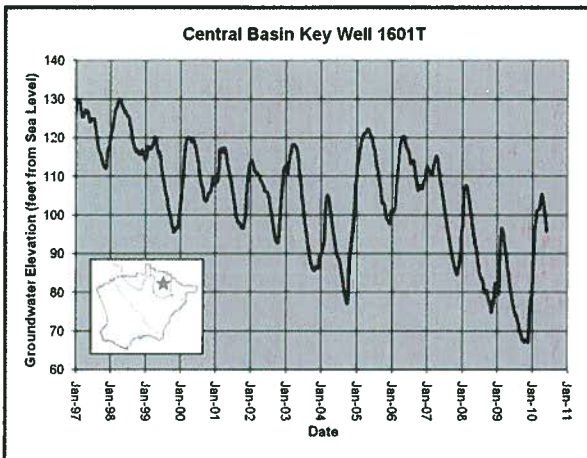
² Alamitos Barrier Water purchased by WRD for L.A. County side of barrier. Does not include Orange County purchases.

³ 21,000 AF purchased as planned for WY0910. Additional purchase of 5,286 AF helps offset imported deficit of 29,987 AF, leaving 24,701 AF remaining on imported water deficit (water unable to be purchased over past 3 years).

Groundwater Levels:

Groundwater levels in Central and West Coast Basin key wells are shown below. In the Central Basin key well 1601T, water levels in the unconfined aquifer rise and fall sharply over the seasons as winter and spring precipitation causes water levels to rise whereas summer and autumn pumping and lack of rainfall causes water levels to drop. Over the previous 4 years, water levels had fallen over 40 feet to their lowest levels in 32 years due to lower-than-normal precipitation and lack of imported replenishment water.

However, an above-average rainy season, the purchase of untreated Tier 1 water for spreading by WRD and recycled water spreading have caused water levels to rise over 30 feet, then drop slightly after imported water spreading orders were completed. This gain helps to make up some of the overall groundwater depletion seen by the basins during the past 9 out of 11 years, but additional years of above-normal rainfalls and continued spreading of imported and recycled water in the seasons ahead will be necessary to return the basins to their Optimum Quantity.



In the West Coast Basin, seasonal water level fluctuations in the confined aquifers are not as pronounced as in the Central Basin because recharge is relatively stable from the seawater barrier injection wells and because pumping is also relatively steady throughout the year. But long-term seasonal trends occur based on overall recharge and discharge amounts. In this key well, water levels generally rose between 1997 and 2006, leveled off between 2006 and 2008, declined in 2009 then rebounded through the early part of 2010.

Pumping:

The amount of pumping in the District in the current Water Year versus the previous Water Year is shown on the table below. The Central Basin is currently 3.02% below the previous year and the West Coast Basin is currently 2.27% lower than the previous year. WRD is forecasting total pumping for the Water Year at 240,200 AF based on current information and estimation.

| Basin | October – April | | Difference (AF) | Difference (%) | Total Planned for Water Year |
|------------|-----------------|------------------|-----------------|----------------|------------------------------|
| | Current WY (AF) | Previous WY (AF) | | | |
| Central | 105,577.39 | 108,860.45 | -3,283.06 | -3.02 | 201,500 |
| West Coast | 24,804.00 | 25,379.14 | -575.14 | -2.27 | 38,700 |
| TOTAL | 130,381.39 | 134,239.59 | -3,858.20 | -2.87 | 240,200 |

FISCAL IMPACT

For information.

STAFF RECOMMENDATION

For information.



MEMORANDUM

ITEM NO. 5

Prepared by: Jason Weeks

Reviewed by: Ted Johnson

Approved by: Robb Whitaker

DATE: JULY 7, 2010

TO: WATER RESOURCES COMMITTEE

FROM: ROBB WHITAKER, GENERAL MANAGER

SUBJECT: UPDATE ON RFP FOR REPLENISHMENT WATER

SUMMARY

One of the District's main functions is to replenish the Central and West Coast basins to keep them usable as a local water supply for the adjudicated rights holders. The ability of the District to find replenishment water from traditional sources is becoming more challenging and more expensive. For example, since May 2007 one of the District's main sources of replenishment water, seasonal imported water, has not been made available by the Metropolitan Water District (MWD) due to problems in the Bay Delta including drought, environmental issues, and judicial decisions. According to MWD, there is no indication as to when this water may be available again, if ever.

As a result, on April 16, 2010, the WRD Board of Directors approved the issuance of a request for proposals (RFP) for the purchase of replenishment water. This RFP was distributed at the Association of California Water Agencies (ACWA) conference held in late April 2010 and has been posted on the District's web sites and other media outlets.

As of June 30, 2010, District staff has not received any formal proposals for replenishment water, however, multiple entities have inquired about the RFP.

District staff will provide the Committee with an overview of inquiries received to date and possible next steps for securing future replenishment water.

FISCAL IMPACT

For information.

STAFF RECOMMENDATION

For information.



MEMORANDUM

ITEM NO. 6

Prepared by: Ted Johnson

Reviewed by: Nancy Matsumoto

Approved by: Robb Whitaker

DATE: JULY 7, 2010

TO: WATER RESOURCES COMMITTEE

FROM: ROBB WHITAKER, GENERAL MANAGER

SUBJECT: NO COST TIME EXTENSION WITH USGS FOR GROUNDWATER MODELING AND HYDROGEOLOGIC INVESTIGATIONS

On December 18, 2009, the Board of Directors approved a contract with the U.S. Geological Survey (USGS) for hydrogeologic research and analysis, including completion of a three-dimensional soils textural model, determination of aquifer physical properties, updates to the original regional computer model, calibration of the new model, development of model processors, and application of the model to District management needs.

The term of the agreement is set to expire on September 30, 2010. However, due to a new financial system that the USGS will be migrating to at the beginning of the upcoming federal fiscal year, they have requested a No Cost Extension (NCE) to extend the term of the agreement to March 31, 2011. Details of the request are attached to this staff report.

FISCAL IMPACT

None. This is a no-cost time extension to the existing agreement.

STAFF RECOMMENDATION

Enter into a no-cost time extension with the USGS to extend the term of the current modeling agreement to March 31, 2011.



IN REPLY REFER TO:

United States Department of the Interior

U. S. GEOLOGICAL SURVEY

California Water Science Center

6000 J Street, Placer Hall

California State University

Sacramento, California 95819-6129

Phone: (916) 278-3000 Fax: (916) 278-3070

<http://water.wr.usgs.gov>

June 18, 2010

Mr. Ted Johnson
Water Replenishment District of Southern California
4040 Paramount Boulevard
Lakewood, CA 90712

Dear Mr. Ted Johnson:

This letter requests the processing of a No Cost Extension (NCE) Joint Funding Agreement (JFA) between the Water Replenishment District of Southern California and the U.S. Geological Survey (USGS) California Water Science Center for our existing Data Program / Investigations Program agreement that currently ends on September 30th, 2010. This NCE would extend the end date of this current agreement through March 31, 2011.

The USGS is migrating to a new financial system beginning in Federal Fiscal Year (FFY) 2011, which begins October 1, 2010. We have been notified that there will be a 6 week blackout period where we will be unable to enter new agreements into the new system. It has been recommended that we maintain active agreements for an extended period entering FFY 2011 until the new system is fully operational.

In the coming months we will be sending our FFY 2011 agreements for the Data Program, covering the period November 2010 to October 2011. The overlapping time period between these requested NCE JFA's and our FFY 2011 agreements will allow a smooth transition to the FFY 2011 agreements when our new financial system is ready to accept new agreements.

For our Investigations Program, where in many cases we currently process amended JFA's as needed for additional funds or extended time periods, we will continue to process agreements at the time additional funds or extended time periods are required – if necessary, in addition to the NCE JFA requested here.

Enclosed are four originals of a NCE JFA 07W4CAD21710, A5 for your approval. Work performed with funds from this agreement will be conducted on a fixed-price basis. If you are in agreement with this proposed amendment to the program, please return three signed JFA's to our office. The fourth JFA is for your records, pending USGS approval. Upon approval, a fully executed JFA will be forwarded for your records.

Ted Johnson - Water Replenishment District of Southern California

The USGS is required to have an agreement in place prior to any work being performed on a project. Your immediate response to processing this NCE JFA would be greatly appreciated.

If you have any questions concerning this program, please contact Ken Belitz at (619) 225-6150. If you have any administrative questions, please contact Irene Rios, in our San Diego Office, at (619) 225-6156.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric G. Reichard". The signature is fluid and cursive, with a long horizontal stroke at the end.

Eric G. Reichard
Director, USGS California Water Science Center

Enclosures

Form 9-1366
(Oct. 2005)

**U.S. Department of the Interior
U.S. Geological Survey
Joint Funding Agreement**

Customer #: CA217
 Agreement #: 07W4CAD21710 A5
 Project #:
 TIN #: 96-6006456
 Fixed Cost Agreement Yes No

Page 1 of 2

**FOR
WATER RESOURCES INVESTIGATIONS**

THIS AGREEMENT is entered into as of the 18th day of June, 2010, by the U.S. GEOLOGICAL SURVEY, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the WATER REPLENISHMENT DISTRICT OF SOUTHERN CALIFORNIA, party of the second part.

1. The parties hereto agree that subject to availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation a study of the Central and West Coast Basin (per the USGS letter dated January 7, 2010), herein called the program. The USGS legal authority is 43 USC 36C; 43 USC 50; and 43 USC 50b.
2. The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program. 2(b) includes In-Kind Services in the amount of \$0.

(a) \$0.00 by the party of the first part during the period
April 1, 2007 to March 31, 2011

(b) \$0.00 by the party of the second part during the period
April 1, 2007 to March 31, 2011

USGS DUNS IS 1761-38857. This is for a no cost time extension only. Funding for the WRDSC portion of this agreement, including this amendment is \$685,500.00. Funding for the USGS portion of the agreement, including this amendment is \$267,500.00. As part of the study USGS Geologic Discipline will provide \$33,000.00 of In-Kind services.

- (c) Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties.
- (d) The performance period may be changed by mutual agreement and set forth in an exchange of letters between the parties.
3. The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.
4. The field and analytical work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.
5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.
6. During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.
7. The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.

Form 9-1366
continued

U.S. Department of the Interior
U.S. Geological Survey
Joint Funding Agreement

Customer #: CA217
Agreement #: 07W4CAD21710 A5
Project #:
TIN #: 96-8006456

- 8. The maps, records, or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records, or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program and, if already published by the party of the first part shall, upon request, be furnished by the party of the first part, at costs, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records, or reports published by either party shall contain a statement of the cooperative relations between the parties.
- 9. USGS will issue billings utilizing Department of the Interior Bill for Collection (form DI-1040). Billing documents are to be rendered quarterly. Payments of bills are due within 60 days after the billing date. If not paid by the due date, interest will be charged at the current Treasury rate for each 30 day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File B-212222, August 23, 1983).

U.S. Geological Survey
United States
Department of the Interior

WATER REPLENISHMENT DISTRICT OF
SOUTHERN CALIFORNIA

USGS Point of Contact

Customer Point of Contact

Name: Irene A. Rios
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Signatures

Signatures

By _____ Date _____
Name: Eric G. Reichard
Title: Director, USGS California Water
Science Center

By _____ Date _____
Name:
Title:

By _____ Date _____
Name:
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By _____ Date _____
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By _____ Date _____
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By _____ Date _____
Name:
Title:



MEMORANDUM

ITEM NO. 7

*Prepared by: Jim McDavid
Reviewed by: Ted Johnson
Approved by: Robb Whitaker*

DATE: JULY 7, 2010

TO: WATER RESOURCES COMMITTEE

FROM: ROBB WHITAKER, GENERAL MANAGER

**SUBJECT: GROUNDWATER RELIABILITY IMPROVEMENT PROGRAM (GRIP)
UPDATE**

SUMMARY

The GRIP partnership, made up of the WRD, Upper San Gabriel Valley Municipal Water District (USGVMWD) and Los Angeles County Sanitation Districts (LACSD), continues to move forward with developing a program that would replace imported replenishment water with a locally sustainable supply (i.e. advanced treated reclaimed water). A meeting of the GRIP Joint Ad-Hoc Committee was held on June 28, 2010. The following is a summary of the items discussed at that meeting:

- GRIP Facility Agreements/Term Sheets
- Cost Sharing Agreement(CSA)/Public Outreach Consultant
- Joint Exercise of Powers Agreement (JPA)

Staff will provide a verbal report of current activities during the Committee meeting.

FISCAL IMPACT

None at this time.

STAFF RECOMMENDATION

For information.