

**SPECIAL MEETING OF THE WATER RESOURCES COMMITTEE
OF THE BOARD OF DIRECTORS
WATER REPLENISHMENT DISTRICT OF SOUTHERN CALIFORNIA
4040 PARAMOUNT BOULEVARD, LAKEWOOD, CALIFORNIA 90712
1:00 P.M., WEDNESDAY, NOVEMBER 3, 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, 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. MINUTES OF THE MEETING OF OCTOBER 6, 2010**
Staff Recommendation: Approve as submitted.
- 4. GROUNDWATER BASIN UPDATE**
Staff Recommendation: For information.
- 5. GROUNDWATER BASINS MASTER PLAN UPDATE**
Staff Recommendation: For information.
- 6. CONTRACT AMENDMENT FOR RMC WATER AND ENVIRONMENT**
Staff Recommendation: Amend the existing contract with RMC Water and Environment to include a term extension to June 30, 2011 and additional funding not to exceed \$50,000.
- 7. AGREEMENT WITH LADWP FOR REIMBURSABLE WELL CONSTRUCTION CONTRACT MANAGEMENT SERVICES**
Staff Recommendation: Enter into an agreement with The City of Los Angeles Department of Water & Power, subject to approval of form by District Council, for production well and monitoring well construction drilling services related to their Manhattan Well Field for a cost not to exceed \$8,300,000. The total project costs will be fully reimbursed by LADWP to WRD so that there is no net cost impact to WRD. Staff also recommends to the Committee to recommend to the Board to authorize staff to solicit requests for bids for the well construction project.
- 8. STRATEGIC SUPPORT SERVICES CONTRACT WITH KINDEL GAGAN, INC.**
Staff Recommendation: For discussion.

- 9. GROUNDWATER RELIABILITY IMPROVEMENT PROGRAM (GRIP) UPDATE**
Staff Recommendation: For information.
- 10. CLOSED SESSION**
Conference with Legal Counsel – Anticipated Litigation, pursuant to Government Code §54956.9(b), One Case
- 11. DIRECTORS REPORTS, INQUIRIES, AND FOLLOW-UP OF DIRECTIONS TO STAFF**
- 12. ADJOURNMENT**

Posted by Abigail C. Andom, Deputy Secretary, November 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.

**MINUTES OF OCTOBER 6, 2010
SPECIAL MEETING OF THE WATER RESOURCES COMMITTEE
OF THE BOARD OF DIRECTORS
WATER REPLENISHMENT DISTRICT OF SOUTHERN CALIFORNIA**

A special meeting of the Water Resources Committee of the Water Replenishment District of Southern California was held on Wednesday, October 6, 2010, 9:38 a.m., at the District Office, 4040 Paramount Boulevard, Lakewood, California. Director Rob Katherman called the meeting to order and presided thereafter. Administrative Specialist Sheryll Moffat recorded the minutes.

1. DETERMINATION OF A QUORUM

Attendees at the meeting were as follows:

Committee: Directors Rob Katherman and Lillian Kawasaki
Staff: Robb Whitaker, Tony Kirk, Nancy Matsumoto, Jason Weeks,
Jim McDavid
District Counsel: James Casso, Meyers Nave & Ed Casey, Alston & Bird.
Public: Eric Leung

The agenda items were taken out of order.

4. GROUNDWATER BASIN UPDATE

The Chairman deferred to the written report.

3. MINUTES OF THE MEETING OF SEPTEMBER 2, 2010

The minutes were received and filed.

2. PUBLIC COMMENT

Eric Leung, Long Beach Water Department, said that the City of Long Beach has sent a letter of support to the WRD declaring a drought emergency. Mr. Leung said that both the WRD Technical Advisory Committee (TAC) and the Central Basin Water Association (CBWA) have recommended that the WRD Board of Directors consider the drought carryover. He said that the water supply is in dire straits and that we do not know if MWD water will be available next year. He concluded saying that he is voicing Long Beach's position of support for the drought carryover.

The Committee went into closed session at 9:50 a.m. The Committee reconvened in open session at 10:50 a.m.

10. CLOSED SESSION

Conference with Legal Counsel – Anticipated Litigation, pursuant to Government Code § 54956.9(B), One Case
There was no reportable action taken.

5. GROUNDWATER BASINS MASTER PLAN UPDATE

Senior Engineer Jason Weeks said that District staff and its consultants are continuing work on the development of the Groundwater Basins Master Plan for the West Coast and Central Basins. Mr. Weeks said that the West Coast Basin portion is moving ahead of the Central Basin portion and that staff and the consultants have completed interviews with all major water rights holders in the West Coast Basin. He said that staff has had two workshops with West Coast Basin stakeholders to review the information with them and to get any additional input on conceptual alternatives related to where future groundwater extraction may occur. He said the primary focus in the West Coast Basin is groundwater pumping increasing the adjudicated rights since current groundwater production is only about two thirds of the total adjudicated rights. He also noted that the City of Los Angeles is working with the refineries to provide them with recycled water instead of groundwater water and imported water and it is the City's intent to begin using groundwater in the West Coast Basin.

The Committee asked that staff give an update on the West Coast Basin portion of the master plan at the October 22, 2010 Board of Directors meeting.

6. FIELD VEHICLE

The Committee approved the revised staff recommendation to read: "Authorize staff to enter into a purchase contract for the specified field vehicle from Western Truck Exchange. In the event the specified vehicle from Western Truck Exchange has already been sold, then to authorize staff to proceed with a purchase contract with the next lowest priced dealership on the list that has the truck in stock for an amount not to exceed \$52,000."

7. REQUEST FOR PROPOSALS FOR MODELING RECYCLED WATER INJECTION FOR PERMIT COMPLIANCE, ALAMITOS AND DOMINGUEZ SEAWATER BARRIERS

Senior Hydrogeologist Nancy Matsumoto said that the District is in charge of compliance of the recycled water injection permits for the Alamitos Barrier and the Dominguez Gap Barrier. Ms. Matsumoto stated that these permits include requirements for annual reports which contain updates to the groundwater models that are associated with those barriers. She explained that because there are firm deadlines for those reports, the dates for the two barrier reports are almost at the same time and they have fairly similar model type structures for both. She stated that staff would like to have one contract and would like to send out one RFP for both of these efforts.

Director Kawasaki asked if staff would be using the "as needed" list of firms to which Mr. Whitaker replied that staff will start with the list and may look into expanding it if there are other firms that are not on the list but have done similar work.

The Committee approved the staff recommendation to issue Requests for Proposals for annual groundwater modeling of the Alamitos and Dominguez Gap barriers for permit compliance.

8. MEMORANDUM OF UNDERSTANDING WITH LOS ANGELES COUNTY FLOOD CONTROL DISTRICT FOR THE SALT/NUTRIENT MANAGEMENT PLANNING

Mr. Whitaker said that this is a requirement of the State Water Resources Control Board as part of their recycled water policy that every region develop a salt and nutrient management plan by 2014. He explained that as the groundwater basin manager it seems very fitting that WRD would take the lead on this effort. He stated that WRD will be coordinating with the Los Angeles County Flood Control District (LACFCD) as they operate the spreading grounds, the barriers, and have stormwater conservation efforts that play into this.

Mr. Whitaker stated that it is staff's intention to put a strategic plan together to address the Plan and put the partnerships together. The County is interested in helping co-fund the strategic planning effort utilizing Tracey Egoscue, recently former Executive Director of the Regional Board. He stated that Ms. Egoscue will bring a lot of ideas to the table that will be very helpful in the effort.

Discussion followed. The Committee recommended the Board enter into a Memorandum of Understanding with LACFCD to co-fund the strategic planning and interagency coordination related to the development of the Salt/Nutrient Management Plan for the Central and West Coast Basins, and retain the services of Tracey Egoscue with the firm of Paul, Hastings, Janofsky & Walker.

9. GROUNDWATER RELIABILITY IMPROVEMENT PROGRAM (GRIP) UPDATE

Mr. Whitaker said that a Joint GRIP Ad Hoc teleconference meeting was held on Thursday, September 30. The purpose of the meeting was to find out whether San Gabriel Valley Municipal Water District (SGVMWD) intended to withdraw from the GRIP partnership. Mr. Whitaker reported that SGVMWD Director Tom Love stated that they would be taking action at their Board of Directors meeting on October 11 to not participate in GRIP. Mr. Love added that it is not a reflection of the project but really reflects the fact that they are a state water project contractor and they currently have surplus water. He said SGVMWD did want to keep their options open and discussed two alternatives of doing that: one is that they are able to come back to the JPA in the future and buy back in somehow or that they work out a side agreement with Upper San Gabriel Valley Municipal Water District (USGVMWD) that would allow them to make purchases from USGVMWD. Mr. Whitaker stated that WRD would prefer the latter of the two and, that should SGVMWD take action to withdraw, the remaining partner agencies want to move forward with the JPA in an expeditious manner.

11. DIRECTORS REPORTS, INQUIRIES, AND FOLLOW-UP OF DIRECTIONS TO STAFF

None.

12. ADJOURNMENT

With no further business for the Committee, the meeting was adjourned at 11:12 a.m. The next meeting is scheduled Wednesday, November 3, at 12:00 p.m.

Chair

ATTEST:

Member



MEMORANDUM

ITEM NO. 4

Prepared by: Ted Johnson
Reviewed by: Nancy Matsumoto
Approved by: Robb Whitaker

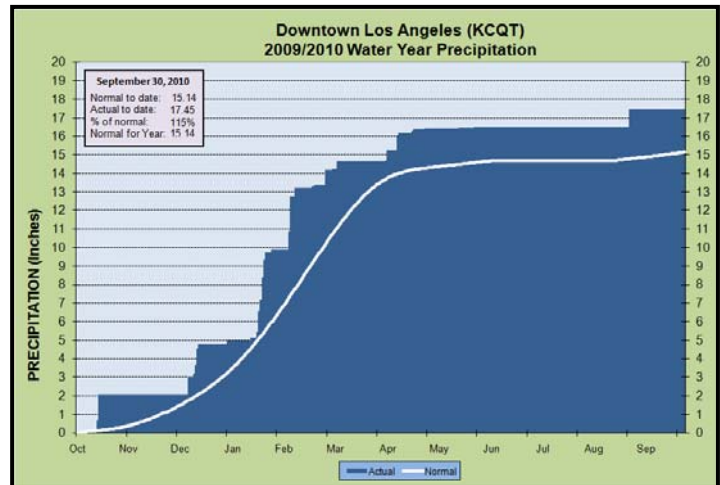
DATE: NOVEMBER 3, 2010
TO: WATER RESOURCES COMMITTEE
FROM: ROBB WHITAKER, GENERAL MANAGER
SUBJECT: GROUNDWATER BASIN UPDATE

SUMMARY

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

Precipitation:

Precipitation in downtown Los Angeles for the Water Year ending September 30, 2010 was 17.45 inches, or 2.31 inches above the long term normal of 15.14 inches. The chart to the right shows the normal versus actual precipitation for the water year. Staff will be tracking precipitation in the current water year. General forecasts have been for a La Nina condition.



Replenishment:

WRD is responsible for replenishing the Central and West Coast groundwater basins and works cooperatively with the Los Angeles County Flood Control District (LACFCD), who owns and operates the recharge facilities, to accomplish this mission. The recharge facilities include the Rio Hondo and San Gabriel Coastal Spreading Grounds in the Montebello Forebay and the three seawater intrusion barrier systems along the coast, the West Coast Barrier (WCB), the Dominguez Gap Barrier (DGB) and the Alamitos Barrier (AB).

WRD purchases recycled and imported waters for recharge at these facilities. LACFCD captures local water (storm water runoff and dry weather river base flow) for spreading. A summary of replenishment amounts for the current Water Year (October 1, 2009 – September 30, 2010) is shown on the table below.

Water Year 2009-2010 (Oct. 1 - Sep. 30)	Planned for the Year	Amount to Date	Through End of	Projected for WY0910
Spreading, Imported	21,000	26,286	Sep	26,286 ³
Spreading, Recycled ¹	50,000	50,861	Aug	54,000
Spreading, Local	54,000	36,406	Aug	36,400
West Coast Injection, Imported	3,800	8,686	Aug	10,100
West Coast Injection, Recycled	11,400	6,981	Aug	7,200
Dominguez Injection, Imported	4,000	5,187	Aug	5,500
Dominguez Injection, Recycled	4,000	1,744	Aug	2,050
Alamitos Injection, Imported ²	2,100	2,437	Aug	2,650
Alamitos Injection, Recycled ²	2,100	1,633	Aug	1,800
TOTAL	152,400	140,220	--	145,986

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

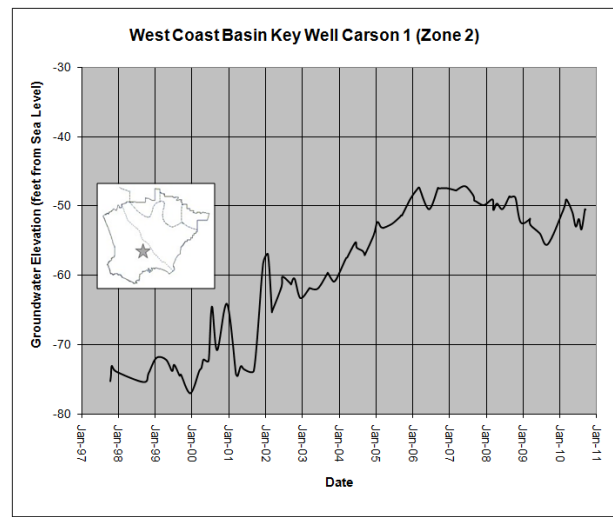
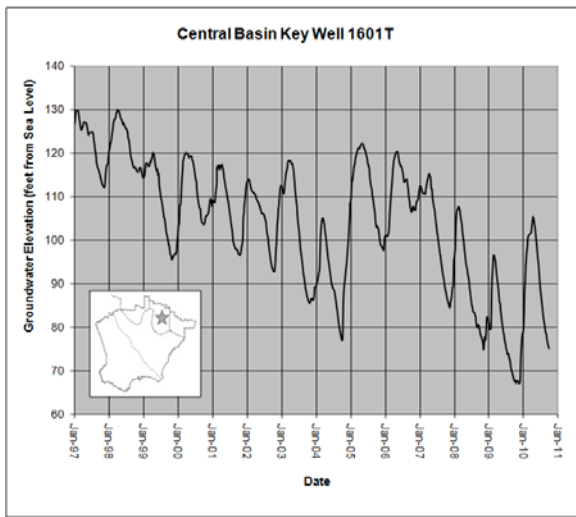
² Alamitos Barrier water purchased by WRD for L.A. County side of barrier. Does not include Orange County purchases.

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 in the Figures below. In the Central Basin Key Well 1601T, water levels in the unconfined aquifer rise and fall sharply in direct response to groundwater recharge and discharge events. Winter and spring rainfall results in large amounts of storm water capture that combined with a reduction in pumping, causes water levels to rise. In the summer and fall, recharge is minimized due to a lack of storm water, and with the pumping increases due to hotter weather causes water levels to drop. Currently, water levels in the well are falling at the rate of about 0.75 foot per week. Last year the well reached a 32-year low.

In the West Coast Basin, Key Well Carson 1 (Zone 2) shows water level fluctuations in the confined aquifer. As can be seen in the figure, groundwater levels rose between 1997 and 2006, leveled off between 2006 and 2008, declined in 2009, rebounded through the early part of 2010, and are now fluctuating due to pumping increases/decreases. Water levels were generally flat over the past two weeks.



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 0.15% below the previous year and the West Coast Basin is currently 2.82% lower than the previous year. WRD is forecasting total pumping for the Water Year at 242,200 AF based on current information.

Basin	October – August		Difference (AF)	Difference (%)	Forecast for Water Year (AF)	Planned for Water Year (AF)
	Previous WY (AF)	Current WY (AF)				
Central	179,864.72	179,586.70	-278.02	-0.15	198,000	201,500
West Coast	41,366.58	40,198.11	-1,168.47	-2.82	44,200	38,700
TOTAL	221,231.30	219,784.81	-1,446.49	-0.65	242,200	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: NOVEMBER 3, 2010
TO: WATER RESOURCES COMMITTEE
FROM: ROBB WHITAKER, GENERAL MANAGER
SUBJECT: GROUNDWATER BASINS MASTER PLAN UPDATE

SUMMARY

District staff and its consultants, CH2MHILL and RMC Water and Environment, are continuing work on the development of a Groundwater Basins Master Plan for the West Coast and Central Basins (Plan).

Phase 1 of the Plan consists of review and refinement of goals and objectives based on input from water rights holders and basin stakeholders, interviews with water rights holders and basin stakeholders to develop projected baseline conditions for future operations of the basins, and the development of conceptual alternative management scenarios for future basin operations to reduce reliance on imported water.

District staff and consultants have completed interviews with all major water rights holders in the West Coast Basin that serve residential customers and all major industrial water rights holders, which consist of refineries. The development and groundwater modeling of conceptual alternative management scenarios in the West Coast Basin is currently underway.

Interviews with Central Basin water rights holders are currently being scheduled and are expected to be completed by mid-December.

District staff will provide the Committee with an overview of the West Coast basin alternative management scenarios and provide an update on the status of the development of the Plan.

FISCAL IMPACT

None.

STAFF RECOMMENDATION

For information.



MEMORANDUM

ITEM NO. 6

Prepared by: Theresa Wu

Reviewed by: Jason Weeks

Approved by: Robb Whitaker

DATE: NOVEMBER 3, 2010

TO: WATER RESOURCES COMMITTEE

FROM: ROBB WHITAKER, GENERAL MANAGER

SUBJECT: CONTRACT AMENDMENT FOR RMC WATER AND ENVIRONMENT

SUMMARY

The District retained RMC Water and Environment (RMC) for engineering services on February 15, 2008 for as-needed grant and technical support on a task order basis. The work by RMC involves examining ways to scope, develop, and package projects or partner with other agencies to improve implementability and the potential for securing outside funding. Services include as-needed planning and engineering support, including definition of projects, technical assessments, and support in the pursuit of funding opportunities.

This contract with RMC, with a budgetary amount of \$120,000, will expire on December 31, 2010. The Board previously authorized a term extension at no additional cost in June 2009.

Since term of the agreement was extended, RMC has assisted the District with the development of Plans of Study and securing State Water Resources Control Board (SWRCB) Planning Grants (\$75,000 each) for the GRIP and Vander Lans Expansion projects. These efforts are positioning the projects for State Revolving Fund (SRF) loans and could provide synergy in the pursuit of other construction phase funding. RMC also provided assistance in securing a U.S. Bureau of Reclamation WaterSmart grant (\$299,000) for development of the Groundwater Basins Master Plan.

Efforts during the second part of this fiscal year will include pursuit of funding via the following programs: Local Groundwater Assistance (AB303), Integrated Regional Water Management (IRWM), and other state and federal programs.

Continued work is required under this contract for assistance with as-needed grant and technical support, and for grant applications and related project planning services. Staff recommends the Board authorize a contract term extension to June 30, 2011 and supplemental funding in the amount of \$50,000 to continue services through the current fiscal year.

FISCAL IMPACT

Not to exceed \$50,000. Funding for this work is included in the FY 10/11 budget under Project 005000 (Groundwater Resources Planning).

STAFF RECOMMENDATION

Amend the existing contract with RMC Water and Environment to include a term extension to June 30, 2011 and additional funding not to exceed \$50,000.



MEMORANDUM

ITEM NO. 7

Prepared by: Charlene King

Reviewed by: Ted Johnson

Approved by: Robb Whitaker

DATE: NOVEMBER 3, 2010

TO: WATER RESOURCES COMMITTEE

FROM: ROBB WHITAKER, GENERAL MANAGER

SUBJECT: AGREEMENT WITH LADWP FOR REIMBURSABLE WELL CONSTRUCTION CONTRACT MANAGEMENT SERVICES

SUMMARY

Over the years, significant deterioration of municipal supply wells in the Central Basin has reduced the ability of the City of Los Angeles Department of Water & Power (LADWP) to fully utilize its groundwater rights in the Basin. LADWP has adopted a plan to restore its groundwater production capacity in the Central Basin and has identified and budgeted funds to design and construct up to four municipal supply wells at its existing Manhattan well field and to install two groundwater monitoring wells to be located in the vicinity of the well field. Once complete, operations of the new municipal supply wells will enable LADWP to fully utilize its groundwater entitlement from the Central Basin.

In 2001, WRD served as contract administrator for the LADWP during the installation of their new production well at their 99th Street facility in the Central Basin and was reimbursed for staff time and expenses. WRD accepted the role for several reasons, including the opportunity to obtain specific geologic and water quality information in this part of the basin from the new well.

The LADWP has again requested WRD's assistance as contract administrator for the new production wells and monitoring wells. By participating in this effort, WRD will gain important water level, geologic, and water quality information in this part of the basin as well as being a considerable assistance to the City in completing this important project. WRD will be the agency responsible for procuring the contractor to drill and install the wells. LADWP will work jointly with WRD during this process to prepare the well construction bid specifications, oversee the construction activities, and provide a final well completion report. LADWP will reimburse WRD for all expenses incurred in this project including all WRD contractor, staff, administrative & legal expenses.

This joint effort will mutually benefit both organizations by providing WRD the opportunity to further expand and refine the characterization of this area in the Central Basin and by improving the reliability and increasing the capacity of LADWP's Central Basin Well Fields.

FISCAL IMPACT

All costs incurred in this project, including all administrative and legal expenses, will be paid by LADWP. WRD as contract administrator will initially have to pay the contractor invoices, but will be fully reimbursed by LADWP within 45 days so that there is no net cost impact to WRD.

STAFF RECOMMENDATION

Enter into an agreement with The City of Los Angeles Department of Water & Power, subject to approval of form by District Council, for production well and monitoring well construction drilling services related to their Manhattan Well Field for a cost not to exceed \$8,300,000. The total project costs will be fully reimbursed by LADWP to WRD so that there is no net cost impact to WRD. Staff also recommends to the Committee to recommend to the Board to authorize staff to solicit requests for bids for the well construction project.



MEMORANDUM

ITEM NO. 8

Prepared by: Jason Weeks

Reviewed by: Robb Whitaker

Approved by: Robb Whitaker

DATE: NOVEMBER 3, 2010

TO: WATER RESOURCES COMMITTEE

FROM: ROBB WHITAKER, GENERAL MANAGER

SUBJECT: STRATEGIC SUPPORT SERVICES CONTRACT WITH KINDEL GAGAN, INC.

SUMMARY

WRD currently has a Professional Services Agreement with the firm of Kindel Gagan, Inc. for strategic support services which expires on December 31, 2010. The firm provides such services on District plans, programs and policy initiatives and related matters, as well as legislative support services as needed. Attached is a scope of work for these services. The contract provides for a monthly fee of \$10,000; plus \$225 per hour for any planning or analysis associated with legislation.

FISCAL IMPACT

Funds for these strategic support services are included in the FY10-11 budget.

STAFF RECOMMENDATION

For discussion.

EXHIBIT A SCOPE OF WORK

- Serve as a policy advisor to the District; provide assistance in developing and implementing District plans, programs and policy initiatives, including but not limited to the Strategic Plan, Basin Master Plan, Water Independence Now (WIN) program, the Groundwater Improvement Reliability Program (GRIP), storm water capture, and salt management and nutrient loading plans.
- Advise and assist the District on policy and strategic matters relating to the petitions to amend the Judgments; coordinate on behalf of the District Moving Party outreach meetings. Provide litigation support on actions by or against the District.
- Provide assistance to Board Standing and Ad Hoc Committees as directed.
- Assist the District in drafting and editing Board staff reports and Director and staff presentations.
- Research and provide information on District history.
- Track and report on actions of the Delta Stewardship Council and other entities charged with implementing Delta ecosystem restoration and water supply reliability policies, programs and projects as those actions bear on District policies, plans, programs and projects.
- Provide assistance and advice to the District on governmental relations matters; analyze and report on local, state and federal legislative or administrative matters that bear on District policies, plans, programs and policies. Assist the District in preparing formal positions on local, state and federal legislative or administrative matters. Participate in meetings with local, state and federal District consultants.



MEMORANDUM

ITEM NO. 9

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

DATE: NOVEMBER 3, 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 Upper San Gabriel Valley Municipal Water District (USGVMWD) Los Angeles County Sanitation Districts (LACSD) and WRD, 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). Staff will provide a verbal report of progress made over the last month.

FISCAL IMPACT

None at this time.

STAFF RECOMMENDATION

For information.