

**AGENDA
REGULAR MEETING
GROUNDWATER REPLENISHMENT SYSTEM STEERING COMMITTEE
(A Committee of Orange County Water District*
and Orange County Sanitation District Directors)
OCWD Boardroom, 18700 Ward Street, Fountain Valley
June 8, 2009, 5:30 pm**

* Orange County Water District Notice: The GWR System Steering Committee (SC) meeting is being noticed as a joint meeting with the Orange County Water District (OCWD) Board of Directors. Members of the OCWD Board who are not members of the SC will participate as observers at the meeting. The SC has been delegated limited authority by the OCWD and Orange County Sanitation District (OCSD) Boards of Directors. Agenda items requiring Board approval will be placed on future OCWD and/or OCSD Board meeting agendas.

PLEDGE OF ALLEGIANCE

ROLL CALL

VISITOR PARTICIPATION

Members of the audience wishing to address the Committee/Board on items of interest to the public are requested to identify themselves. If the matter on which they wish to comment is an Agenda item, the visitor will be called on when that matter comes up for consideration. Visitors are requested to limit amount to three minutes.

ITEMS RECEIVED TOO LATE TO BE AGENDIZED

RECOMMENDATION: Determine need to take action on item(s) which arose subsequent to posting of the Agenda (ROLL CALL VOTE: Adoption of this recommendation requires two-thirds vote of the Board/Committee, or, if less than two-thirds of the members are present, a unanimous vote)

CONSENT CALENDAR (ITEM NO. 1)

Matters on the Consent Calendar are to be approved by one motion unless Director or staff request separate action on a specific item

1. **MINUTES OF PREVIOUS MEETING**

RECOMMENDATION: Approve Minutes of the May 11, 2009 GWR System Steering Committee meeting as mailed

END OF CONSENT CALENDAR

MATTER FOR CONSIDERATION

2. **PROFESSIONAL SERVICES AGREEMENT TO LJV FOR GWR SYSTEM COLLATERAL/WEBSITE PACKAGE**

RECOMMENDATION: Agendize for June 17 **OCWD** Board meeting: Authorize issuance of Professional Services Agreement to LJV in the amount of \$111,750 for the GWR System Collateral and Website Design Package

INFORMATIONAL ITEMS

3. GWR SYSTEM OPERATIONAL PROGRESS
4. STATUS REPORT
 - Grants and Loans Update
 - Public Information and Education Update

DIRECTORS' ANNOUNCEMENTS/REPORTS

GENERAL MANAGERS' REPORTS

ADJOURNMENT

In accordance with the requirements of California Government Code Section 54954.2, this agenda has been posted in the main lobby of the Orange County Water District, 18700 Ward Street, Fountain Valley, CA not less than 72 hours prior to the meeting date and time above. All written materials relating to each agenda item are available for public inspection in the office of the District Secretary. Backup material for the Agenda is available at the District offices for public review and can be viewed online at the District's website: www.ocwd.com

Pursuant to the Americans with Disabilities Act, persons with a disability who require a disability-related modification or accommodation in order to participate in a meeting, including auxiliary aids or services, may request such modification or accommodation from the District Secretary at (714) 378-3233, by email at jdurant@ocwd.com by fax at (714) 378-3373. Notification 24 hours prior to the meeting will enable District staff to make reasonable arrangements to assure accessibility to the meeting.

As a general rule, agenda reports or other written documentation has been prepared or organized with respect to each item of business listed on the agenda, and can be reviewed at www.ocwd.com. Copies of these materials and other disclosable public records distributed to all or a majority of the members of the Board of Directors in connection with an open session agenda item are also on file with and available for inspection at the Office of the District Secretary, 18700 Ward Street, Fountain Valley, California, during regular business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday. If such writings are distributed to members of the Board of Directors on the day of a Board meeting, the writings will be available at the entrance to the Board of Directors meeting room at the Orange County Water District office.

**MINUTES
GROUNDWATER REPLENISHMENT SYSTEM STEERING COMMITTEE
STEERING COMMITTEE
Monday, May 11, 2009, 5:30 p.m.**

Committee Members

Philip L. Anthony	OCWD Director, Chairman	Present
Jim Ferryman	OCSD Director, Vice Chairman	Present
Kathryn Barr	OCWD Director	Present
Larry Crandall	OCSD Director	Present
Roger Yoh	OCWD Director	Present
Mark Waldman	OCSD Director	Present

Alternates

Jan Debay	OCWD Director (No. 1)	Present
Don Webb	OCSD Director (No. 1)	Not Present
Denis Bilodeau	OCWD Director (No. 2)	Present
Patsy Marshall	OCSD Director (No. 2)	Not Present
Don Bankhead	OCWD Director (No. 3)	Present
Phil Luebben	OCSD Director (No. 3)	Not Present

Other Directors Present

OCWD –Irv Pickler, Claudia Alvarez

Staff/Consultants Present

Michael R. Markus, OCWD	Jim Ruth, OCSD
Shivaji Deshmukh, OCWD	
Bill Hunt, OCWD	

CONSENT CALENDAR (ITEM NO. 1)	MOTION/VOTE	ACTION TAKEN
1. MINUTES OF PREVIOUS MEETING RECOMMENDATION: Approve Minutes of the March 9, 2009 Groundwater Replenishment System Steering Committee Meeting as mailed	ANTHONY – AYE FERRYMAN – AYE YOH – SECOND, AYE CRANDALL – MOTION, AYE DEBAY – AYE WALDMAN – AYE	APPROVED
INFORMATIONAL ITEMS		
2. GWR SYSTEM OPERATIONAL BUDGET		INFORMATIONAL
3. GWR SYSTEM EXPANSION UPDATE		INFORMATIONAL
4. GWR SYSTEM OPERATIONAL PROGRESS		INFORMATIONAL
5. STATUS REPORT <ul style="list-style-type: none"> • Grants and Loans Update • Public information and education update 		INFORMATIONAL
DIRECTORS' ANNOUNCEMENTS/REPORTS		
GENERAL MANAGERS' REPORTS		
ADJOURNMENT		6:05 PM

Meeting Date: June 8, 2009

Budgeted: Yes

To: Groundwater Replenishment
System Steering Committee

Budgeted Amount: \$150,000

Cost Estimate: \$111,750

Funding Source: OCWD/OCSD/Grants

Program/Line Item No.: 1012.51204.9960

From: Mike Markus/James Ruth

General Counsel Approval: N/A

Project Report Approved: N/A

Staff Contact: E. Torres/B. Colson

CEQA Compliance: N/A

**Subject: PROFESSIONAL SERVICES AGREEMENT TO LJG FOR
GWR SYSTEM COLLATERAL/WEBSITE PACKAGE**

SUMMARY

In September 2008, the Joint GWR System Steering Committee (Committee) approved funding to support a proactive GWR System Outreach Plan. One component of the plan is to solicit and contract a consultant to create a GWR System Collateral and Website Design Package to promote the GWR System's international reputation as a state-of-the-art water recycling plant. In October 2008, two requests for proposal (RFP) were released, one for collateral and website design and one for website implementation. With further direction from the Committee, staff combined the two services and posted a revised RFP in April.

RECOMMENDATION

Agendize for June 17 **OCWD** Board meeting: Authorize issuance of Professional Services Agreement to LJG in the amount of \$111,750 for the GWR System Collateral and Website Design Package.

DISCUSSION/ANALYSIS

The overall goal of the GWR System Collateral and Website Design Package is to enhance the Districts' outreach and branding efforts through the design update of GWR System collateral materials (brochures, CDs, DVDs, stationary), graphic images (logos and other images) and the design of the GWR System website (located at www.qwrssystem.com).

OCWD and OCSD staff reviewed and scored 18 RFPs. Each proposal was scored in the following six areas for a total score of 100.

1. Submission of proposal on time in proper format (pass/fail)
2. Responsiveness and completeness of proposal in accordance with RFP instructions (10 points)
3. Staff experience/qualifications (10 points)
4. Overall knowledge and experience (25 points)

5. Project approach, creativity and technical competence (45 points)
6. Work schedule and ability to meet critical dates (10 points)

After scoring and identifying the top three proposals, fee proposals were opened.

The top three scores are reflected below:

Organization	Score	Ranking	Cost
LJG	94	1	\$117,500
PMSI	89	2	\$99,000
Evolve Media	75	3	\$95,000

The top three proposers were interviewed and after serious consideration and review, staff recommends LJG be awarded the contract to create a GWR System Collateral and Website Design Package. In addition to meeting the requirements outlined in the request for proposals, LJG has many additional qualifications, including:

- More than 15 years of diverse experience with commercial and non-profit organizations
- LJG has developed materials for internationally recognized clients including the Irvine Company, NBC Universal, San Diego Padres and both Boston and San Diego International Airports
- Experienced staff and project managers capable of taking GWR System materials to a world-class level through appropriate use of design and technology
- LJG estimated completion of all services in half of the time listed in the RFP
- LJG is versed in print collateral and website design and highly capable of creating an online tour presence for the GWR System through the use of animation, time lapse technology and video footage
- The firm is experienced in social networking and mobile component technology that will allow the GWR System website and calendars to be accessed from mobile “smart phones” such as the Blackberry, iPhone and Treo

The RFP reviewing committee encourages the selection and approval of LJG to provide services outlined in the approved RFP.

PRIOR RELEVANT COMMITTEE ACTION(S):

- | | |
|-------------------|--|
| September 8, 2008 | Approval and authorization of revised budget in the amount of \$281,000 for Year 7 Joint GWR System Public Affairs Budget. |
| October 13, 2008 | Authorization of issuance of Request for Proposals for the Design and Implementation of a GWR System Branding Package. |

AGENDA ITEM SUBMITTAL

Meeting Date: June 8, 2009

Budgeted: N/A

To: Groundwater Replenishment
System Steering Committee

Budgeted Amount: N/A

Cost Estimate: N/A

Funding Source: N/A

Program/Line Item No.: N/A

From: Mike Markus/James Ruth

General Counsel Approval: N/A

Project Report Approved: N/A

Staff Contact: W. Dunivin

CEQA Compliance: N/A

Subject: GWR SYSTEM OPERATIONAL PROGRESS

SUMMARY

Operation of the Groundwater Replenishment System (GWR System) began on January 10, 2008. An update on operational issues for May, 2009 is provided below.

RECOMMENDATION

Informational

DISCUSSION

The GWR System continues to operate satisfactorily producing water that meets all regulatory requirements. Plant production is currently limited by the flow available from the Orange County Sanitation District due to their diurnal flow fluctuations. The new Ellis Ave Pump Station is going through operational tests. There has been a number of delays but the pump station is expected to be fully operational during June, 2009. Once the lift station is in operation, the GWR System will operate close to 70 mgd throughout the day. Currently, plant production is limited to approximately 25 mgd between the hours of 2 am and 9 am and between 25 and 70 mgd between the hours of 9 am to 2 am.

During the months of May, 2009 a total of 2916.29 acre feet were injected into the Talbert Barrier and 2121.75 acre feet was recharged into the Kraemer and Miller Basins. During this period, 5.56 acre feet of Metropolitan Water District (MWD) imported water was used to maintain a full injection line following plant shutdowns. Use of the MWD blend water was terminated on December 18, 2008, except for use to keep the barrier pipeline full when the AWPf goes down. Since that time, plant operators

have been injecting 100% reclaimed water. The long-term injection of 100% reclaimed water is not allowed in the existing Department of Public Health Permit. The permit requires a minimum blend ratio of 75% reclaimed water to 25% imported water over a 60-month period. Because the barrier was maintained using 100% imported water for many months during plant construction and startup, the overall balance is favorable for 100% reclaimed water at this time. Currently, the District is working with the regulatory agencies to gain approval to inject 100% reclaimed water on an indefinite basis.

GWR System effluent production in million gallons and acre feet is provided in the table below:

	May 2009 (MG)	Total Production Year to Date (MG)	Total Production, Year to Date (af)
Seawater Intrusion Barrier	949.9 MG	4,525.4 MG	13,892.9 af
Kraemer/Miller Basin Recharge	694.4 MG	3,025.0 MG	9,286.8 af
Total	1,644.3 MG	7,550.4 MG	23,179.7 af

PRIOR COMMITTEE ACTIONS

None

AGENDA ITEM SUBMITTAL **Agenda Item #** 4

Meeting Date: June 8, 2009

Budgeted: N/A

To: Groundwater Replenishment
System Steering Committee

Budgeted Amount: N/A

Cost Estimate: N/A

Funding Source: N/A

Program/Line Item No.: N/A

From: Mike Markus/James Ruth

General Counsel Approval: N/A

Project Report Approved: Yes

Staff Contact: S. Deshmukh/ E.Torres

CEQA Compliance: Yes

Subject: STATUS REPORT

SUMMARY

Staff will report on-going project issues.

RECOMMENDATION

Informational

DISCUSSION/ANALYSIS

A. Grants and Loans Update

A summary of grants received to date is listed below:

	Original Amount	Received to Date	Currently Invoiced	Remaining
Environmental Protection Agency	\$0.5M	\$0.5M		
State Water Resources Control Board	\$5.0M	\$5.0M		
State Water Resources Control Board (Prop 13)	\$37.0M	\$37.0M		
Bureau of Reclamation	\$20.0M	\$19.1M	\$0.9M	
Department of Water Resources (Prop 13)	\$30.0M	\$27.0M	\$0	\$3.0M
Totals	\$92.5M	\$88.6M	\$0.9M	\$3.0M

B. Public Information and Outreach Highlights

Tours:

Tours of the Groundwater Replenishment System were given to the following people and organizations from April 23 through May 31, 2009:

- Joel Bourne, contributing writer and former senior editor of the environment for the "National Geographic," toured the GWR System. Joel is commissioned to write a story about California's water for a mid-2010 issue of "National Geographic." Joel was in Orange County as a guest speaker at the OC Water Summit on May 15.
- Attendees from the WaterReuse Research Conference toured the GWR System.
- Staff from the California Department of Water Resources toured the facility.
- OCWD staff arranged for the students in Cal State Fullerton Geology 501 to tour the GWR System on a Saturday.
- Alumni from the Mesa Consolidated Water District's Water Issues Study Group heard a presentation from Mike Markus and then toured the GWR System.
- Approximately 50 members of the Orange County Chapter of the Association of Environmental Professionals toured the facility this month.
- Eleanor Torres gave a tour to 50 advanced chemistry high school students and teachers from Cerritos High School and Elizabeth Learning Center (located in Cudahy.)
- Lo Tan gave a tour to 52 chemistry students from Godinez High School.
- Representatives from the City of Oroville toured the facility, including Vice Mayor James "Jamie" Johansson, Councilman David Pittman and Tom Fitzpatrick, RDA Coordinator.
- Thirty-five students from Cerritos High School received a presentation and tour of the Groundwater Replenishment System.

Upcoming Tours:

- Public Tour, Friday, June 5
- Victoria (Australia) Water Study Tour, Wed., June 5
- Seniors are Special, Tues., June 9
- Asian American Businesswomen Association, Tues., June 9
- Representative from Assemblyman Chuck DeVore's office, Wed., June 10
- California State Attorney General Jerry Brown, Wed., June 17

Speakers Bureau Presentations:

Offsite presentations were provided to the following groups and organizations:

- Shivaji Deshmukh made a GWR System presentation at the Chapman College/UCI Sustainability Conference.

- Mike Markus gave presentations to civil engineering students at Cal Poly, and to the Claremont University Club.
- Gina DePinto gave a presentation to 30 members of the Saint Simon and Saint Jude (Huntington Beach) men's groups.

Upcoming Speakers Bureau Presentations:

- North Orange County Gem and Mineral Society, Tues., June 9

Media:

We continue to get media coverage and media requests for the GWR System. From April 23 through May 31, 2009, the project was featured in the following media outlets and/or staff was interviewed for upcoming stories:

- "Groundwater Replenishment System of Orange County is Named 2009 OCEA Winner..." *ASCE News*, May 2009
- "Tale of Two Agencies: Tapping into a New Water Source," *California Special District*, May-June 2009
- "Overcoming the Stigma of 'Toilet to Tap' Water," *San Diego News Network*, May 27, 2009
- "The Orange County Groundwater Replenishment System, "Water Conditioning & Purification," May 2009
- UCI Irvine, Chapman, CSUF Talk About Global Warming," *OC Metro*, May 18, 2009
- "Treated Sewage Proves Safe for Consumption," *Pasadena Star News*, May 15, 2009
- "Briefcase: Boulder, Broomfield Businesspeople in the News," *Daily Camera* (Colo.), May 11, 2009
- "ACEC Names Orange County Groundwater Replenishment Nation's Best Engineering Achievement," *Earth Times*, May 8, 2009
- Orange County GWRS Wins 2009 ACEC Grand Conceptor Award," Blog: H2oInnovation.com, May 5, 2009
- "Seal Beach Drying Up?" May 1, 2009
- "Turning Wastewater Into Drinking Water," ASCE press release as posted on its Web site, April 23, 2009

Other:

- The GWR System won the Outstanding Civil Engineering Achievement Award from the American Society of Civil Engineers (ASCE).
- The GWR System named nation's best engineering achievement by winning the Grand Conceptor Award from the American Council of Engineering Companies (ACEC).