



# GBA Coordinating Committee Meeting

December 14, 2011 10:30 a.m.

California Water Service Company, Conference Room  
1602 East Lafayette Street, Stockton, California

## ----- Agenda Topics -----

- A. Follow-up on IRWMP Public Outreach Effort and Next Steps – Brandon Nakagawa/Mark Williamson
- B. Discussion on Proposed Participation in the Sacramento-San Joaquin Basin Study (See Attached) – Mel Lytle/Kevin Kauffman
- C. Updates on Groundwater Recharge and Banking Efforts – All Agencies
  - North San Joaquin WCD – Tracy Lakes Project
  - USGS - GAMA Well Monitoring
  - SEWD
    - AB 303 Monitoring Well – USGS Site Visit and Next Steps
    - Bozzano Property Groundwater Recharge Project

### Future Agenda Items:

- Groundwater Basin Recharge and Banking Operations

**The next regularly scheduled GBA Coordinating Committee meeting is  
January 11, 2012, 10:30 a.m.**

Agendas and Minutes may also be found on the GBA Website at:  
<http://www.gbawater.org>

Note: If you need disability-related modification or accommodation in order to participate in this meeting, please contact the Water Resource Staff at (209) 468-3089 at least 48 hours prior to the start of the meeting.

**Northern San Joaquin Groundwater Banking Authority  
Coordinating Committee Meeting Summary  
Wednesday, October 12, 2011**

**A. Follow-up on IRWMP Update Activities and Next Steps – Brandon Nakagawa:**

Mr. Mark Williamson said he will be reporting regularly to the group and all sections of the update will be vetted with the Coordinating Committee. There is still a concern about how to look at facility performance and sensitivity.

Mr. Jason Preece said climate control can be integrated into water management strategies. The results of analysis will be used differently than within the context of flood management.

Mr. Nakagawa said upcoming Coordinating Committee meetings will be focused on the update efforts.

**B. Update on Mokelumne River Forum IRWMP Planning Grant Application (See Attached) – Brandon Nakagawa:**

A meeting was held between a number of representatives of the Forum and DWR staff to talk about why the planning grant application submitted last year was not funded. Some of the attendees were: Mr. Mike Hardy, Mr. Tom Francis, Mr. Ed Pattison, Mr. Jason Preece, Dr. Mel Lytle and Mr. Nakagawa. Mr. Nakagawa said they received good feedback from DWR staff. One of the issues was DWR did not think the application did a good enough job of "telling their story." They will be reviewing the Project Selection Package (PSP) and continue discussions with DWR.

Mr. Kevin Kauffman asked how an agency responds to the PSP. Comments can be offered on the phone, by mail, or electronically.

**C. Discussion on Tuolumne – Stanislaus IRWM Region Communications Protocol (See Attached) – Mel Lytle:**

Dr. Lytle referred to the communications protocol letter sent by the T-S IRWM region's consultant, Mr. John Mills. Dr. Lytle said he did not have any issues with the protocol, but was not sure about its genesis. Ms. Lott said Mr. Mills developed it as a response to the IRWM requirement for inter-regional coordination and has sent the same protocol to other IRWM regions that have a potential to affect the T-S region.

**D. Updates on groundwater Recharge and Banking Efforts – All Agencies:**

- North San Joaquin WCD - Tracy Lakes Project  
Mr. Hugh Scanlon reported that Director Pilkington has resigned from the North San Joaquin WCD board. The board has signed the paperwork for their grant agreement regarding the Tracy Lakes Project.
- SEWD  
Mr. Kauffman said they have selected a site for the new groundwater monitoring well to be done in conjunction with USGS. It will be close to the North pond and

work should begin after Thanksgiving. It is hoped the Urban Contractors agree with the Bozanno site. SE will keep the 35 acre site wet all the time when containment facilities are in place.

**Future Agenda Item:**

- Groundwater Basin Recharge and Banking Operations

**Next Regularly Scheduled Meeting:** November 9, 2011 10:30 a.m.

**Submitted by:**

Carolyn Lott, Facilitator  
Center for Collaborative Policy





# United States Department of the Interior

BUREAU OF RECLAMATION  
Mid-Pacific Regional Office  
2800 Cottage Way  
Sacramento, CA 95825-1898

IN REPLY REFER TO:

MP-720  
PRJ-6.00

NOV 3 2011

Dr. C. Mel Lytle  
Water Resources Coordinator  
Eastern San Joaquin IRWMP  
San Joaquin County Dept of Public Works  
P.O. Box 1810  
Stockton, CA 95201

Dear Mr. Lytle:

**Subject: Proposed Participation in the Sacramento-San Joaquin Basin Study (SSJBS) – Call for Letters of Interest from Additional Prospective Basin Study Partners**

In early 2011 the Bureau of Reclamation's Mid-Pacific (MP) Region partnered with the California Department of Water Resources (DWR), the California Partnership for the San Joaquin Valley, and the Stockton East Water District to initiate the preparation of a basin study for the Sacramento-San Joaquin river basins. In October 2011 Reclamation and these study partners completed a draft Plan of Study (considered as Phase 1) for the Sacramento-San Joaquin Basin Study (SSJBS). These study partners and Reclamation now plan to submit a proposal for funding in the next few months for the full SSJBS (Phase 2 of the study process). As part of our SSJBS proposal, the study partners and Reclamation are very interested in obtaining the participation of additional partners in the development of the full basin study.

Through the basin study program, Reclamation along with participating non-Federal study partners, are proposing to conduct Phase 2 of the SSJBS, which includes comprehensive assessments of potential climate change to water supplies and demands. Basin studies comprise four main elements: (1) projections of water supply and demand, including the risks of climate change; (2) analysis of how climate change may impact existing, and future water and power infrastructure, and operations; (3) the development of options and mitigation strategies to improve operations and infrastructure to supply adequate water in the future; and (4) a trade-off analysis of the options identified, findings, and recommendations as appropriate. The SSJBS process will be highly collaborative and includes opportunities for addressing concerns of the study partners and other interested basin stakeholders. An example of likely collaboration is the integration of climate change impacts developed in the SSJBS with the Integrated Resources Water Management plans in order to identify adaptation strategies in each region.

If your agency is interested in participating in the SSJBS, we request that you provide affirmation via a non-binding "Letter of Interest." In your Letter of Interest please indicate your

interest in participating with Reclamation, DWR, the California Partnership for the San Joaquin Valley, and the Stockton East Water District in the development of Phase 2 of the SSJBS, and if your agency has the ability to participate as a cost-share partner.

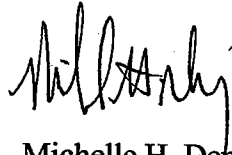
Basin studies are part of the WaterSMART Basin Study Program within the Department of the Interior's initiative established by Secretarial Order 3297, and are a key component of Reclamation's plan for implementing the Secure Water Act, Subtitle F of Public Law 111-11. The President's FY 2012 budget request includes \$2.5 million for the basin study program. The SSJBS partners intend to submit a proposal for a portion of those funds. Note all funding will be contingent upon approval of final FY 2012 federal appropriations.

Please mail your Letter of Interest by December 2, 2011, to:

Bureau of Reclamation  
Attn: Mr. Arlan Nickel  
2800 Cottage Way, MP-700  
Sacramento, CA 95825

For additional information about the basin study program, please refer to: <http://www.usbr.gov/WaterSMART/basin.html>. If you have questions about this request for Letters of Interest, or would like additional information about the basin studies program, please contact Mr. Arlan Nickel, MP Region Basin Study Coordinator, at 916-978-5061 or [anickel@usbr.gov](mailto:anickel@usbr.gov).

Sincerely,



Michelle H. Denning  
Regional Planning Officer

Enclosure

Identical Letter Sent To:

Mr. Rob Swartz  
Principal Project Manager  
Regional Water Authority  
5620 Birdcage St., Ste 180  
Citrus Heights, CA 95610

Ms. Brenda Ostrom  
Project Manager  
Mariposa County Resource Conservation District  
P.O. Box 913  
Mariposa, CA 95338

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Identical Letter Sent To:

Continued from previous page.

Mr. Steve Robbins  
 General Manager – Chief Engineer  
 Coachella Valley Water Management Region  
 Coachella Valley Water District  
 P.O. Box 1058  
 Coachella, CA 92236

Ms. Vickie Newlin  
 Assistant Director  
 Northern Sacramento Valley Four County Gp  
 Butte County Water and Resource Conservation  
 308 Nelson Avenue  
 Oroville, CA 95965

Ms. Katie Burdick  
 Executive Director  
 Cosumnes, American, Bear, Yuba IRWM Gp  
 1545 Shirland Tract  
 Auburn, CA 95603

Mr. Paul Oshel  
 District Engineer  
 Poso Creek Regional Water Management Gp  
 1101 Central Avenue  
 Wasco, CA 93280

Mr. Brian Morris  
 General Manager  
 Upper Feather River IRWMP  
 Plumas County Flood Control & Water  
 Conservation District  
 520 Main Street, Room 413  
 Quincy, CA 95971

Mr. Dennis R. Keller  
 General Manager  
 Kaweah River Basin IRWMP  
 Kaweah Delta Water Conservation District  
 2975 N. Farmersville Blvd.  
 Farmersville, CA 93223

Mr. S. Greg Farley  
 Madera County Engineer  
 Madera Region IRWMP  
 Madera County Resource Management Agency  
 2037 W. Cleveland Avenue  
 Madera, CA 93637

Mr. Hicham Eltal  
 Deputy General Manager  
 Merced IRWMP  
 Merced Irrigation District  
 744 West 20th Street  
 Merced, CA 95340

Ms. Lauren Bauer  
 IRWMP Manager  
 Kern County Water Agency  
 3200 Rio Mirada Drive  
 Bakersfield, CA 93308

Mr. Rob Alcott  
 General Manager  
 Mokelumne/Amador/Calaveras IRWM Group  
 P.O. Box 383  
 The Sea Ranch, CA 95497

Mr. Bobby Kamansky  
 Project Manager  
 Southern Sierra IRWMP  
 Sequoia Riverlands Trust  
 427 S. Garden Street  
 Visalia, CA 93277

Mr. Pete Kampa  
 General Manager  
 Tuolumne-Stanislaus IRWMP  
 Tuolumne Utilities District  
 P.O. Box 3728  
 Sonora, CA 95370

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Identical Letter Sent To:

Continued from previous page.

Mr. David L. Hoffman  
Tule IRWMP  
Deer Creek and Tule River Authority  
357 E. Olive Avenue  
Tipton, CA 93272

Mr. David Orth  
General Manager  
Upper Kings Basin IRWMP  
Kings River Conservation District  
4886 East Jensen Avenue  
Fresno, CA 93725

Mr. Scott Matyac  
Water Resources Manager  
Yuba IRWMP  
Yuba County Water Agency  
1220 F Street  
Marysville, CA 95901

Ms. Donna Gentile  
Administrative Coordinator  
Westside (Yolo) IRWMP  
Water Resources Association of Yolo County  
P.O. Box 8624  
Woodland, CA 95776

Ms. Sandra Spelliscy  
Executive Director  
Upper Sacramento-McCloud IRWM Group  
P.O. Box 784  
Dunsmuir, CA 96025

Mr. Todd Sloat  
Watershed Coordinator  
Upper Pitt River IRWMP  
Pit River Watershed Alliance  
P.O. Box 125  
McArthur, CA 96056

Mr. Ara Azhderian  
Water Policy Administrator  
Westside IRWMP  
San Luis Delta-Mendota Water Authority  
P.O. Box 2157  
Los Banos, CA 93635

Mr. John Kingsbury  
Executive Director  
Mountain Counties Water Resources Association  
P.O. Box 251  
Placerville, CA 95667

42 USC 10363.

**SEC. 9503. RECLAMATION CLIMATE CHANGE AND WATER PROGRAM.**

(a) **IN GENERAL.**—The Secretary shall establish a climate change adaptation program—

(1) to coordinate with the Administrator and other appropriate agencies to assess each effect of, and risk resulting from, global climate change with respect to the quantity of water resources located in a service area; and

(2) to ensure, to the maximum extent possible, that strategies are developed at watershed and aquifer system scales to address potential water shortages, conflicts, and other impacts to water users located at, and the environment of, each service area.

(b) **REQUIRED ELEMENTS.**—In carrying out the program described in subsection (a), the Secretary shall—

(1) coordinate with the United States Geological Survey, the National Oceanic and Atmospheric Administration, the program, and each appropriate State water resource agency, to ensure that the Secretary has access to the best available scientific information with respect to presently observed and projected future impacts of global climate change on water resources;

(2) assess specific risks to the water supply of each major reclamation river basin, including any risk relating to—

(A) a change in snowpack;

(B) changes in the timing and quantity of runoff;

(C) changes in groundwater recharge and discharge;

and

(D) any increase in—

(i) the demand for water as a result of increasing temperatures; and

(ii) the rate of reservoir evaporation;

(3) with respect to each major reclamation river basin, analyze the extent to which changes in the water supply of the United States will impact—

(A) the ability of the Secretary to deliver water to the contractors of the Secretary;

(B) hydroelectric power generation facilities;

(C) recreation at reclamation facilities;

(D) fish and wildlife habitat;

(E) applicable species listed as an endangered, threatened, or candidate species under the Endangered Species Act of 1973 (16 U.S.C. 1531 et seq.);

(F) water quality issues (including salinity levels of each major reclamation river basin);

(G) flow and water dependent ecological resiliency; and

(H) flood control management;

(4) in consultation with appropriate non-Federal participants, consider and develop appropriate strategies to mitigate each impact of water supply changes analyzed by the Secretary under paragraph (3), including strategies relating to—

(A) the modification of any reservoir storage or operating guideline in existence as of the date of enactment of this Act;

(B) the development of new water management, operating, or habitat restoration plans;

(C) water conservation;

Assessment.

Analysis.

Strategies.

*Amal Kumar*

(D) improved hydrologic models and other decision support systems; and

(E) groundwater and surface water storage needs; and

(5) in consultation with the Director, the Administrator, the Secretary of Agriculture (acting through the Chief of the Natural Resources Conservation Service), and applicable State water resource agencies, develop a monitoring plan to acquire and maintain water resources data—

Monitoring plan

(A) to strengthen the understanding of water supply trends; and

(B) to assist in each assessment and analysis conducted by the Secretary under paragraphs (2) and (3).

(c) **REPORTING.**—Not later than 2 years after the date of enactment of this Act, and every 5 years thereafter, the Secretary shall submit to the appropriate committees of Congress a report that describes—

(1) each effect of, and risk resulting from, global climate change with respect to the quantity of water resources located in each major reclamation river basin;

(2) the impact of global climate change with respect to the operations of the Secretary in each major reclamation river basin;

(3) each mitigation and adaptation strategy considered and implemented by the Secretary to address each effect of global climate change described in paragraph (1);

(4) each coordination activity conducted by the Secretary with—

(A) the Director;

(B) the Administrator;

(C) the Secretary of Agriculture (acting through the Chief of the Natural Resources Conservation Service); or

(D) any appropriate State water resource agency; and

(5) the implementation by the Secretary of the monitoring plan developed under subsection (b)(5).

(d) **FEASIBILITY STUDIES.**—

(1) **AUTHORITY OF SECRETARY.**—The Secretary, in cooperation with any non-Federal participant, may conduct 1 or more studies to determine the feasibility and impact on ecological resiliency of implementing each mitigation and adaptation strategy described in subsection (c)(3), including the construction of any water supply, water management, environmental, or habitat enhancement water infrastructure that the Secretary determines to be necessary to address the effects of global climate change on water resources located in each major reclamation river basin.

(2) **COST SHARING.**—

(A) **FEDERAL SHARE.**—

(i) **IN GENERAL.**—Except as provided in clause (ii), the Federal share of the cost of a study described in paragraph (1) shall not exceed 50 percent of the cost of the study.

(ii) **EXCEPTION RELATING TO FINANCIAL HARDSHIP.**—The Secretary may increase the Federal share of the cost of a study described in paragraph (1) to exceed 50 percent of the cost of the study if the Secretary determines that, due to a financial hardship, the non-Federal participant of the study is unable to

contribute an amount equal to 50 percent of the cost of the study.

(B) NON-FEDERAL SHARE.—The non-Federal share of the cost of a study described in paragraph (1) may be provided in the form of any in-kind services that substantially contribute toward the completion of the study, as determined by the Secretary.

(e) NO EFFECT ON EXISTING AUTHORITY.—Nothing in this section amends or otherwise affects any existing authority under reclamation laws that govern the operation of any Federal reclamation project.

(f) AUTHORIZATION OF APPROPRIATIONS.—There are authorized to be appropriated such sums as are necessary to carry out this section for each of fiscal years 2009 through 2023, to remain available until expended.