



GBA Coordinating Committee Meeting

August 12, 2015 – 10:15 a.m. to 12:00 p.m.

California Water Service Company, Conference Room

1602 East Lafayette Street, Stockton, California

----- Agenda Topics -----

- A. Mokelumne WISE Update (See Attached)
- B. Sustainable Groundwater Management Act – Facilitation and Governance

Future Agenda Items:

- Sustainable Groundwater Management Act (SGMA)
- Geotechnical Services RFQ

**The next regularly scheduled GBA Coordinating Committee meeting is
September 9, 2015, 10:15 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 Water Resource Staff at (209) 468-3089 at least 48 hours prior to the start of the meeting.



Eastern San Joaquin Groundwater Basin Authority Coordinating Committee Meeting Summary Wednesday, July 8, 2015

Follow-up Items:

- Discussion on data needs to develop building blocks for water budget
- Provide sample of MokeWISE support resolution
- Provide bulleted list of contents of MokeWISE Implementation Plan

A. Mokelumne WISE Update:

Mr. Nakagawa provided an overview of the MokeWISE program to date. The process was formally underway with a receipt of a Prop 84 Interregional Planning Grant, which was the only interregional planning grant awarded in the state. The GBA and Upper Mokelumne Regional Watershed Authority (UMRWA) split the cost of grant preparation. There was an extensive list of stakeholders who participated at some level in the process.

Mr. Nakagawa said the process was quite involved as there was substantial involvement of environmental interests. As a result of approximately 22 months, the group developed an Implementation Plan.

After thorough vetting, list of potential Upper and Lower Watershed projects as well as regional projects were included in the plan. It should be underscored these are potential projects that would require further consideration based on their own merits and would need to undergo standard legal review and public processes to proceed beyond the initial project concept phase. The projects enumerated are more “study-oriented.” For example, building new or expanded surface water storage is not on the list, but a study of such a project is on the list.

There is an “Interest Statement” section which contains comments from stakeholders that do not enjoy support by the larger group.

Mr. Nakagawa said “Step One” is to form a structure for implementation. The recommendation is the GBA and UMRWA sign an MOU designating each as the lead agencies for soliciting, securing, and administering project funding.

“Step Two” is to develop and formalize a stakeholder group and supporting protocols for decision-making during the implementation of projects.

“Step Three” is to identify and secure funding for project implementation. The GBA and UMRWA would pursue these funding opportunities.

Mr. Nakagawa said there is a need to adopt a resolution showing support for the MokeWISE Program. After discussion, it was determined staff should provide more clarity on what specific language needs to be in the resolution. There is also an opportunity to replace the current interregional chapter of the IRWMP with this updated information as the current chapter looks at the MokeWISE as something that is going to happen. The new chapter could include what actually happened.

There were comments from participants in the process reflecting that while no single agency or stakeholder got everything they wanted out of the process, a good line of communication was opened. Also, up-country interests received assurance that valley interests will be cognizant of

up-country concerns in the future and work to address them. The MokeWISE effort also served as an opportunity to develop a list of study-oriented projects that could help define future brick and mortar projects.

After discussion, it was requested staff confirm the language that needs to be in the resolution and also provide a bulleted list of contents in the Implementation Plan.

B. Sustainable Groundwater Management Act – Key Components for Governance:

Given that little time remained before the close of the meeting, Mr. Mark Williamson provided a quick overview of Groundwater Sustainability Agency (GSA) Governance options, which includes, but is not limited to organization via: MOUs, JPAs, contractual agreements, and charters.

Mr. Williamson shared examples from Sacramento, Stanislaus, and Kern demonstrating how different basins are considering and drafting governance models.

A distributed handout itemized the basic responsibilities of GSAs as well illustrated different models which varied in degree of increased or a decreased sense of autonomy. Some models offer more simplicity in coordination. However, as the number of GSAs increase within a basin, there is a commensurate increase in coordination, layered with additional complexities, which all translates to an increase in implementation costs.

Because of time constraints, Mr. Williamson will continue his presentation at a future time.

Next Coordinating Committee Meeting: Wednesday, August 12, 2015.

Submitted by:
Carolyn Lott, Senior Facilitator, Principal Carlon Consulting



EASTERN SAN JOAQUIN COUNTY GROUNDWATER BASIN AUTHORITY

1810 EAST HAZELTON AVENUE
STOCKTON, CALIFORNIA 95205
(209) 468-3039/MAIN LINE
(209) 468-2999/FAX
www.GBAwater.org

GBA MEMBERS

- CALIFORNIA WATER SERVICE COMPANY
- CENTRAL DELTA WATER AGENCY
- CENTRAL SAN JOAQUIN WATER CONSERVATION DISTRICT
- CITY OF LODI
- CITY OF STOCKTON
- NORTH SAN JOAQUIN WATER CONSERVATION DISTRICT
- STOCKTON EAST WATER DISTRICT
- SAN JOAQUIN COUNTY
- SOUTH DELTA WATER AGENCY
- SOUTH SAN JOAQUIN IRRIGATION DISTRICT
- WOODBIDGE IRRIGATION DISTRICT
- SAN JOAQUIN FARM BUREAU FEDERATION ASSOCIATE MEMBER

CHARLES WINN
CHAIRMAN

MICHAEL SELLING
SECRETARY

MEETING ATTENDANCE RECORD

Meeting: GBA - COORDINATING COMMITTEE MEETING

Location: CALIFORNIA WATER SERVICE COMPANY Date: 07/8/2015 Time: 11:00 A.M.

NAME	AFFILIATION	E-MAIL ADDRESS	PHONE
Lynn Hoffman	SJC-PW-WR	mlhoffman@sjgov.org	209-468-3531
Kelly Villalpando	SJC-PW-WR	KRVillalpando@SJGOV.ORG	209 468 3073
JOHN FREEMAN	CAL WATER	jfreeman@calwater.com	209-547-7910
Julianne Phillips	SJFB	JPHILLIPS@SJFB.ORG	209-931-4931
Dante John Namellini	COWA	ngmplcs@pacbell.net	209 465-5883
Scott Moody	SEWA		
Tom Flins	NSJWC/D		334-0444
CHUCK WIND	SJC		468-3113
Michael Callahan	SJC PW	mcallahan@sjgov.org	468-9360
Greg Milleman	Cal Water	gmilleman@calwater.com	(661)476-0574
Carolyn Lee	Public Consulting		
Greenie Ramirez	SJC PW	greenie@sjgov.org	953-7778
Brandon Nakagawa	SJ PW		
Kurtis Keller	NFB		9488200
Linda Turkatte	SJCEHD	Lturkatte@sjcehd.com	(209)468-3912
Adrienne Ellsasser	SJCEHD	aellsasser@sjcehd.com	11 468-0343
Sam Bologna	SSJID	sbologna@SSJID.com	(209)249-4617
Tom Francis	EBMWD	tfrancis@ebmwd.com	510 287 1311
JEFF SHAW	STANTEC	JEFF.SHAW@STANTEC.COM	9165243405
JOHN MOYNIER	STANTEC	JOHN.MOYNIER@STANTEC.COM	916-660-6683
Pete Martin	CCWD	peterm@ccwd.org	209-754-3094
Neal Colwell	KSN, Inc.	ncolwell@ksninc.com	209 946-0268

ATTACHMENT A.

RESOLUTION NO. 2015-__
OF THE BOARD OF DIRECTORS OF THE EASTERN SAN JOAQUIN COUNTY
GROUNDWATER BASIN AUTHORITY ADOPTING THE MOKELUMNE WATERSHED
INTERREGIONAL SUSTAINABILITY EVALUATION PROGRAM

Formatted: Centered

WHEREAS, the Upper Mokelumne River Watershed Authority ("UMRWA") and the Eastern San Joaquin County Groundwater Basin Authority ("GBA") have joined together to pursue completion of the Mokelumne Watershed Interregional Sustainability Evaluation ("MokeWISE") Program, a Mokelumne River watershed-focused interregional water resources planning program; and,

WHEREAS, the UMRWA is a joint powers authority comprised of agencies with water supply and water resource management authorities and responsibilities in Alpine, Amador, Calaveras, Alameda and Calaveras Counties; and,

WHEREAS, the GBA is a joint powers authority established in 2001 and comprised of agencies with water supply and water resource management authorities and responsibilities within San Joaquin County; and,

WHEREAS, water resources originating from the Mokelumne River watershed have been and will remain a significant source of the water for people, the environment, and agribusiness and provide an invaluable contribution to the economy and public well-being; and,

WHEREAS, the California Department of Water Resources has provided \$878,605 in Proposition 84 grant funding in support of developing the \$1,258,770 MokeWISE Program; and,

WHEREAS, stakeholder entities representing a diverse set of Upper and Lower Mokelumne River watershed interests formed into the Mokelumne Collaborative Group ("MCG") to guide the development of a broadly supported MokeWISE Program which includes projects, policies and other initiatives to enhance groundwater management, water supply reliability and Mokelumne River natural resources; and,

WHEREAS, the agency's adoption of the MokeWISE Program is exempt from the California Environmental Quality Act pursuant to CEQA Guidelines sections 15262 and 15306 because the MokeWISE Program: (1) does not commit the agency to any final course of action and involves only planning, assessment and information gathering and study activities for possible future actions that the agency has not yet adopted, approved or funded; and (2) will not result in the disturbance of any environmental resource.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the GBA hereby ~~adopts~~ supports the Mokelumne Watershed Interregional Sustainability Evaluation Program as described in the Implementation Plan, based on the following understandings:

Formatted: Indent: First line: 0", Tab stops: 0", Left

Formatted: Font: (Default) Arial, 11 pt

- The projects identified in the Implementation Plan are those that are broadly supported by the MCG member agencies.
- If projects identified in the Implementation Plan change or are pursued not in accordance with the Implementation Plan that continued support by MCG members may not continue.

Formatted: Indent: Left: 1", No bullets or numbering

- Implementation Plan Projects will, when developed and as applicable, be subject to compliance with the California Environmental Quality Act, the National Environmental Policy Act, federal Endangered Species Act, California Endangered Species Act, and other applicable regulatory and permitting requirements.
- Funding to implement MokeWISE Implementation Plan Projects will be sought from available funding programs as described in the Implementation Plan.

PASSED AND ADOPTED this ~~August 12~~September 9, 2015, by the following vote of the Board of Directors of the Eastern San Joaquin County Groundwater Basin Authority, to wit:

AYES:

NOES:

ABSENT:

ATTEST: MICHAEL SELLING
Secretary of the
Eastern San Joaquin County
Groundwater Basin Authority

CHUCK WINN, Chairman
Board of Directors of the
Eastern San Joaquin County
Groundwater Basin Authority

Formatted: Normal, No bullets or numbering

Upper Mokelumne River Watershed Authority

Agenda No: 2

Meeting Date: July 24, 2015

Title: MokeWISE Program Completion

Recommended Actions:

- 1) Adopt Resolution No. 2015 – 2 approving the MokeWISE Program and expressing support for MokeWISE projects and policies.
- 2) Adopt Resolution No. 2015 – 3 adopting the updated MAC Plan Project List as an addendum, and approving the MokeWISE IRWM Integration Memorandum as an appendix, to the MAC Plan.
- 3) Authorize staff to prepare a MOU with the San Joaquin Groundwater Banking Authority (GBA) that describes mutually acceptable MokeWISE implementation tasks.

Summary:

In April 2013 UMRWA entered into a Prop 84 Planning Grant agreement with DWR to develop the Mokelumne Watershed Interregional Sustainability Evaluation (MokeWISE) program. Enabled with \$878,605 in grant funding UMRWA served as lead agency for the project as provided by an MOU with the project co-sponsor, the Eastern San Joaquin County Groundwater Basin Authority (GBA). With the Mokelumne Collaborative Group's (MCG) consensus support for the MokeWISE projects and policies, and its approval of the MokeWISE final report on June 12, this project is nearly complete.

Presented here for the Board's consideration are two related Integrated Regional Water Management (IRWM) actions. First is the adoption of the MokeWISE Program (including the Board's expressed support for the MokeWISE projects and policies). The second is the Board's approval of the updated MAC Plan Project List as an addendum, and approval of the MokeWISE IRWM Integration Memorandum as an appendix, to the MAC Plan.

Discussion:

This agenda report represents the eighth and final status report on the nearly completed MokeWISE Program. MokeWISE was initiated in June 2013 as a largely grant-funded partnership between the UMRWA and the San Joaquin County Eastern. The MokeWISE process has yielded a broadly supported water resources program that includes a diverse portfolio of projects and policies aimed at improved watershed management in the Mokelumne River Watershed. Nearly all UMRWA Member Agencies worked in concert with other upper and lower Mokelumne watershed stakeholders as active participants of MokeWISE's Mokelumne Collaborative Group (MCG), the 25-organization body (membership shown in Table 1 below) established almost 2 years ago to guide the development of the MokeWISE program. In addition to 22 facilitated MCG meetings and many MCG sub-committee meetings, a total of five evening public meetings were held, two in upcountry locations and three in San Joaquin County.

The purpose of the MokeWISE Program was to generate a portfolio of water resource projects that address upper and lower Mokelumne River watershed issues and could be broadly supported by a diverse set of interested stakeholders. This portfolio of broadly supported projects would then serve as the basis for future grant funding opportunities such as the 2014 voter approved Proposition 1. Funding to implement the MokeWISE program is anticipated from a number of sources, with the expectation that the broadly supported MokeWISE program will be an attractive funding target for future state and perhaps federal investment.

Table 1 - MCG Participating Organizations

Amador Water Agency	My Valley Springs
Amador County	N. San Joaquin Water Cons. District
Calaveras County	Pacific Gas & Electric
Calaveras County Water District	Restore the Delta
Calaveras Planning Coalition	San Joaquin County
Calaveras Public Utility District	San Joaquin Farm Bureau
California Sportfishing Protection Alliance	San Joaquin County Resource Conservation District
City of Lodi, Public Works	San Joaquin County, Public Works
City of Stockton, Municipal Utilities	Sierra Club, SF Bay Chapter
Delta Flyfishers	Stockton East Water District
East Bay Municipal Utilities District	Woodbridge Irrigation District
Foothill Conservancy	Upper Mokelumne River Watershed Authority
Jackson Valley Irrigation District	

MokeWISE Project and Policy Development Process

Starting with a wide array of project concepts submitted by MCG members for review and consideration, screening was performed to identify if projects were infeasible due to fatal flaws, limited benefits, significant opposition, or the potential for unintended consequences. Some project proponents withdrew project proposals from further consideration when screening indicated that broad support would be difficult to achieve. In other cases project proposals were modified to remove objectionable elements. Those project concepts that were advanced underwent additional screening, with cost estimates developed and more detailed project descriptions drafted. Issues such as water availability, environmental considerations, and future stakeholder outreach considerations were vetted for each project. Ultimately the MCG worked effectively to tailor the projects that were advanced to the final selection stage so each addressed the basic interests of the participating water agency, city and county, environmental organization, and farming representatives.

Twenty-one projects and four policies were finally selected for future implementation. These are presented in Attachment 1.

Integration of MokeWISE into the MAC Plan:

In fulfilling its Prop 84 Planning Grant requirements UMRWA must incorporate applicable elements of the MokeWISE program into the MAC Plan. The intent is not to supersede existing MAC Plan provisions but rather to coalesce the interregional MokeWISE elements into the MAC Region's

integrated regional water management plan. The proposed means for incorporating the applicable MokeWISE program content into the MAC Plan is by appending the IRWM Integration Memorandum to the MAC Plan.

As part of its MokeWISE scope of work RMC prepared an IRWM Integration Memorandum that describes the content from the MokeWISE program that may appropriately be integrated into both the MAC Plan and the GBA's regional plan. Appending this memorandum to the MAC and ESJ IRWM Plans is intended to functionally integrate the MokeWISE program into each of these regional plans. Listed below are the MAC Plan sections into which MokeWISE program information is to be integrated, along with a brief explanation of what that information entails.

- Stakeholder Involvement – the stakeholder involvement efforts implemented as part of the MokeWISE program and are summarized, including the outcomes from the Public and DAC Outreach Implementation effort.
- Coordination – the processes used to coordinate water management of participating local agencies and local stakeholders to avoid conflicts and take advantage of efficiencies, as well as the process of cooperating between adjacent IRWM planning efforts is discussed, along with opportunities for State agency assistance in implementation of the broadly supported projects.
- Governance – the institutional arrangements for implementing MokeWISE, as identified in the implementation section of this document, are described to supplement the Governance sections of the existing plans.
- Region Description – water supply, water quality, and environmental resources information developed through MokeWISE is summarized to augment the information included in each IRWM Plan.
- Objectives – the Program Objectives developed for the MokeWISE program are summarized to augment the MAC and ESJ Region IRWM Objectives.
- Resource Management Strategies (RMS) – the RMS reflected in the implementation projects are summarized to supplement discussions contained within each existing IRWM Plan.
- Project Review Process – project concept descriptions and scopes of work are provided to allow projects to be prioritized by the MAC and ESJ Region IRWM project review processes.
- Integration – stakeholder integration achieved through MokeWISE is described to supplement integration activities occurring at the regional level through the MAC and ESJ IRWM planning processes.
- Impact and Benefit – impacts and benefits of the implementation projects are provided to supplement the MAC and ESJ IRWM Plan impacts and benefits discussions.
- Plan Performance and Monitoring – a proposed approach for monitoring effectiveness of each project, including performance measures and desired outcomes, is identified to supplement the Plan-level performance and monitoring discussions.

- Data Management – approaches for managing data developed through the MokeWISE program, as well as data generated by implementation and tracking of the implementation projects, is summarized.
- Finance – the approach to funding / financing the implementation projects, as identified in the Implementation Plan, is summarized for inclusion in the respective IRWM Plans.
- Technical Analysis – the technical feasibility analysis of the implementation projects is to be summarized.
- Relation to Local Water Planning – the consistency of implementation projects with local water planning is summarized to augment discussions in the MAC and ESJ IRWM Plans.
- Relation to Local Land Use Planning – the consistency of implementation projects with local land use planning is summarized to augment discussions in the MAC and ESJ IRWM Plans.
- Climate Change – potential climate change adaptation and/ or mitigation benefits associated with the MokeWISE program, including estimated greenhouse gas (GHG) emission impacts, are summarized.

MokeWISE Implementation Plan

The institutional arrangement considered necessary and appropriate to implement the list of MCG supported projects is described in the MokeWISE Implementation Plan. The plan identifies the following three attributes of a workable institutional arrangement as essential to project implementation:

- Legal ability to apply for and accept state and other grant funding
- Authority and administrative capacity to; enter into contracts, account for receipt and expenditure of funds, and implement water resource projects
- Commitment to ensure continued opportunities for meaningful input from stakeholders and the public

The MCG determined that the most suitable institutional approach would involve two main tiers of responsibility. One tier would be responsible for pursuing funding for and facilitating the implementation of projects and programs (Implementation Tier), and the other tier would be responsible for providing input and serving in an advisory capacity to the implementation tier (Stakeholder and Public Involvement Tier).

The *Implementation Tier* of the institutional arrangement would be achieved through an MOU between the GBA and UMRWA. The MOU would specify that the GBA and UMRWA would act as the lead agencies for soliciting, securing, and administering funding for projects being implemented in each of their regions, respectively. The MOU would characterize the roles and responsibilities of all the MOU signatories and would specify that project sponsors would be ultimately responsible for implementing their respective projects. Project sponsors and other governmental and non-governmental stakeholders would also be able to sign on to the MOU but would not be required to do so.

If funding were secured by UMRWA or the GBA for a project, a separate contractual agreement would be developed between UMRWA or GBA and the project sponsor, as appropriate, to clearly articulate the funding agreement terms, conditions, and requirements. It should be noted that being included in

the MokeWISE implementation plan does not preclude a project sponsor from independently pursuing a project.

The *Stakeholder and Public Involvement Tier* of the proposed institutional arrangement would engage at two levels of MokeWISE implementation. At the region level, existing committees (the Regional Participants Committee in the MAC Region and the GBA Coordinating Committee in the ESJ Region) would advise the Implementation Tier on what projects to pursue funding for, changing needs for program implementation, etc. within each region.

At the inter-regional level, a MCG legacy stakeholder group will be co-hosted annually by the GBA and UMRWA. This MCG legacy stakeholder group would presumably include current MCG members and potentially other members not currently involved in the process, including individual members of the public. The legacy stakeholder group would adopt or adapt the MCG's protocols for decision-making and organization, and would meet at least annually to review MokeWISE implementation. Recommendations made by the legacy stakeholder group would be brought back to and considered by both the existing committees within each region and the Implementation Tier. As determined appropriate by the MCG legacy stakeholder group, public workshops may be held to provide status updates and solicit input from the public on the projects being implemented, similar to those being held under the current structure used by the MCG.

The first step in implementing this institutional arrangement involves drafting an MOU outlining the implementation roles and responsibilities of UMRWA and the GBA. The key implementation activities to be addressed by this MOU are summarized below.

- UMRWA to serve as lead for implementation of upper watershed projects and GBA for implementation of lower watershed projects
- Solicit input from stakeholders and public related to grant funding initiatives for upper and lower watershed implementation projects, respectively
- Pursue and administer grant funding received by UMRWA for upper watershed implementation projects, and by the GBA for lower watershed projects
- Contract with applicable project sponsors to provide funding by UMRWA for implementation of upper watershed implementation projects, and by the GBA for lower watershed projects
- Report to DWR on project implementation status for upper watershed projects by UMRWA, and GBA for lower watershed projects, on behalf of the project sponsors
- UMRWA and GBA work together to convene annual MCG legacy stakeholder group meetings

Updated MAC Plan Project List:

To be eligible to receive grant funding under a variety of state administered grant programs a project must be included in the region's IRWM plan. In a recently completed (April 2015) process the Regional Participants Committee (RPC), which is the stakeholder group that guides the MAC Plan planning process, a revised list of MAC Plan projects was developed and approved. This refreshed Project List provides UMRWA with an updated pool of candidate

projects for potential inclusion in future grant applications. The updated Project List includes 45 projects (replacing the 37 projects contained in the January 2013 MAC Plan).

The Board reviewed the 'MAC Plan Project List Update 2015' at its April 24 meeting and approved four projects from that list to be included in UMRWA's Round 3 Prop 84 grant proposal (presently being developed). The list is presented in conjunction with this agenda item (Attachment 2) to facilitate the Board's formal approval of the new Project List as an addendum to the MAC Plan.

Resolutions:

Resolution 2015 – 2 is presented for the Board's consideration (Attachment 3). By approving this resolution the Board will adopt the MokeWISE Program and express support for the projects included in the MokeWISE Implementation Plan (the GBA is considering a similar action). Adoption of the resolution confirms UMRWA's support for the projects contained in the MokeWISE Program and for the follow-up activities as presented in the MokeWISE Implementation Plan.

In addition, the Board should also approve Resolution 2015 – 3 (Attachment 4). By approving this second resolution the Board will adopt the updated MAC Plan Project List as an addendum, and the MokeWISE IRWM Integration Memorandum as an appendix, to the MAC Plan.

Next Steps:

1. UMRWA staff will initiate discussions with the GBA to develop the MOU as recommended in the MokeWISE Implementation Plan.
2. MCG member organizations are encouraged to adopt resolutions that express their support for the MokeWISE projects and submit copies of those resolutions to RMC (for incorporation into the final report documents) by September 1.

ATTACHMENT 1

MokeWISE Implementation Projects and Policies

MokeWISE Implementation Projects	
Project #	Project Name
1a	Re-Introduction of Fall-Run Chinook Salmon Upstream of Pardee Reservoir
1b	High Country Meadow Restoration Program
1c	Mokelumne River Day Use Area Floodplain Habitat Restoration Project
1d	Fish Screens for Riparian Diversions in the Lower Mokelumne
1f	Riparian Restoration Program – Below Camanche
1g	Mokelumne Water Quality, Soil Erosion, & Sedimentation Inventory/Monitoring
2a	Municipal Recycled Wastewater Recharge Program
2b	Constellation Winery Wastewater Reuse
2c	Amador County Regional Reuse
4a	Groundwater Banking within the Eastern San Joaquin Groundwater Basin
4b	Amador and Calaveras Counties Hydrologic Assessment
4d	NSJWCD Infrastructure Improvements
5a	Regional Urban Water Conservation Program
5b	Regional Agriculture Conservation Program3
7a	PG&E Storage Recovery
7b	Lower Bear Reservoir Feasibility Update and Preliminary Engineering
7d	Re-operation of Existing Storage
7f	Blue and Twin Lakes Dams Reliability and Replacement Assessment
8b	Rehab of Transmission Main
8c	Barney Way Septic System Conversion
8d	Lake Camanche Village Recycled Water Project
MokeWISE Policies	
Policy #	Policy Name
9a	Land Use Coordination
9b	Sustainable Forest - Watershed Management Project
9c	Watershed Coordinator
9f	MokeWISE Projects Public Involvement Initiative

ATTACHMENT 2

MAC Plan Project List Update

No.	Sponsor Agency	Project Name	Project Type	Estimated Cost
1	AWA	Amador County Long Term Water Needs Study	Planning	\$250,000
2	AWA	Amador Water Agency Low Pressure Fire Flow Improvements	Planning and Implementation	\$675,000
3	AWA	Camanche Area Regional Water Supply Project Phase II (CARWSP II)	Planning and Implementation	\$6,963,046
4	AWA	CAWP & AWS Intertie	Planning	\$2,750,000
5	AWA	CAWP Fire Protection Project	Planning	\$150,000
6	AWA	CAWP Gravity Distribution Line	Planning	\$50,000
7	AWA	CAWP Tanks Replacement and Consolidation Project	Planning and Implementation	\$2,600,000
8	AWA	Community Leachfield Groundwater Nitrate Study	Planning	\$100,000
9	AWA	Floating Covers Replacement Project	Planning and Implementation	\$100,000
10	AWA	Groundwater Banking Project (Conjunctive Use)	Planning	\$200,000
11	AWA	Highway 88 Corridor Wastewater Transmission Pipeline (study)	Planning	\$50,000
12	AWA	Ione Hydroelectric Project	Implementation	\$1,649,000
13	AWA	Ione Treated Water Loop	Planning	\$50,000
14	AWA	Lake Camanche Transmission Main Project	Implementation	\$900,000
15	AWA	Lake Camanche Village Wastewater Reuse Project	Planning	\$14,450,000
16	AWA	Lake Camanche Water Service Replacement – Phase III	Implementation	\$594,000
17	AWA	Lower Amador Canal Project	Planning	\$200,000
18	AWA	Lower Bear River Reservoir Expansion Project	Planning	\$5,200,000
19	AWA	Martell Wastewater Lift Station Reduction Project	Planning	\$550,000
20	AWA	Mokelumne Water Quality, Soil Erosion, and Sedimentation Restoration Project	Planning	\$150,000
21	AWA	Mount Crossman Tank Project	Planning	\$2,000,000
22	AWA	New York Ranch Reservoir Conservation and Management	Planning	\$35,000
23	AWA	Regional Wastewater Reuse Project	Planning and Implementation	\$20,000,000
24	AWA	Shenandoah Valley Water Supply Analysis	Planning	\$75,000
25	AWA	Small Diameter Pipe Treated Water Conversion	Planning and Implementation	\$3,250,000
26	AWA	Surface Storage Feasibility Study	Planning	\$200,000
27	AWA	Tanner Backwash Water Recycling / Reuse Project	Planning and Implementation	TBD
28	AWA	Tanner Regional Water Treatment Plant	Planning and Implementation	\$24,116,537
29	AWA	Wastewater Collection System Improvement Study	Planning	\$200,000

30	AWA	Water System Replacement Master Plan	Planning	\$300,000
31	CCWD	Sheep Ranch Drinking Water Compliance Project	Implementation	\$300,000
32	CCWD	West Point Water Treatment Plant Drinking Water Compliance Project	Implementation	\$825,000
33	CPUD	CPUD Water Distribution System Improvements	Planning and Implementation	\$1,030,000
34	CPUD	Jeff Davis Treatment Plant Improvements	Implementation	\$80,000
35	CPUD	Middle Fork Ditch Pipeline and Hydroelectric Power Project	Planning and Implementation	\$11,135,000
36	FC	Citizen Water Quality Monitoring	Implementation	\$25,000
37	FC	High Country Meadow Restoration	Planning	\$40,000
38	FC	Restoring the Upper Mokelumne's Anadromous Fish	Planning and Implementation	\$1,100,000
39	Stanislaus NF	Hemlock Landscape Restoration	Implementation	\$2,000,000
40	Stanislaus NF	Mattley Meadow Restoration	Planning and Implementation	\$200,000
41	Stanislaus NF	Moore Creek Restoration	Planning	\$36,000
42	City of Plymouth	Plymouth Arroyo Ditch Pipeline Project	Implementation	\$15,000,000
43	City of Plymouth	Plymouth Wastewater Irrigation Project	Implementation	\$2,500,000
44	AWA	MAC Conservation Program	Implementation	\$1,028,590
45	AWA	Amador County Fairgrounds Water Line Replacement ¹	Implementation	\$580,000

¹ The Amador County Fairgrounds Water Line Replacement project requires additional RPC vetting.

ATTACHMENT 3

UPPER MOKELUMNE RIVER WATERSHED AUTHORITY

RESOLUTION 2015 – 2

**ADOPTION OF and SUPPORT FOR THE
MOKELUMNE WATERSHED INTERREGIONAL SUSTAINABILITY
EVALUATION PROGRAM**

JULY 24, 2015

WHEREAS, the Upper Mokelumne River Watershed Authority (UMRWA) and the Eastern San Joaquin County Groundwater Basin Authority (GBA) have joined together to pursue completion of the Mokelumne Watershed Interregional Sustainability Evaluation (MokeWISE) Program, a Mokelumne River watershed focused interregional water resources planning program; and

WHEREAS, the California Department of Water Resources has provided \$878,605 in Proposition 84 grant funding in support for developing the \$1,258,770 MokeWISE Program; and

WHEREAS, stakeholder entities representing a diverse set of Upper and Lower Mokelumne River watershed interests formed into the Mokelumne Collaborative Group (MCG) to guide the development of a broadly supported MokeWISE Program which includes projects, policies and other initiatives to enhance groundwater management, water supply reliability and Mokelumne River natural resources; and

WHEREAS, support of the MokeWISE Program is exempt from the California Environmental Quality Act pursuant to CEQA Guidelines §15262 and §15306 because the MokeWISE Program involves planning and assessment activities for possible future actions that project sponsors and others have not yet approved and therefore would not result in the disturbance of any environmental resource; and

NOW THEREFORE, BE IT RESOLVED that the UMRWA Board of Directors hereby adopts and expresses its support for the Mokelumne Watershed Interregional Sustainability Evaluation Program, based on the following understandings:

- The projects identified in the MokeWISE Implementation Plan are those that are broadly supported by the MCG member agencies and adoption of this resolution expresses support for those projects.
- Implementation Plan Projects will, when and as applicable, be subject to compliance with the California Environmental Quality Act, the National Environmental Policy Act, federal Endangered Species Act, California Endangered Species Act, and other applicable regulatory and permitting requirements.
- Funding to implement MokeWISE Implementation Plan Projects will be sought from available funding programs as described in the Implementation Plan.

ADOPTED this 24th day of July 2015

Board Chairperson

ATTEST:

Authority Secretary

ATTACHMENT 4

UPPER MOKELUMNE RIVER WATERSHED AUTHORITY

RESOLUTION 2015 - 3

**ADOPTING THE UPDATED MAC PLAN PROJECT LIST AS AN ADDENDUM,
and the**

**MOKEWISE INTERGRATION MEMORANDUM AS AN APPENDIX
TO THE MOKELUMNE-AMADOR-CALAVERAS**

INTEGRATED REGIONAL WATER MANAGEMENT PLAN

JULY 24, 2015

WHEREAS, the State electorate approved Proposition 84 on November 7, 2006 providing \$1 billion for the Integrated Regional Water Management (IRWM) Program with \$57 million of that amount allocated to the San Joaquin River Funding Area; and

WHEREAS, the benefits of integrated regional planning for water resources management are intended to include increased efficiency and effectiveness, enhanced collaboration between stakeholders, and improved responsiveness to regional priorities; and

WHEREAS, the Upper Mokelumne River Watershed Authority (UMRWA) is a regional water management group as defined by the California Water Code. A Joint Powers Agency formed in 2000 to address water quality, water supply and environmental matters, UMRWA is comprised by Amador Water Agency, Calaveras County Water District, Calaveras Public Utility District, East Bay Municipal Utility District, Jackson Valley Irrigation District, Alpine County Water Agency and the counties of Amador, Calaveras and Alpine; and

WHEREAS, the Mokelumne-Amador-Calaveras IRWM Region (MAC Region) is an established region as determined by California Department of Water Resources (DWR) in 2009 under DWR's Regional Acceptance Process; and

WHEREAS, the original MAC Plan was developed and adopted in 2006 under then-existing Department of Water Resources rules and guidelines; and

WHEREAS, an updated MAC Plan, developed under the guidance of the Regional Participants Committee to conform with revised DWR rules and guidelines, was adopted by the UMRWA Board of Directors on January 25, 2013; and

WHEREAS, an updated list of MAC Plan projects (i.e. Project List) was developed by the RPC between January and April 2015 as an addendum to the updated MAC Plan; and

WHEREAS, applicable elements of the interregional MokeWISE Program, funded largely by a Prop 84 Planning Grant, are to be made part of the MAC Plan by appending the IRWM Integration Memorandum to the MAC Plan.

WHEREAS, adopting the updated Project List as an addendum, and the MokeWISE Program as an appendix to the MAC Plan are exempt from the

California Environmental Quality Act pursuant to CEQA Guidelines §15262 and §15306 because these are planning efforts which involve planning studies for possible actions that participating agencies have not yet approved and consist of basic data collection and analysis that would not result in the disturbance of any environmental resource; and

NOW THEREFORE, BE IT RESOLVED that the UMRWA Board of Directors does hereby adopt the updated Project List as an addendum, and the MokeWISE Program as an appendix, to the Mokelumne-Amador-Calaveras IRWM Plan.

ADOPTED this 24th day of July 2015

Board Chairperson

ATTEST:

Authority Secretary