



## WATER RESOURCES ASSOCIATION OF YOLO COUNTY

P.O. Box 8624, Woodland, CA 95776

**Phone:** (530) 666-2733 **Fax:** (530) 666-4257

**Website:** [www.yolowra.org](http://www.yolowra.org) **Email:** [info@yolowra.org](mailto:info@yolowra.org)

### Technical Committee Meeting

Thursday, February 4, 2016, 8:30 – 10:30 am

Yolo County Flood Control & WCD, Board Room, 34274 State Hwy. 16, Woodland

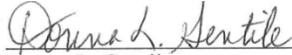
## AGENDA

1. **Call to Order**
2. **Approve Agenda and Adding Items to the Posted Agenda:** In order to add an item to the agenda, it must fit into one of the following categories: a) A majority determination that an emergency (as defined by the Brown Act) exists; or b) A 4/5ths determination that the need to take action that arose subsequent to the agenda being posted.
3. **Approval of Minutes from Previous Committee Meeting:** Minutes (attached) will be approved by consensus through email communications. Previous meeting: 1/7/16. Please comment by 2/5/16, pages 3 – 9
4. **Public Comment:** The public may address the Committee relating to matters within the WRA's jurisdiction.
5. **DWR Update:** (Barrett Kaasa, DWR) - Update on topics of interest to the Technical Committee
6. **Funding Updates:** Discuss available funding opportunities and updates on awarded grants.
  - a) Regional Storm Water Planning Grant, Special Westside-Sac CC meeting 01/29, 2-3 pm (<http://www.westsideirwm.com/meetings.html>)
7. **Water Legislation & Regulatory Issues Update** (Tim O'Halloran, Yolo County, NCWA)
8. **SGMA Planning and Implementation** (Tim O'Halloran/Elisa Sabatini/Dave Ceppos)
  - a) Facilitated Public Outreach process update
9. **WRA Project Fund Budget:**
  - a) FY2015-16 Projects: Total budget: \$98,210. Project updates as appropriate:
    - Cache Creek Watershed Education & Wacky Wilderness Days, Cache Creek Conserv. (\$11,000)
    - Davis-Woodland Schools & Parks Water Conservation Concept, City of Davis (\$31,710)
    - Native Plant Nursery Volunteer Events Coordinator, Putah Creek Council (\$15,000)
    - Nitrogen & Irrigation BMPs for Orchards: Technical Workshop for Yolo County, Yolo County Resource Conservation District (\$10,000)
    - Putah Creek Fall Clean-up, Putah Creek Council (\$8,000)
    - Salmon in the Classroom/Bypass, Putah Creek Council (\$6,000)
    - Westside-Sacramento IRWMP (\$20,000 cost share)
    - Yolo Bypass Integrated Project, Yolo Basin Foundation (\$5,000)
    - Special Project: Yolo County Subsidence Monitoring Observation Event (WRA/Winters/Yolo County/Conaway Ranch contributions ~\$93,000)
    - Special Project: Yolo County Groundwater Monitoring Program, YCFWCWD (lead), (WRA member agency contributions \$89,000)
10. **Member Information & Future Agenda Items:** Committee members are invited to recommend topics or future meetings and report on current issues/events.

**11. Next TC Meeting Date: Thursday, March 3, 2016**, YCFC&WCD Board Room, 34274 State Highway 16, Woodland. (Note: The TC reserves the 3<sup>rd</sup> Thursday of the month for an additional meeting as needed.)

**12. Adjourn**

*I declare under penalty of perjury that the foregoing agenda for the February 4, 2016 meeting of the Technical Committee for the Water Resources Association of Yolo County was posted by January 29, 2016 at the office located at 34274 State Highway 16, Woodland, CA and was available to the public during normal business hours.*



Donna L. Gentile  
Board Secretary & Administrative Coordinator

Water Resources Association of Yolo County  
**Technical Committee (TC) – January 7, 2016, 8:30 – 10:30 am**  
Yolo County Flood Control & WCD, 34274 State Hwy. 16, Woodland

**DRAFT**

**Committee Members:**

Elisa Sabatini, Yolo County, TC Chair	Tim O’Halloran, YCFC&WCD
Carol Scianna, City of Winters	Jordan Power, City of Woodland
Max Stevenson, YCFC&WCD	Nancy Ullrey, Cache Creek Conservancy
Kristin Sicke, YCFCWCD	Barrett Kaasa, CA DWR
Ryan Burnett, City of West Sacramento	Tim Busch, City of Woodland
Bryan Busch, RD 108	Donita Hendrix, Dunnigan Water District
Jeanette Wrynski, Yolo County RCD	Donna Gentile, WRA

**Other Attendees:**

John McKean	Dave Pratt
Chris Lee, SCWA	Evan Jacobs, CA American Water
Dave Ceppos, CCP	Taro Echiburi, Yolo County
Petra Marchand, City of Davis (Consero Solutions)	

**Member Agencies Absent:**

UC Davis	RD 2035
City of Davis	

1. **CALL TO ORDER & Introductions** at 8:30 am by Elisa Sabatini.
2. **APPROVAL AGENDA & Adding Items to Posted Agenda:** Agenda was approved with an added agenda item to hear an update on the Storm Water Management Grant program from Petrea Marchand.
3. **APPROVE MEETING MINUTES:** Previous meeting minutes were emailed to the TC for review with today’s agenda. Donna clarified one item for the transcription of Tim Busch’s ASR presentation. Comments on the draft 11/5/15 minutes are due by 1/8/16.
4. **PUBLIC COMMENT:** Evan Jacobs took a moment to introduce himself and California American Water, who is a multi-district PUC regulated utility. They just took over the operations of the Dunnigan Water Works, which is a small water system serving a mobile home park in the Dunnigan area. Evan can be contacted at [evan.jacobs@amwater.com](mailto:evan.jacobs@amwater.com) or 916-568-4252. They will be requesting to become a WRA Associate Member at the March Board meeting.
- 4a. **ADDED ITEM:** Petrea Marchand, City of Davis (Consero Solutions), gave an update on the Storm Water Grant Program. Proposition 1 (Water Bond 2014) included \$200 million for multi-benefit storm water management to be managed by the State Water Resources Control Board (SWRCB). The SWRCB recently finalized the grant guidelines. Petrea reviewed their definition of multi-benefit, such as improving water quality, improving riparian habitat, and creating/restoring wetlands to name a few benefits. This funding is intended for the implementation of projects that meet the multi-benefit guidelines instead of the previous one-benefit approach to storm water management. There will be two funding rounds one in 2016 and one in 2018. SWRCB is requiring that a storm water resource plan be completed for eligibility to apply for funding. Yolo County and the City of Davis have expressed interest in applying for these funds. A group like the WRA is preferred as an applicant to replicate the agency collaboration for the IRWMP process. Funding to develop a storm water resource plan will only be available in 2016. The application deadline is March 6, 2016. The

Water Resources Association of Yolo County  
**Technical Committee (TC) – January 7, 2016, 8:30 – 10:30 am**  
Yolo County Flood Control & WCD, 34274 State Hwy. 16, Woodland

**DRAFT**

minimum grant is \$50,000 and a maximum of \$500,000 with a 50% match requirement. A storm water resource plan will be required for any future grant funding as well. Petrea asked whether the WRA was interested in applying for planning grant funding to develop this plan. The TC discussed the status of existing storm water resource plans. The TC agreed it would be more appropriate for the Westside-Sacramento IRWM group to be the umbrella regional organization, since it is the current IRWM approved DWR regional planning group. Tim O'Halloran proposed the idea of one application that included two focus areas for the Putah Creek and Cache Creek watersheds. Fortunately Chris Lee, SCWA, was in attendance at today's meeting and he indicated this would be added to the January 15th Coordinating Committee agenda. The TC also discussed the possibility and logistics of using the Westside's remaining small grant funding (an internal grant program) to assist with preparation of the storm water resource grant application. Kristin mentioned that Sean McGuire, formerly with Kennedy/Jenks during the Westside IRWMP development, now manages at the SWRCB's Storm Water Program. The TC discussed how the storm water resource plan is different from storm water quality plans (two different legislative funding sources). Any existing plans can be used to develop the storm water resource plan according to the guidelines. Once the storm water resource plan is adopted that information would need to be incorporated into the Westside-Sacramento IRWMP (required by SB 985). Petrea has submitted many of the questions asked by the TC today to the State Board and is awaiting a response.

**5. CALIFORNIA DEPT. OF WATER RESOURCES (DWR) Update:** Barrett Kaasa, DWR, gave updates on the following items:

**SUSTAINABLE GROUNDWATER MANAGEMENT PROGRAM**

Website <http://www.water.ca.gov/groundwater/sgm/index.cfm>

GSA guidelines, SB 13 Update (September 2015):

- DWR will not post GSA notifications unless they are considered complete.
- Overlapping GSA boundaries must be resolved by the GSAs. GSA cannot exceed service area boundary, will be considered incomplete.
- Requirements: [http://www.water.ca.gov/groundwater/sgm/pdfs/GSA\\_Notification\\_Requirements\\_2015-10-27.pdf](http://www.water.ca.gov/groundwater/sgm/pdfs/GSA_Notification_Requirements_2015-10-27.pdf)

Basin Boundary Modifications:

- Basin boundary emergency regulations adopted by the CA Water Commission on October 21, 2015.
- Website: [http://www.water.ca.gov/groundwater/sgm/basin\\_boundaries.cfm](http://www.water.ca.gov/groundwater/sgm/basin_boundaries.cfm)
- Basin boundary modification requests will be accepted between January 1, 2016 and March 31, 2016.
- The online system for basin boundary modification requests is now live: <http://sgma.water.ca.gov/basinmod/>

GSP update:

- All 10 draft discussion topics available: <http://www.water.ca.gov/groundwater/sgm/gsp.cfm>
- Draft GSP regulations are estimated to be available by the end of January 2016.
  - After release of draft regulations, three public meetings will be held. Draft regulations will be available to the public for review 30 days prior to the public meetings.
  - For most basins, required groundwater monitoring frequency will likely be semi-annual. Possibly higher frequency for basins with highly variable conditions.
- Final regulations will be adopted by June 1, 2016.

Water available for replenishment report

- Draft discussion paper available: [http://water.ca.gov/groundwater/sgm/pdfs/SGMA\\_Water\\_for\\_Replenishment\\_Issues\\_discussion\\_per.pdf](http://water.ca.gov/groundwater/sgm/pdfs/SGMA_Water_for_Replenishment_Issues_discussion_per.pdf)
- Final report due December 31, 2016.
- Practitioners meeting to discuss the topic on January 25, 2016.

Water Resources Association of Yolo County  
**Technical Committee (TC) – January 7, 2016, 8:30 – 10:30 am**  
Yolo County Flood Control & WCD, 34274 State Hwy. 16, Woodland

**DRAFT**

Bi-weekly SGMA newsletter

- Email updates will now be bi-weekly.
- Sign up at: <http://water.ca.gov/groundwater/sgm/subscribe.cfm>

**PROPOSITION 1 FUNDING**

DWR Sustainable Groundwater Planning (SGWP) Grant Program

- Application period closed, currently in review process.
- Funding recommendations announced late January 2016.

DWR IRWM Grant Program

- Still in scoping phase for Draft IRWM Program Guidelines, Draft Planning Grant PSP, Draft DAC Involvement RFP, Draft DAC Project PSP.
- \$510 million in funding will be available. \$37 million for the Sacramento Valley.

DWR Agricultural Water Use Efficiency Grants

- \$30 million in funding available.
- Applicant must have adopted and submitted a 2015 Agricultural Water Management Plan to be eligible for funding. Suppliers > 25,000 acres of service area – 2015 AWMPs due December 31, 2015
- Applications due February 2016.
- <http://www.water.ca.gov/wuegrants/Draft%20AgWUE%202015%20Prop%201%20PSP%2010-2-15.pdf>
- Contact: Fethi Jemaa 916.651.7025; [WUEGrants@water.ca.gov](mailto:WUEGrants@water.ca.gov)

Funding Administered through the Water Board

- Storm Water Planning and Implementation Grants (\$200m)
  - [http://www.waterboards.ca.gov/water\\_issues/programs/grants\\_loans/swgp/prop1/](http://www.waterboards.ca.gov/water_issues/programs/grants_loans/swgp/prop1/)
  - Planning solicitation open from January 19, 2016 to March 4, 2016
  - Implementation solicitation open from January 19, 2016 to July 8, 2016
- Groundwater Sustainability (\$800m)
  - Primarily for groundwater quality related projects - prevention and cleanup of contaminated groundwater that serves as a source of drinking water. \*\*Includes natural contaminants.
  - Priorities: Prevent contamination, enhance local water supply, and recharge high-use basins.
  - [http://www.waterboards.ca.gov/water\\_issues/programs/grants\\_loans/gw\\_funding/](http://www.waterboards.ca.gov/water_issues/programs/grants_loans/gw_funding/)
  - Applications likely due summer/fall 2016.
- Drinking Water (\$260m), Recycled Water (\$625m), and Small Community Wastewater (\$260m) Loans and Grants:
  - These funds will be administered through the Water Board, using the Drinking Water State Revolving Fund (DWSRF) and Clean Water State Revolving Fund (CWSRF).
  - [http://www.waterboards.ca.gov/water\\_issues/programs/grants\\_loans/proposition1.shtml](http://www.waterboards.ca.gov/water_issues/programs/grants_loans/proposition1.shtml)

**PROPOSITION 84 IRWM GRANT 2015 SOLICITATION**

Website <http://www.water.ca.gov/irwm/grants/p84implementation.cfm>

- The grant application period closed on August 7, 2015. DWR received 37 grant applications requesting a total of \$306.5 million in IRWM grant funds for projects totaling in excess of \$1.1 billion for the 2015 Grant Solicitation. This is the last solicitation for Proposition 84 funds.
- DWR has recommended that 26 proposal be awarded grant funding for a total of \$231,582,157. (10/29/2015) Westside Sac IRWM 100% funding (\$2,212,085)
- Still waiting on executive approval for final funding awards, expected mid-January.

Water Resources Association of Yolo County  
**Technical Committee (TC) – January 7, 2016, 8:30 – 10:30 am**  
Yolo County Flood Control & WCD, 34274 State Hwy. 16, Woodland

**DRAFT**

**FLOOD**

Hazard Mitigation Grant Program (CalOES/FEMA)

- DR-4240 (Valley and Butte Fires) now qualify for HMGP
- Notice of Interest Announcement - Applications due by Jan. 29, 2016.
- <http://www.caloes.ca.gov/cal-oes-divisions/recovery/disaster-mitigation-technical-support/404-hazard-mitigation-grant-program>
- Subgrant applicants must have a FEMA approved Local Hazard Mitigation Plan (LHMP) to submit an application for a project activity. Project activities must also be shown to be cost effective using the FEMA-approved software.
- The federal share for HMGP projects cannot exceed 75 percent of the total eligible project cost. For DR-4240, the federal share requested is capped at \$3 million.

Small Communities Flood Risk Reduction Program

- Purpose: To help bring small communities (<10k people) up to the “100-year” flood protection standard.
- Public comment period for draft guidelines and PSP closed on December 28, 2015
- Initially, projects will be limited to feasibility studies. For small communities, the State will fund all reasonable and eligible costs needed to complete a feasibility study, up to a maximum of \$500,000 per applicant. Any amounts incurred over \$500,000 shall be cost shared at 50 percent between the applicant and DWR
- Upon completion of feasibility study, applicants can apply for design/implementation funding.
- <http://www.water.ca.gov/floodmgmt/funding/scfrr-guidelines.cfm>

**2015 URBAN WATER MANAGEMENT PLAN GUIDEBOOK**

Website: <http://www.water.ca.gov/urbanwatermanagement/uwmp2015.cfm>

- Draft Guidebook posted in November 2015
- Final Guidebook available January 2016
- 2015 UWMPs due July 1, 2016
- Online Population tool - used to help calculate historical population
- WUE Data Online Submittal Tool – Available January 2016 – allows for electronic submittal of UWMPs
- 2015 UWMP Workshop Slides: <http://www.nwri-usa.org/documents/BROSTROM.pdf>

**MISCELLANEOUS**

Snow Pack Update

- Sacramento Valley Watersheds at 119% of January 1 average, 44% of April 1 average. Values reflect measurements collected before this week’s storms.
- <http://cdec.water.ca.gov/cgi-progs/snow/COURSES>

Precipitation – Northern Sierra 8-Station Index

- As of 1/6/2015 we are at 94% of the seasonal average to date, and 37% of the total water year average.
- [http://cdec.water.ca.gov/cgi-progs/products/8-Stations\\_Tab.pdf](http://cdec.water.ca.gov/cgi-progs/products/8-Stations_Tab.pdf)

State Water Project Allocations

- On December 1, 2015 an initial SWP allocation for 2016 of 10% was announced.

Mandatory Water Reduction

- Water board extends emergency conservation requirements for urban water suppliers through Oct 2016 – adjustments up to 4%.
- [http://www.waterboards.ca.gov/water\\_issues/programs/conservation\\_portal/docs/extended\\_reg\\_framework.pdf](http://www.waterboards.ca.gov/water_issues/programs/conservation_portal/docs/extended_reg_framework.pdf)

Turf and Toilet Replacement: <http://www.saveourwaterrebates.com/>

- Rebate of \$100 per toilet replacement, max 1 per household
- Up to \$2000 per household for turf replacement at \$2 per square foot
- **Funding still available on a first come first served basis.**

Water Resources Association of Yolo County  
**Technical Committee (TC) – January 7, 2016, 8:30 – 10:30 am**  
Yolo County Flood Control & WCD, 34274 State Hwy. 16, Woodland

**DRAFT**

Subsidence Monitoring

- DWR currently does not have funding to do a re-survey of the Sacramento Valley GPS network. An upper-level review of different subsidence monitoring options for the state is currently being conducted. These options include GPS surveys, InSAR, borehole extensometers, and CORs stations.
- Conaway extensometer will be equipped with telemetry to provide real-time data – estimated completion late spring 2016. Zamora extensometer may be equipped at a later date, depending on how the Conaway site works out.

Soil Agricultural Groundwater Banking Web Map:

- <http://casoilresource.lawr.ucdavis.edu/sagbi/>
- Article: <http://californiaagriculture.ucanr.edu/landingpage.cfm?article=ca.v069n02p75&fulltext=yes>

- 6. FUNDING UPDATES:** Jeanette Wrynski reported that the Yocha Dehe Community Fund awarded three applicants a total of ~\$390K over a three year period. The successful awardees were Yolo County RCD, Putah Creek Council, and the Center for Land Based Learning.
- 7. WATER LEGISLATION & REGULATORY ISSUES UPDATE:** Tim O’Halloran reported that the legislature just reconvened for 2016 and he had nothing to report at this time. As a side note, Elisa informed that Cindy Tuttle will be leaving Yolo County January 22<sup>nd</sup> for a position with the City of West Sacramento as Director of Parks and Recreation. Cindy provided many of the informational Delta updates to the WRA TC and Board.
- 8. SUSTAINABLE GROUNDWATER MANAGEMENT ACT (SGMA) PLANNING & IMPLEMENTATION:**
- a) Update on progress with Facilitated Outreach process and timeline: Tim O’Halloran introduced Dave Ceppos, Associate Director of the Center for Collaborative Policy (CCP), to update the TC on the facilitated public outreach process. Dave gave a short summary of the CCP’s work and background on how the WRA and the Yolo County Farm Bureau (YCFB) were able to take advantage of DWR’s in-kind funding program to utilize CCP’s services for SGMA implementation. Colusa and Glenn counties are also using the CCP’s facilitation services for their SGMA process. Dave explained how the WRA’s SGMA Steering Committee (formerly the Ad Hoc Committee) has been working behind the scenes to prepare for the outreach process that will identify and ultimately form a GSA for the Yolo region. The Steering Committee (SC) and Dave are having weekly planning discussions. A proposed activities outline with supporting material was distributed, (reference “*SGMA Activities Update-January 2016*” at [http://www.yolowra.org/meeting\\_technical.html](http://www.yolowra.org/meeting_technical.html)).

Dave reviewed Item #1a, *Groundwater Sustainability Agency Development*. He referred to the “90-Day Plan” in the SGMA Activities Update for the December 2015 to February 2016 time period. The Plan outlines the proposed SGMA activities for Yolo county to begin the public outreach process. He explained the 90-Day Plan tasks in detail. Both the Colusa and Glenn counties’ process are both moving in the same direction, although not necessarily at the same pace (a factor of when their DWR Work Orders were approved). For example, Colusa will be holding their kick-off public meeting next Monday. CCP staff will efficiently adapt these materials for the Yolo and Glenn meetings. A draft of Colusa’s guiding principles was provided as an example for the development of Yolo’s guiding principles. Yolo’s principles will reflect what is important to our county as discussed collectively. Dave informed that the guiding principles will provide continuity of messaging, especially when implementing a media strategy. A well-timed and placed feature article is far more effective than postcards and fliers to inform the public/stakeholders about upcoming events. The game plan in Yolo is to begin with targeted outreach rather than an initial large public meeting. This is in large part due to the existing relationships that have already been

Water Resources Association of Yolo County  
**Technical Committee (TC) – January 7, 2016, 8:30 – 10:30 am**  
Yolo County Flood Control & WCD, 34274 State Hwy. 16, Woodland

**DRAFT**

developed by the WRA and the YCFB. Working through the SC, “emissaries” will reach out to target groups to educate about SGMA and hold focused discussions. Governance options and methods will frame the next part of the discussions for the GSA formation with the proposed GSAs.

Tim O’Halloran reviewed Item #1b/c, Basin Boundary Adjustments. He discussed the draft letter proposed to be sent to Colusa, Glenn, Solano and Sacramento counties regarding basin boundary adjustment planning (reference handout SGMA Activities Update).

Tim discussed the outlined activities under Item 2, *Local Efforts and Outreach* tasks. A dedicated website is now available as a portal of information about SGMA activities in Yolo. Everyone is encouraged to sign-up on the *SGMA Email List* to receive meeting notifications and access pertinent SGMA related documents: <http://yologroundwater.org>.

Tim reviewed activities under Item 3: *Groundwater Sustainability Plan*. He explained the proposal from Stanford University to conduct geophysics research in Yolo county at no cost to the WRA (reference handout). The TC recommended moving forward with this Stanford research in 2016. Barrett Kaasa, DWR, cautioned about using comparable methods and study periods when collecting data.

Tim continued discussing the remaining activities, Item 4: *Temporary SWRCB permit for high-water divisions to enhance groundwater recharge being pursued by YCFWCD*, and 5: *Storm Water Grant Program* (which was discussed in detail by Petrea at the beginning of the meeting).

b) Basin Boundary Adjustment Process Update: Discussed under Item 8a above.

**9. WRA PROJECT FUND BUDGET:**

a) FY2015-16 Projects: Donna included the FY2015-16 Project Budget Expectations/Timeline with the agenda as a reminder of the task and invoicing schedule for projects receiving allocations. All the projects are providing information and documentation as requested. Donna thanked all the member agency and water conservation staff who assisted her with developing the graph for the WRA’s 2015 annual newsletter.

**10. MEMBER INFORMATION & FUTURE AGENDA ITEMS:** Jeanette Wrynski reported that the Westside-Sacramento IRWM Coordinating Committee received many requests for their new small grant program solicitation. About \$400,000 was requested for the \$48,000 funds available. Requests are being evaluated and will be discussed at their meeting on January 15<sup>th</sup> in Napa. A call-in number will be provided for remote attendance. Chris Lee, SCWA, informed that they will be holding facilitated SGMA public workshops for the Solano County region in mid to late February. Workshop locations proposed are Rio Vista, Dixon and Davis from 6-8 pm. All are welcome to attend. The workshops will give a general overview of the SGMA legislation. More specifics will be provided when available.

Tim Busch reported that the City of Woodland’s Recycled Water Project will go out to bid on January 21<sup>st</sup>. Jordan Power reported that the Woodland city council approved a contract with AquaHawk Alerting that is a web-based water use portal. This water conservation tool provides close to real-time water meter data for residents and businesses in Woodland along with other useful tools. Jordan was asked to give a demonstration when the software becomes available in a few months. <http://www.aquahawkalerting.com/>

Water Resources Association of Yolo County  
**Technical Committee (TC) – January 7, 2016, 8:30 – 10:30 am**  
Yolo County Flood Control & WCD, 34274 State Hwy. 16, Woodland

**DRAFT**

**11. NEXT REGULAR TC MEETING DATE:** February 4, 2016, 8:30 - 10:30 a.m., Yolo County Flood Control & Water Conservation District Board Room.

**12. ADJOURN** at 10:30 am

Respectfully submitted,

Donna L. Gentile  
Board Secretary & Administrative Coordinator