



WATER RESOURCES ASSOCIATION OF YOLO COUNTY

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Technical Committee Meeting

Thursday, November 3, 2016, 8:30 – 10:30 am

Yolo County Flood Control & Water Conservation District
34274 State Highway 16, Woodland, CA 95695

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: 10/6/16. Please comment on minutes by 11/4/16, pages 3 - 8
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 funding opportunities and updates on awarded grants.
7. **Water Legislation & Regulatory Issues Update** (Tim O'Halloran, Yolo County, NCWA)
8. **Sustainable Groundwater Management Act (SGMA) Planning and Implementation** (Tim O'Halloran/Kristin Sicke): Update SGMA Committee/Working Group activities and implementation timeline
9. **WRA Project Fund Budget:** FY2016-17 project updates as appropriate.
 - Cache Creek Invasive Weed Mapping & Prioritization, Yolo County RCD (\$10,000)–**Final Report attached separately**
 - City of Winters Hexavalent Chromium Drinking Water Compliance, SGMA Implementation (\$16,127)
 - City of Winters Storm Water Management Planning (\$15,000)
 - Huff's Corner Invasive Weed Removal & Management, Cache Creek Conservancy (\$15,500)
 - Pilot Program Conduct MFR Landscape Irrigation Audits, Cities of Woodland, Davis, West Sacramento (\$12,000)
 - Salmon-in-the-Classroom/Salmon-in-the-Bypass, Putah Creek Council (\$5,000)
 - Westside-Sacramento IRWMP, WRA cost share (\$20,000)
 - Yolo Bypass Integrated Action Project, Yolo Basin Foundation (\$5,000)
10. **Member Information & Future Agenda Items:** Committee members are invited to recommend topics for future meetings and report on current issues/activities.
 1. Discuss special meeting date for WDCWA Regional Water Treatment Facility Tour
 2. Future Agenda Items:
 - RD 108's Flow Meter Program

11. Next TC Meeting Date: Thursday, December 1, 2016, LOCATION: Yolo County Flood Control & Water Conservation District, 34274 State Highway 16, Woodland. (Note: The TC reserves the 3rd Thursday of the month for an additional meeting as needed.)

12. Adjourn

I declare under penalty of perjury that the foregoing agenda for the November 3, 2016 meeting of the Technical Committee for the Water Resources Association of Yolo County was posted by October 28, 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

**MINUTES of Technical Committee (TC) Meeting
Water Resources Association of Yolo County
October 6, 2016, 8:30 - 10:30 a.m.**

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Committee Members:

Tim O’Halloran, YCFC&WCD	Evan Jacob, California American Water
Kristin Sicke, YCFC&WCD	Dawn Calciano, City of Davis
Carol Scianna, City of Winters	Barrett Kaasa, DWR
Jeanette Wrynski, Yolo County RCD	Camille Kirk, University of CA Davis
Tim Busch, City of Woodland	Ryan Burnett, City of West Sacramento
Jordan Power, City of Woodland	Greg Meyer, City of Woodland
Donita Hendrix, Dunnigan Water District	Donna Gentile, WRA

Other Attendees:

Dave Pratt	John McKean
Seth Lawrence, DWR Northern Region Office	Jim West, DWR Northern Region Office
Mary Fahey, Colusa County	Esther Conrad, Stanford University

Member Agencies Absent:

RD 2035	Yolo County
RD 108	

1. **CALL TO ORDER** at 8:30 a.m. by Tim O’Halloran, acting TC Chair.
2. **APPROVAL AGENDA & Adding Items to Posted Agenda:** Agenda Item #8 postponed to next TC meeting. Agenda was approved with this one change.
3. **APPROVE MEETING MINUTES:** Previous meeting minutes were emailed to the TC for review with today’s agenda. Comments on the draft 9/1/16 minutes are due by 10/7/16.
4. **PUBLIC COMMENT:** No public comments.
5. **CALIFORNIA DEPT. OF WATER RESOURCES (DWR) Update:** Barrett Kaasa, DWR gave the following update and answered questions. Contact: barrett.kaasa@water.ca.gov; (916) 376-9618. Jeanette Wrynski also gave an update on the Westside IRWM’s DAC Involvement under Proposition 1.

Grant Funding Opportunities (Overview)

1. Prop 1 Planning and DAC Involvement Grant

- Final Prop 1 2016 Guidelines available online.
- IRWM Planning Grant PSP online. \$5 million available; \$250k available for IRWMP update.
Due Date: Sep 23, 2016 at 5:00pm, submitted to DWR GRanTS system.
- DAC Involvement RFP online: \$51 million available; \$3.7 million Sac Funding Area.
Sep 2016 – Jan 2017 Expect Submit, Contact DWR Financial Assistance
- Costs reimbursable after grant award date (RFP); however, will consider prior expenses.
- Public Workshops/Information Sessions have passed, presentation available online:
 - <http://www.water.ca.gov/irwm/grants/programschedule.cfm>
 - RFP Table 3 (‘Needs Assessment’ required), Example Process given in Presentation

Link: water.ca.gov/irwm/grants/prop1index.cfm

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Jeanette Wrynski also gave an update on the Westside IRWM's DAC Involvement application process. There will be one application for the entire Sacramento River Funding Area with the Environmental Justice Coalition for Water as the approved DWR applicant.

2. DWR Water Energy Grant (2016 Water-Energy Solicitation)

- \$19 million available funding; residential (DAC) and commercial water efficiency programs, projects reducing energy consumption or greenhouse gases
- Projects can include upgrading fixtures and appliances to water-saving and energy efficient ones
- \$3 million per proposal, no more than \$6 million per applicant. No mandated cost-share.
- **Due date November 7, 2016.**
- Public Workshop(s) Sept 29th and Oct 3 – Already passed.
- Workshop materials:
- http://www.water.ca.gov/waterenergygrant/docs/2016_W-E_App_Workshop_FINAL.pdf

Link: [water.ca.gov/waterenergygrant/](http://www.water.ca.gov/waterenergygrant/)

Jeanette Wrynski also gave an update on the Westside IRWM's WEG solicitation, which is focusing primarily on schools. The Local Government Commission is assisting with the application project and would be the project manager if an award is received.

3. Sustainable Groundwater Management

DWR is still working on Best Management Practices (BMP) to provide guidelines to help GSAs develop the elements of a Groundwater Sustainability Plan. They are currently ranking the BMPs in order of importance, and then they will start developing them in more detail. They may not have all the BMPs finalized by the January 1, 2017 deadline.

6. FUNDING UPDATES:

- Jeanette Wrynski reported the Yolo RCD recently received an award to work on flood safe corridors for wildlife in the Yolo Bypass. They also submitted a proposal to the Delta Conservancy to apply for an agricultural crossing improvement project. In a study commissioned by Yolo County, twenty-eight crossings were prioritized for improvement that would help move water off the Bypass. She explained what the proposed project benefits would be to agriculture in the Bypass. This is a \$1.16 million request with multiple partners and consultants will manage the actual construction. Yolo County is the applicant with the Yolo County RCD acting as the fiscal agent. This project is strongly endorsed by the agricultural community.
- Tim O'Halloran acknowledged RD 108's successful partnership to construct the Wallace Weir fish passage improvement project that is having a groundbreaking ceremony today. Jeanette noted the recent Bullock Bend Mitigation Bank dedication ceremony, another collaborative habitat restoration project near Knights Landing.
- Jordan Power, City of Woodland, informed that she will be sending out an RFP for the WRA funded Woodland-Davis-West Sacramento pilot project to conduct large landscape irrigation audits.

7. WATER LEGISLATION & REGULATORY ISSUES UPDATE: Tim O'Halloran reported the legislature is still in recess. The 30-day period for the Governor to decide whether to sign or veto legislation ended 9/30/16. A few water-related bills have been signed. He noted AB 2594 that authorizes a

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public entity to capture urban storm water run-off, in accordance with a storm water resource plan, and use the captured water to augment existing water supplies.

- 8. DISCUSSION OF LOWER ELKHORN SETBACK LEVEE “Preferred Alternative” PROJECT** – Elisa was unexpectedly unable to attend today’s TC meeting. This item will be postponed to the November 3rd TC meeting.

- 9. SUSTAINABLE GROUNDWATER MANAGEMENT ACT (SGMA) PLANNING & IMPLEMENTATION:** Tim O’Halloran reported members of the SGMA Working Group met with attorney Kevin O’Brien. He has assisted in establishing several Joint Power Authority’s (JPA) and shared his perspective on our GSA governance structure development. Tim also met with a small group of private pumpers to discuss management of the white areas in Yolo County who were very engaged in the discussions. Next Wednesday, 10/12/16, the 20+ eligible GSA entities will meet at the YCFC&WCD. The Working Group is also coordinating with the Stockholm Environment Institute (SEI) to discuss the use of their Water Evaluation and Planning System (WEAP) model to evaluate Yolo County groundwater sustainability conditions. Meredith Niles and SEI will be conducting a series of four focus groups to survey farmer’s perceptions of SGMA implementation in our county. The Stanford University research team is also participating in these discussions to incorporate the social science component to the process. Tim invited Mary Fahey to give an update on how SGMA implementation is progressing in Colusa County. Their GSA meetings and planning information can be viewed on their website: <http://www.countyofcolusa.org/index.aspx?NID=677> .

- 10. YOLO COUNTY SUBSIDENCE NETWORK MONITORING,** Jim Frame, Frame Surveying & Mapping, presented the draft report for the 2016 Yolo Subsidence Network Monitoring observation event: http://www.yolowra.org/meeting_technical.html . Jim’s introductory note was that the project came in well under the proposed budget. This was largely due to an excellent observation crew that required little supervision once trained and an over estimation of replacement modernization required. The general trend of subsidence previously observed in past monitoring is continuing. Jim reviewed the report’s Appendix A contour map that compares ellipsoid height changes from the 2008 to 2016 observation. Jim explained that the map’s blue colored areas represent the lowest points in elevation, which is still in the Yolo-Zamora area (decrease of 2 decimeters or ~7/10ths of a foot). The TC asked questions about the map and observed trends. The City of Winters noted that they did not seem to be represented adequately among the observation sites.

Tim O’Halloran asked Jim to include a narrative to provide some context and historical perspective for the data. Jim explained how changing subsidence-modeling technology over the years has made it challenging to do interpretive narratives based **on/without?** stable reference points. The 2008 and 2016 data is based on ellipsoid height change (a theoretical mathematical surface) that should provide more consistent data to compare. Drought conditions over the past several years also factor into the contextual changes in subsidence. Tim explained how the subsidence report and education about subsidence conditions is tied-in to SGMA Groundwater Sustainability Plan development. Jim Frame’s final report will include a summary of recommendations, observations or problems encountered during the survey. The final report will be posted on the WRA’s website.

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Barrett informed that DWR is planning to re-observe subsidence in the Sacramento Valley in 2017. Seth Lawrence and Jim West, from DWR's Red Bluff office, will be the project manager and technical manager respectively. They provided some additional details about the project. DWR will be looking for assistance from the local agencies to provide volunteer observation staff similar to what Yolo did this year. They are planning to match the 2008 survey grid and technology standards. Jim West offered a few detailed aspects of the technical surveying methods. Many northern counties have expressed strong support to DWR to conduct this re-observation. An official announcement should be forthcoming soon with a kick-off meeting possibly by the end of October.

Esther Conrad summarized Stanford University's research study, lead by Jesse Crews, to analyze their InSAR data to see how well it matches up with Yolo's previous ground based subsidence data surveys. They will also determine InSAR's usefulness as a tool for future observations. Jesse anticipates their research results will be available to present to the WRA TC by January 2017.

11. WRA PROJECT FUND BUDGET:

- a. Fiscal Year 2015-16 Project: Donna circulated a copy of two final project reports for viewing prepared by the Davis-Woodland Schools & Parks Water Conservation Project Plan and the Cache Creek Conservancy's Wacky Wilderness Days, Watershed Education Project. Both reports are available in color on the WRA's website, <http://www.yolowra.org/projects.html>.

Jeanette gave an update on their FY2016-17 Cache Creek invasive weed mapping and prioritization project. The project was completed earlier than anticipated. She is reviewing the draft report now, which should be available by the next TC meeting. She hopes that the final report helps them to secure implementation funding. Donna referenced a complete list of FY16-17 projects on page 7 of the agenda.

12. MEMBER INFORMATION & FUTURE AGENDA ITEMS – The cities of Winters, Woodland, West Sacramento, Dunnigan Water District, California American Water, City of Davis, UC Davis and the YCFC&WCD gave brief updates on current activities. Donna noted that Bryan Busch has left RD108 and is now with RD2068. A TC representative for RD108 will be determined when someone is available.

Future Agenda Items:

- RD 108's Flow Meter Program

13. NEXT REGULAR TC MEETING DATE: October 6, 2016, 8:30 – 10:30 a.m., **TENTATIVE LOCATION:** Woodland Davis Clean Water Agency Regional Water Treatment Facility, 855 County Road 102, Woodland, CA 95776.

14. ADJOURN at 10:15 a.m.

Respectfully submitted,

Donna L. Gentile
Board Secretary & Administrative Coordinator