

**MINUTES of Technical Committee (TC) Meeting
Water Resources Association of Yolo County
August 4, 2016, 8:30 - 10:30 a.m.**

Committee Members:

Tim O’Halloran, YCFC&WCD, Acting TC Chair
Max Stevenson, YCFC&WCD
Carol Scianna, City of Winters
Bryan Busch, Reclamation District 108
Ryan Burnett, City of West Sacramento
Donna Gentile, WRA

Jeanette Wrysinski, Yolo County RCD
Kristin Sicke, YCFC&WCD
Evan Jacobs, California American Water
Jordan Power, City of Woodland
Dawn Calciano, City of Davis

Other Attendees:

Esther Conrad, Stanford University
Emma Middlemiss, Yolo County

Dave Pratt
Steve Knightley, Esparto Community Serv. Dist.

Member Agencies Absent:

RD 2035
Yolo County

Dunnigan Water District
University of CA Davis

1. **CALL TO ORDER** at 8:30 a.m. by Tim O’Halloran.
2. **APPROVAL AGENDA & Adding Items to Posted Agenda:** Agenda was approved as presented
3. **APPROVE MEETING MINUTES:** Previous meeting minutes were emailed to the TC for review with today’s agenda. Comments on the draft 7/7/16 minutes are due by 8/5/16.
4. **PUBLIC COMMENT:** No public comments.
5. **CALIFORNIA DEPT. OF WATER RESOURCES (DWR) Update:** A DWR representative was unable to attend. The update below was emailed to the WRA after the TC meeting. It was prepared by Brad Arnold Bradly.Arnold@water.ca.gov for the Westside IRWMP coordinating committee.

Grant Funding Opportunities (Overview)	
1.	<p>Prop 1 Planning and DAC Involvement Grant</p> <ul style="list-style-type: none"> - Draft Prop 1 2016 Guidelines available online. - Draft IRWM Planning Grant PSP online. \$5 million available; update IRWMP standards. - Draft DAC Involvement RFP online: \$51 million available; DAC involvement in IRWM efforts. SF Bay Area (\$6.5 mil), Sacramento River (\$3.7 mil) – <i>one app per funding region</i>. - Finalized documents in coming weeks. <p>Link: water.ca.gov/irwm/grants/prop1index.cfm</p>
2.	<p>CalConserve Water Use Efficiency Revolving Fund 2015 Loan Program (Prop 1)</p> <ul style="list-style-type: none"> - \$10 million available funding; water efficiency upgrades, low-interest financing repair/replace water infrastructure (conservation-based) – <i>verify requirements!</i> - <i>Due date August 31, 2016 at 5:00pm.</i> - Public Workshop: Sacramento, Friday, July 15, 2016. 10:00am – 12:00pm (WebEx/901 P St.) <p>Link: water.ca.gov/wuegrants/CalConserve.cfm</p>
3.	<p>DWR Water Energy Grant</p> <ul style="list-style-type: none"> - \$19 million available funding; residential (DAC) and commercial water efficiency programs, projects reducing energy consumption or greenhouse gases – <i>verify Eligibility Requirements!</i> - \$3 million per proposal, no more than \$6 million per applicant. No mandated cost-share.

**MINUTES of Technical Committee (TC) Meeting
Water Resources Association of Yolo County
August 4, 2016, 8:30 - 10:30 a.m.**

<ul style="list-style-type: none"> - <i>Due date expected November, 2016.</i> Public Workshop(s) expected October, 2016. - Revised Draft Guidelines and PSP Released online. <p>Link: water.ca.gov/waterenergygrant/</p>
<p>4. SWRCB Prop 1 Funding</p> <ul style="list-style-type: none"> - \$800 million available funding; contaminated groundwater for drinking supplies. - Recommended Funding List released (YCFCWCD Funded SW Planning Grant Program). <p>Link: waterboards.ca.gov/water_issues/programs/grants_loans/swgp/prop1/</p>

Sustainable Groundwater Management
<p>1. June 2016 Progress Report</p> <ul style="list-style-type: none"> - Report Released on Sustainable Groundwater Management website. - Key Accomplishments for Objectives (e.g., Updated List of Critically Overdrafted Basins, Established Basin Prioritization, Regulations for GSPs, Web-based Mapping Tools). <p>Link: water.ca.gov/groundwater/sgm/pdfs/2015_SGMP_Progress_Report.pdf</p>
<p>2. Basin Boundary Modifications</p> <ul style="list-style-type: none"> - Draft Approved Modifications (Map/List) Released - Public Meeting, North-Central Region: West Sac, Friday, July 15, 2016. 3:00 pm (NCRO) <p>Link: water.ca.gov/groundwater/sgm/basin_boundaries.cfm</p>
<p>3. Proposition 1 Funding (Stressed Basins Grant Solicitation)</p> <ul style="list-style-type: none"> - \$100 million for sustainable groundwater management program. - DWR awarded approximately \$6.7 million to 21 proposals. <p>Expected 'Alternative Plans' not to be funded by the Prop 1 GW funding (timeline end of year).</p> <p>Link: water.ca.gov/irwm/grants/sgwp/solicitation.cfm</p>
Statewide Conditions/Miscellaneous (Time Permitting)
<p>1. US Drought Monitor – mixed 'Moderate Drought' (D1) and 'Severe Drought' (D2).</p>
<p>2. California 2015 Turf Replacement Initiative (Rebates Program) Reminder</p> <p>Link: water.ca.gov/turf</p>

6. FUNDING UPDATES:

- Jeanette Wrynski updates a grant funding opportunities spreadsheet monthly for the Westside IRWM website: <http://www.westsideirwm.com/funding.html>.
- Bryan Busch reported that RD108 applied for both federal and state water use efficiency grants. They received a \$750,000 federal grant for a \$2 million Scada automation update project and they are waiting to hear the results of the state award.
- Steve Knightley reported that the ECSD applied for a grant to install a new production well to meet their demands. They hope it will test below the MCL for Chromium 6 allowing them to blend that water with the wells that are reporting over the MCL. They have not received an award, but are still on the application list.
- Evan Jacobs reported that Cal American Water also applied for a Chromium 6 compliance grant for Dunnigan.
- City of Winters received a rejection letter for their Prop 1 Groundwater Sustainability Program application.
- Jordan reported that the City of Woodland's water supply is now within Chromium 6 compliance limits now that the WDCWA water supply is 80% surface water and 20% groundwater. Tim O'Halloran expressed interest in a presentation from the City about the underground water supply (surface water and groundwater mix) with the advent of the Surface Water and ASR

**MINUTES of Technical Committee (TC) Meeting
Water Resources Association of Yolo County
August 4, 2016, 8:30 - 10:30 a.m.**

projects. Tim commented on the recent WDCWA treatment facility's dedication ceremony that really highlighted the many years of collaboration it took to successfully execute this project.

7. **WATER REGULATORY & LEGISLATION ISSUES UPDATE:** Tim O'Halloran reported that the legislature is just coming back from recess. Senator Wolk's SB 1317 bill was unsuccessful in moving forward and may resurface in another form later on. Evan Jacobs informed that the state is convening an urban water user advisory group beginning August 15th to discuss urban water conservation regulations. There are several participating agencies representing local interests, such as the Regional Water Authority and California American Water. Tim informed there is also an agricultural water conservation component.

8. **SUSTAINABLE GROUNDWATER MANAGEMENT ACT (SGMA) PLANNING & IMPLEMENTATION:**

- a. Update SGMA Committee/Working Group activities and implementation timeline: Tim O'Halloran reported that they are well into the implementation phase. Last week the Yolo County eligible GSA entities met to discuss the development of a Groundwater Sustainability Agency (GSA). There is general agreement on coordinating functions of the GSA and the WRA. The GSA will be a regulatory agency and the WRA's is not. The WRA's broad function is shepherding the Yolo County IRWMP and its projects. It is envisioned that the GSA will be the umbrella organization. Some agencies may be members of the GSA and not the WRA and visa versa. The SGMA Committee working group discussions focused on how the management areas will relate to the Yolo GSA. How the GSA deals with non-performing management areas or whether the State will or wants to be involved in this regulatory process will need to be discussed further. The process to determine which of the 33 eligible entities want to be part of the Yolo GSA is still being discussed. Max summarized the SWRCB's competing groundwater quality regulating programs through the CV-Salts program and Irrigated Lands Regulatory Program. In addition, SGMA's sustainability component will also have regulatory oversight over the same nitrate and salt issues. Hopefully, all the programs will take this opportunity to gain efficiency by improving coordination among the three programs.

9. **WRA PROJECT FUND BUDGET:**

- a. FY2016-17 Projects: Donna gave a brief update on the status of FY2016-17 projects. The WRA Board adopted a FY16-17 budget at the 6/20/16 meeting that includes the TC's project budget recommendations. Donna has prepared all the project agreements that include a detailed scope, schedule and budget. The agreements are dated July 1st and will be executed this month.

She also gave an update on the 2016 Subsidence Network Monitoring project. Jim Frame is analyzing the data collected and will present a final report in September. Once she has received all invoices for work completed, she will collect the cost share from participating agencies. He will present a draft report to the TC for review before finalizing.

Additional SGMA contributions were allocated and approved by Yolo County and the YFCF&WCD Boards for FY16-17. Dawn Calciano also reported that she will provide final invoices in August for the cities' FY15-16 schools and parks water conservation concept project. She provided a draft report for review.

10. **WATER CONSERVATION UPDATE and CUSTOMER WEB PORTALS:**

MINUTES of Technical Committee (TC) Meeting
Water Resources Association of Yolo County
August 4, 2016, 8:30 - 10:30 a.m.

- a. City of Woodland Presentation AquaHawk Alerting: Jordan Power gave an online demonstration of the City's new water use portal, AquaHawk Alerting. They currently have after over 800 users registered since the program went live in July with an increase of about 20 new users signing up per day. She distributed a "screen shot" handout illustrating what a user sees when they log-in to their account. The goal is to provide residents and businesses a user-friendly tool to better understand and manage their water use. Water customers can view their real-time water usage to help achieve their water conservation goals. The program also allows the City to provide more timely water alerts to accounts that are demonstrating large water use or potential leaks. Each water user can set their own parameters and threshold values to receive a water alert based on gallons, cubic feet or total monetary cost per billing period. The user can choose their water alert to be delivered via phone, text message, email or mail. A user can choose and change how they want to view their data – hourly, daily, monthly up to 365 days of usage. This information can also be exported. If you hover over a bar on the graph, it will show the date, water usage (gallons or cubic feet), *average* outdoor temperature and rainfall for that day. Another graph below details matches actual temperatures and rainfall data by date. Jordan also demonstrated how the City uses the program internally. She can review data reported from the City's 15,000+ meters. Daily alerts are prioritized by the severity as set by the City's thresholds to identify critical usage, potential leaks or meter problems. The AquaHawk Alerting program has been a very beneficial water conservation program for the City to date and is very customizable. The program uses AMI meters that report hourly water use every 4 hours. The data is uploaded to AquaHawk within about 2-3 hours of reporting. The customer can see their actual water use within a 6-8 hour lag time. The City has received mostly positive feedback from customers, but they are still learning how to use the program. The TC would like hear another update in 6 months when program usage is more established.
- b. City of Davis Update WaterSmart program: Dawn Calciano gave an update on the City of Davis' water use portal. The City currently uses the WaterSmart Water Insight Program as a customer and agency water use portal. The current portal shows monthly data, which is one month delayed because it is uploaded after the billing cycle. Davis is currently in the process of selecting a contractor for city-wide water meter replacement (~16,000+) that includes installation of AMI and a water use portal program. This project has a 20-year contract period for the entire job, so the software selected will be in place for many years. The City's meters are at the end of their useful life, originally installed in 1995. The new AMI meter installation will allow hourly data reporting and upgraded customer water use portal. Currently the water use portal is only for residential use not business/commercial. The City has a Water Insight video on the website to explain how to use the program (<http://cityofdavis.org/city-hall/public-works/water/track-your-water-use>). Dawn showed screen shots of the Insight portal for agency use and when customers log-in. The agency can view consumption and portal analytic data. The customer can track their own usage, how it compares to similar size households and view tips for further water conservation. About 1/3 of the 16,000 water accounts are registered in the Water Insight program. The program has been available about 7 years. The meter replacement program is anticipated to start in late fall and be completed by the end of 2017. Dawn was asked what some of the differences are between the three water use portal programs under consideration. The proposed contractors will be subcontracting out the water portal use component, so it depends on what complete package is recommended to city council this fall. There are many other factors being considered by several city departments

MINUTES of Technical Committee (TC) Meeting
Water Resources Association of Yolo County
August 4, 2016, 8:30 - 10:30 a.m.

that go beyond water conservation. Dawn also informed that the City collaborated with the Davis School District and school science teachers to create an online water conservation game (www.savedaviswater.org).

11. **MEMBER INFORMATION & FUTURE AGENDA ITEMS** – California American Water, City of Woodland, City of West Sacramento, RD 108, YCFC&WCD and the City of Winters gave brief updates on current activities.

Future Agenda Items:

- Brownfield EPA Grant Update, S. McCord (Sept 2016)
- Storm Water Planning Grant project update, Kennedy/Jenks (Sept 2016)
- RD 108's Flow Meter Program

12. **NEXT REGULAR TC MEETING DATE:** September 1, 2016, 8:30 – 10:30 a.m., POST MEETING NOTE: The September Technical Committee meeting will be held at the YCFC&WCD's Board Room. The October meeting will be held at the WDCWA regional water treatment facility with a tour of the facility.

13. **ADJOURN** at 10:30 a.m.

Respectfully submitted,



Donna L. Gentile
Board Secretary & Administrative Coordinator