



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 **Email:** info@yolowra.org

Technical Committee Meeting

Thursday, November 5, 2015, 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: 10/1/15. Please comment by 11/6/15, pages 2 – 7
4. **Public Comment:** The public may address the Committee relating to matters within the WRA's jurisdiction.
5. **DWR Update:** (Kristin Honeycutt, DWR) - Update on topics of interest to the Technical Committee
6. **Funding Updates:** Discuss available funding opportunities and updates on awarded grants.
7. **Water Legislation & Regulatory Issues Update** (Tim O'Halloran, Yolo County, NCWA)
8. **SGMA Planning and Implementation** (Tim O'Halloran/Elisa Sabatini)
 - a) Update on progress with Facilitated Outreach process and timeline
9. **WRA Project Fund Budget:**
 - a) Status on FY2015-16 Projects: Agreements with scope of work, schedule, & budgets are being finalized.
 - b) Status on Subsidence Network Monitoring Project for FY15-16: Draft contract and timeline with Jim Frame Surveying in progress.
10. **Presentation on City of Woodland's Aquifer Storage & Recovery (ASR) Project** (Tim Busch, City of Woodland)
11. **Presentation on Water Evaluation & Planning System (WEAP) Model** (David Purkey, Stockholm Environment Institute)
12. **Member Information & Future Agenda Items:** Committee members are invited to recommend topics or future meetings and report on current issues/events.
13. **Next TC Meeting Date: Thursday, December 3, 2015**, YCFC&WCD Board Room, 34274 State Highway 16, Woodland. (Note: The TC reserves the 3rd Thursday of the month for an additional meeting as needed.)
14. **Adjourn**

I declare under penalty of perjury that the foregoing agenda for the November 5, 2015 meeting of the Technical Committee for the Water Resources Association of Yolo County was posted by October 30, 2015 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) – October 1, 2015, 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 | Dawn Calciano, City of Davis |
| Max Stevenson, YCFC&WCD | Nancy Ullrey, Cache Creek Conservancy |
| Kristin Honeycutt, CA DWR | Hong Lin, CA DWR |
| Ryan Burnett, City of West Sacramento | Tim Busch, City of Woodland |
| Bryan Busch, RD 108 | Stephen McCord, MEI |
| Donna Gentile, WRA | |

Other Attendees:

| | |
|-----------------------------------|---|
| John McKean | Casey Liebler, Yolo County |
| Dave Pratt | Esther Conrad, Stanford Water in the West |
| Monique Day, West Yost Associates | Atley Keller, MEI |
| Jordan Power, City of Woodland | |

Member Agencies Absent:

| | |
|---------------------|-------------------------|
| UC Davis RD 2035 | Dunnigan Water District |
|---------------------|-------------------------|

- 1. CALL TO ORDER & Introductions** at 8:30 am by Elisa Sabatini.
- 2. APPROVAL AGENDA & Adding Items to Posted Agenda:** Agenda 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 9/3/15 minutes are due by 10/2/15.
- 4. PUBLIC COMMENT:** John McKean commented on recent news about a new water bond proposal that California environmentalists are planning to file as discussed by Jerry Meral who is now representing water issues for the Natural Heritage Institute.
- 5. CALIFORNIA DEPT. OF WATER RESOURCES (DWR) Update:** Kristin Honeycutt, DWR, gave updates on the following items.
 - Integrated Regional Water Management**
 - Implementation Grants**
 - ✓ Announce draft Prop.84 Round 2 funding recommendations for Public Review and Comment – early Nov. and final awards by middle Dec.
 - EDA Mapping Tool** (<http://gis.water.ca.gov/app/edas>)
 - ✓ Map includes municipality population, density, unemployment rate layers
 - ✓ Applies to Prop 1 Grant Program
 - ✓ EDA (CWC 79702) = municipality (inc. or uninc. Areas with entities that provide public services) with <20,000 people, a rural county, or a reasonably isolated and divisible segment of a larger municipality where the segment is <20,000 people
 - ✓ Annual MHI <85% statewide MHI
 - ✓ With one of the following conditions determined by DWR: 1) financial hardship, 2) unemployment rate at least 2 percent > statewide avg (7.5% 2014), 3) low pop density (100 ppl/sq. mi.)
 - ✓ Next is public release of final instructions and mapping tool

Water Resources Association of Yolo County
Technical Committee (TC) – October 1, 2015, 8:30 – 10:30 am
Yolo County Flood Control & WCD, 34274 State Hwy. 16, Woodland

DRAFT

- **Proposition 1 Funding (\$37/\$510M)**
 - ✓ Public scoping workshop September 18 – presentation from meeting: http://www.water.ca.gov/irwm/grants/docs/P1Index/Proposition1IRWMGrantProgramPublicScopingMeeting_Final.pdf
 - ✓ December 2015 – release for public review and comment
 - Draft IRWM Program Guidelines
 - Draft Planning Grant PSP
 - Draft DAC Involvement RFP
 - Draft DAC Project PSP
 - ✓ February 2016 – Public meetings
 - ✓ March 2016 – Issue final documents; commence Planning Grant and DAC involvement solicitations
 - ✓ New Legislation related to IRWM:
 - [SB 985](#): Stormwater Resources Plan incorporated into IRWMP
 - [AB 1249](#): Address areas of nitrate, arsenic, perchlorate, or hex. chrom.
 - [SB 208](#): Advance payment for certain projects (pending Governor’s approval)

Sustainable Groundwater Management Program

- **Sustainable Groundwater Planning Grant Program** – Public Comment Meetings (Friday in Santa Rosa: [presentation](#)) for the [Draft GL for SGP Grant Program](#) (\$100M available overall) and [Draft PSP for Counties with Stressed Basins](#) solicitation funded by Proposition 1
 - ✓ \$10M available for Counties that are CASGEM compliant and considered Critically-Over-drafted basins
 - ✓ Final GL/PSP out late October and solicitation opens late October
 - ✓ Workshop in November and solicitation closes late November
 - ✓ Draft Funding Recommendations: Jan. 2016
- **Draft Basin Boundary Emergency Regulations** – Informational update on basin boundary emergency regulations presented to the CWC Sept 16
 - ✓ Basin Boundary Regulations website: http://www.water.ca.gov/groundwater/sgm/basin_boundaries.cfm
- **Draft List of Basins in Critical Overdraft** (21 basins and subbasins) – Public comment period closed Sept 25 – Finalized list posted October
- DWR working through SB 13 amendments to SGMA for the formation of **Groundwater Sustainability Agencies**
 - ✓ DWR’s GSA website: <http://www.water.ca.gov/groundwater/sgm/gsa.cfm>
- **GSP Regulations** meeting webcast posted: adaptive management, data collection, water budgets, and state agency coordination (Batch 3)
 - ✓ GSP Batch Information Meeting and Webcast materials: <http://www.water.ca.gov/groundwater/sgm/gsp.cfm#Phase1>
- **Facilitation support services** available for local public agencies working to meet requirements of SGMA; majority of available support is reserved for forming GSAs and developing GSPs; priority given to newly forming groups and groups that have not received financial support in the past

FLOOD

- **Preseason Flood Coordination Meetings** Schedules – County OES in partnership with State-Fed Flood Ops Center – provide regional and local updates on annual preparedness activities
 - Oct 15 – Sutter (Yuba City)
 - Oct 22 – Sacramento (Rancho Cordova)

Water Resources Association of Yolo County
Technical Committee (TC) – October 1, 2015, 8:30 – 10:30 am
Yolo County Flood Control & WCD, 34274 State Hwy. 16, Woodland

DRAFT

MISCELLANEOUS

- **SWRCB scheduled informational meetings to discussion implementation of SGMA:** Oct 27 Sacramento and webcast: technical sessions (1-4) and public forums (6-8): http://www.swrcb.ca.gov/water_issues/programs/gmp/docs/sgma/sgma_mtgs_oct15_notice_rev.pdf

6. FUNDING UPDATES:

- Max Stevenson reported on the Westside grants for Prop. 84 Water Use Efficiency which is near completion and Prop. 84 IRWMP Emergency Drought Funding (\$7M) projects for Yolo and Lake counties are just getting started.
- Tim Busch reported the City of Woodland was awarded a \$5M grant for DWR's Urban Flood Risk Reduction Program for feasibility study and design of Lower Cache Creek flood project through the Central Valley Flood Protection Board. The scope will be finalized in the next few weeks. There will also be a separate study done with the State and City independent of the Federal study which could provide a faster path to the solution and will take into consideration the work that was previously done. The Rail Relocation Project does tie into the local study but not the Federal.
- Stephen McCord reported the Westside's EPA Brownfield Coalition Assessment grant should be starting soon. Tuleyome's grant to clean up the Corona & Twin Peaks mines should start soon. This 3 year, \$2M grant is through CA Fish & Wildlife. He mentioned that Rich Marovich, Lower Putah Creek Coordinating Committee, submitted a proposal for a Prop.1 planning grant (~\$700K) for Putah Creek restoration through CA Fish & Wildlife.
- Elisa mentioned the Cache Creek Area Plan TAC is working with Mark Thompkins to assemble a comprehensive suite of projects on Cache Creek for the next round of Prop. 1 funding.
- Monique Day mentioned Woodland Davis Clean Water Agency applied for a CA Fish & Wildlife watershed restoration grant for \$8.1M and also applied for a \$2M Delta Conservancy grant for RD 2035's Joint Intake project construction.
- Bryan Busch mentioned RD108's Knights Landing Ridge Drainage Ditch Levee Repair project (groundbreaking was on 9/2). It is a \$7.5M project to repair 3.4 miles of levee on the east bank of the Knights Landing Ridge Cut. They also began a project under the EcoRestore Program for Knights Landing outfall gates and installation of a fish barrier. Other related projects are under discussion for possible management by RD108 at nearby locations. RD 108 also applied for Prop. 1 funding for a transitory storage project to store water on rice fields during winter time excess flows and return water to the Delta when needed.

Kristin reminded that projects are ranked more favorably by DWR if they are part of the Westside-Sacramento IRWMP. Any new projects should consider submitting a proposal to the Westside for inclusion. Donna will email to the TC information for adding projects to the Westside IRWMP as part of their open enrollment process. She will send the Project Information Form and relevant information from the IRWMP regarding goals and objectives (Sec. 6), project selection and prioritization (Sec. 8).

- 7. EMERGENCY WATERSHED PROTECTION PROGRAM:** Elisa explained that Yolo County was contacted by NRCS Woodland office about emergency funding for protection against erosion, mudslides etc. after a significant fire event. This funding is only available for private landowners with a local agency sponsor. Elisa informed that there is not very much privately owned land on the Cache Creek side. Therefore, the County is working with the Bureau of Land Management who is putting together a 3-year plan for restoration to ensure minimum impacts as a result of the fires. Elisa and Tim are concerned about large fire-related debris this

Water Resources Association of Yolo County
Technical Committee (TC) – October 1, 2015, 8:30 – 10:30 am
Yolo County Flood Control & WCD, 34274 State Hwy. 16, Woodland

DRAFT

winter that may cause a variety of damage to the creek, bridges and the dam. She hopes to have an update by the next TC meeting. Stephen McCord mentioned Napa County's Measure A that is supposed to have funding available to provide watershed protection for fire-related hazards. This funding might be available to assist the area above Lake Berryessa.

- 8. WATER LEGISLATION & REGULATORY ISSUES UPDATE:** Tim O'Halloran had nothing additional to report while the legislature is out on recess.
- 9. WATER MANAGEMENT PLANS BY WATER AGENCIES IN YOLO COUNTY:** Stephen McCord and Atley Keller, MEI. Stephen took the initiative to update and expand a table originally developed by Max on local agency water planning documents. He utilized the help of his intern Atley to further research information for the table. The table included in the TC agenda is the "master table", but Stephen also distributed two other worksheets that provide additional details to decipher the master table. All of these worksheets are works in progress and are not yet complete. Atley explained where she found the information to fill-in these worksheets; internet searches, phone calls etc. The master table includes a link to the identified plans when available. There are 25 different types of plans identified by an enumerated "a" to "z" list. Some of these plans are a legal requirement for local agencies. An agency contact list was circulated and updates were requested. The TC discussed the plans listed and any possibly omitted. The TC gave feedback on ways to clarify the way the information was represented on the master table. Tim suggested that Deseret Farms and River Garden Farms be removed from the list because they are private entities. If anyone has additional information to contribute, please send an email to Atley: akeller@mccenv.com

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

- a) Facilitation Process Update: Tim reported that the WRA Board took action at their September meeting to approve the facilitation agreement between the WRA and DWR/Center for Collaborative Policy (CCP). The Board also approved the appointment of an ad hoc committee to develop and approve the final scope of work for the CCP. The scope of work should be finalized in the next several weeks and then the public outreach process will begin.

Tim gave an overview of the local basin boundary adjustment discussions and application process for adjustments. There will be a 90 day window to request basin boundary modifications after DWR finalizes the draft regulations by 12/31/15. Elisa and Tim attended a Solano SGMA meeting earlier this week. One item on their agenda was to proceed with their request for a basin boundary adjustments. They received more push back from their governing body than they anticipated.

Tim introduced Esther Conrad from Stanford University's Water in the West program who will be observing and researching our local Groundwater Sustainability Agency (GSA) formation process. Stanford's programs integrate research in law, policy, geophysics, engineering and economics to identify and develop solutions to inform more effective groundwater management and policy. She explained they are studying how the technical aspects are supporting the GSA development process and what value the technical information adds to developing a common understanding of groundwater basin conditions as the process evolves. These Programs will be researching SGMA efforts and working with groundwater managers statewide to assist with technical tools and other aspects of groundwater management. For more information about the programs go to: <http://waterinthewest.stanford.edu/>.

Water Resources Association of Yolo County
Technical Committee (TC) – October 1, 2015, 8:30 – 10:30 am
Yolo County Flood Control & WCD, 34274 State Hwy. 16, Woodland

DRAFT

- b) Review and Discussion of DWR Discussion Topic Papers #1 and #2: Hong Lin, DWR, gave a presentation on the first two topic papers. The SGMA acknowledges that groundwater management is best accomplished locally in California. Hong summarized the statistics on high, medium and low priority basins based on basin prioritization by CASGEM (California Statewide Groundwater Elevation Monitoring). SGMA requires Groundwater Sustainability Plans (GSP) for the 127 high and medium priority basins. SGMA authorizes local agencies to manage their basin via a GSA and defines a time frame for accomplishing goals. If a GSA is not designated for a basin, then the State will be the “backstop” for management. Hong reviewed milestones reached for the SGMA process. SB 13 is an approved amendment that streamlines certain SGMA procedures and clarifies ambiguities in the legislation language. It restricts the formation of a GSA for overlapping service areas until the conflict is either withdrawn or modified to eliminate the overlap.

Hong reviewed the general framework for the basin boundary regulations process. The process is in the third phase of implementation that will culminate in the adoption of emergency regulations by 12/31/15. Beginning in January, DWR opens the 90-day window to accept basin boundary modification requests. Concurrently, the GSP or Alternative Plan regulations process is proceeding through its implementation phases, which is currently in Phase 2 - discussion topics public workshops. Hong gave a short overview of each of the GSP components and issue topics in the “wheel of sustainability”. Today, Hong will review Topics 1 and 2. All GSP discussion/topic papers are posted on DWR’s website: http://www.water.ca.gov/groundwater/sgm/discussion_papers.cfm.

Topic 1: Pre-SGMA Conditions and Undesirable Results

The regulations state that a GSP is not required to address undesirable results that occurred before and have not been corrected by 1/1/15, but they need to be fully defined in the GSP and include actions that will manage undesirable results above significant and unreasonable levels by 2040 or 2042. Hong described pre-SGMA conditions with three sample graphs illustrating different starting groundwater level conditions and potential paths to sustainability goal scenarios. Undesirable results are a *significant and unreasonable* reduction of groundwater storage, groundwater levels, seawater intrusion, degraded water quality, land subsidence and depletions of surface water. Hong presented some questions and secondary considerations to assist a GSA to further define “significant and unreasonable” for the six conditions stated above. “Significant and unreasonable” should largely be based on site specific considerations and defined/developed at the local level. Hong explained the benefit of developing a state minimum standard, but a framework needs to be established for each undesirable result. This Topic paper includes information for the public workshop discussions to consider the issues of concern.

Topic 2: Measurable Objectives and Interim Milestones

Hong reviewed that the regulations state the GSP shall include measurable objectives and interim milestones in increments of five years to achieve the sustainability goal in the basin within 20 years of the implementation of the plan. The plan should include a description of how each objective is met and how the objective intends to achieve the sustainability goal for long-term beneficial uses of groundwater. Hong presented a map of the Sacramento River hydrologic region showing all the existing Groundwater Management Plans. A short list compared the existing Basin Management Objective requirements to the new GSP Measurable Objective requirements. She further discussed possible paths to sustainability that a GSA could use by employing implementable actions to achieve interim milestones every 5 years. Measurable objectives and interim milestones are necessary to reduce uncertainty and achieve or maintain basin sustainability. Hong presented a few questions that could further an understanding of

Water Resources Association of Yolo County
Technical Committee (TC) – October 1, 2015, 8:30 – 10:30 am
Yolo County Flood Control & WCD, 34274 State Hwy. 16, Woodland

DRAFT

measurable objectives for GSAs and basin managers. The PPT of her presentation is available here: http://www.yolowra.org/meeting_technical.html. Hong answered questions and received comments.

Elisa and Tim thanked Hong for her informative presentation. The TC will continue to review pertinent topics related to SGMA as appropriate. A separate outreach process as described in the Facilitation Process Update above will start soon.

11. WRA PROJECT FUND BUDGET:

- a) Update on FY2015-16 Projects: Donna reported that the process of preparing agreements including supporting scope of work and budget has been initiated with all lead agencies receiving allocations.
- b) Update on Subsidence Network Monitoring Project for FY15-16: Tim O'Halloran informed that we are moving forward with setting up the subsidence event for this fiscal year. We should have a draft contract and timeline available at the next TC meeting.

12. MEMBER INFORMATION: Woodland, Winters and Yolo County gave short updates on activities.

FUTURE AGENDA ITEMS: Tim O'Halloran asked Tim Busch to give a presentation on Woodland's Aquifer Storage & Recovery (ASR) project to the TC and the WRA Board in November. Tim O'Halloran will also give an update on the WEAP (Water Evaluation and Planning System) model at the November meeting.

13. NEXT REGULAR TC MEETING DATE: November 5, 2015, 8:30 - 10:30 a.m., Yolo County Flood Control & Water Conservation District Board Room.

14. ADJOURN at 10:45 am

Respectfully submitted,

Donna L. Gentile
Board Secretary & Administrative Coordinator