

BACWA Recycled Water Committee Meeting Notes
EBMUD Headquarters – 2nd Floor Small Training Conference Room
July 17, 2018
10:30 a.m. – 12:30 p.m.

1. Introductions – Olson

Stefanie Olson - DSRSD
Leah Walker – City of Petaluma
Rhodora Biagtan - DSRSD
Reena Thomas - EBMUD
Linda Hu - EBMUD
Sarah Rhodes – W&C
William Burrell – Regional Water Board
Eric Rosenblum - Envirosppectives
Paul Gilbert Snyder – EBMUD
Daniel Larsen – City of Redwood City
Daniel Patten – City of Palo Alto
S Mulyono City of Redwood City
Lorien Fono - BACWA
On phone
Anita Jain – West Yost
Cheryl Munoz - SFPUC
Jayne Strommer – Delta Diablo
Eric Hansen - SVCW
Medi Sinaki – SCVWD
Nick Steiner, Delta Diablo
Courtney Rubin - Hyroscience
Aparna Chatterjee – City of Hayward

2. Recycled Water Policy Revision Update – Olson/Fono

- a. [Proposed Amendment to the Recycled Water Policy](#)
See [BACWA Comment Letter on Proposed Recycled Water Policy Amendment](#). BACWA provided both oral testimony at the June 19 hearing, as well as written comments on the Proposed Amendment. The Water Board and their staff gave feedback on the various issues that the recycled water community raised:
- Goal to minimize effluent discharges to ocean and enclosed bays – The State Water Board is open to reframing this goal in another section of the Policy.
 - Transitioning from 96-011 to the State Water Order – BACWA is concerned about loss of coverage, and would like a blanket transition to the State General Order, but the Water Board chair is concerned about “old” engineering reports.
 - Wastewater Change Petitions – BACWA is concerned that the requirement for another application will further impede projects, but State Water Board thinks the problem is agencies aren’t submitting Wastewater Change Petitions early enough in the process.
 - Reporting – BACWA thanked the State Water Board for removing priority pollutant monitoring requirements.
 - SNMPs – BACWA recommended that SNMPs should be housed under SGMA, but the Water Board Chair doesn’t agree.
- CASA and WateReuse will meet with State Water Board staff this summer to continue to make headway on resolving these issues.

- b. [*Summary of SNMP completion by region*](#)
The committee viewed the [USGS, DWR interactive map, CA Groundwater Basins SNMPS status.](#)
- c. *General Order 2016*
The committee discussed whether new satellite recycled water facilities would need a WDR for production at the satellite facility? BACWA will discuss this further with Regional Water Board management staff.

3. Funding Opportunities –

- a. Federal (Strommer)
 - i. *Water Infrastructure Improvements for the Nation (WIIN) Act and Title 16*
May 16 2018 funding announcement for WIIN 20M, 35M Title 16 – due July 27. House has passed appropriations bills. \$20M for recycled water under the WIIN act has been authorized, and would need to be reauthorized next year. There has been a lot of work at Federal Level to continue to fund Title 16 and provide funding for recycled water. There is a new part of the program requiring applicants to describe how their project assists in "Creating a conservation stewardship legacy second only to Teddy Roosevelt".
- b. State (Munoz)
 - i. *Update on BAIRWMP (Munoz)*
There will be a quick IRWMP update to address new requirements, which will largely be edits to the text to address issues such as climate change. The SF Bay Area Region was awarded \$6.5M through the current funding round, the DAC Involvement Program, to assist with outreach to promote involvement of DACs in IRWM planning efforts. The Environmental Justice Coalition (EJCW) and California Indian Environmental Alliance (CIEA) are administering these funds, and are contracting with outreach partners (NGOs and Tribal organizations). There will be approximately \$23.7M available for the SF Bay Region in the Prop 1 Implementation Round 1, with a maximum of \$1.9 available for DAC projects. EJCW and CIEA will lead the development of a list of projects for this implementation round. The Coordination Committee will be reviewing the factors used to rank projects. There is a form on the IRWM website for submitting new projects. Stormwater Plans are being added to the IRWM as they are provided. The Project Solicitation Package will be released in September.
 - ii. *Prop 1*
Prop 1 funds are being allocated for Lawrence Berkeley Labs or Lawrence Livermore National Labs (LLNL) for recycled water and energy resources as a match for DOE advanced water grant – they are trying to create a research hub. The labs are each asking for \$4M per year, for total of \$20M. Neither of these labs has a high profile with working with recycled water producers in the area. LLNL has been doing research on desalination and RO.

4. SCAP presentation on impacts of water conservation on POTW operations – Fono
SCAP hosted a presentation on the unintended consequences of conservation, such as higher influent TDS, and shared the slides with BACWA. There is an interest among members in BACWA hosting a special presentation in our area. In addition to the presenters from Southern California, we would like to find local speakers as well.

5. Water Management Legislation, Assembly Bill 1668 and Senate Bill 606 – Olson

- AB 1668 and SB 606 are companion bills that would require the SWRCB, in coordination with DWR, to adopt long-term standards for the efficient use of water and would establish specified standards for per capita daily indoor residential use. They implement "Making conservation a way of life".

- The bills would require each urban retail water supplier to calculate and report an urban water use objective no later than November 1, 2023, and by November 1 every year thereafter, and compare its actual urban water use to the objective by those same dates. They would authorize the Water Board to issue information orders, written notices, and conservation orders to an urban retail water supplier that does not meet its urban water use objective, as specified.
- The bills would also revise urban water management plan requirements, in particular requiring a drought risk assessment for a five-year drought and increasing water shortage contingency plan requirements. The bills would require each urban water supplier to conduct an annual water supply and demand assessment and report annually by June 1st to DWR on anticipated shortage, triggered shortage response actions, compliance and enforcement actions, and communication actions consistent with the supplier's water shortage contingency plan.
- It is unclear how "waivers" for recycled water will be implemented

6. Bay Area Landscape Guide Update – Hansen

First edited chapters will be provided to the reviewers, Rhodora Biagtan and George Tchobanoglous, on Monday July 23.

7. Legislation and Regulatory Update –Walker

a. Proposed Framework for Regulating Direct Potable Reuse

The State Water Board received 10 comment letters.

b. Bioanalytical Screening of Recycled Water

CASA and WateReuse have concerns about the mandatory use of bioanalytical panels in potable reuse projects since they are not yet considered "proven" by many.

c. Follow up on prior legislation

WateReuse California is proposing new legislative concepts – They would like to see Title 17 revisions for dual plumbed buildings as follows:

- Allow swivel wells to be used in dual plumbed buildings to switch between potable and recycled water. There is concern that without additional backflow prevention this would lead to contamination of potable supply.
- Clarify that indoor food service can be allowed in dual-plumbed buildings.
- Clarify that HOA controlled landscaped common areas should be allowed flexibility in implementing backflow prevention.

SCVWD supports these proposals since it allows the use of newer devices to provide backflow prevention, although some agencies have concerns about backflow.

8. Announcements/Agency Updates – All

WateReuse Northern California Chapter Meeting, August 24, 2018, SCVWD

They will be doing a tour of their constructed wetland cells to treat RO concentrate.

SFPUC – Submitted engineering report in July 2017 and received comments from DDW. SFPUC had a question about having their own staff do cross connection testing at their parks. DDW recommended that the SF Department of Public Health witness certified cross connection staff during testing, and that cross-connection testing take a minimum of 4 hours. It seems unusual for SFPUC staff to not be allowed to test their own facilities and infrastructure. Title 22 does not require this level of oversight. DDW referred SF to review the cross-connection control procedures of the City of San Diego, even though they have their own. EBMUD and Redwood

City staff noted that they always invite DDW staff to attend cross connection testing, but DDW staff choose not to attend.

Future Agenda Topics:

Issues Regarding Permitting Onsite Reuse Facilities, Mountain View Area
Enhanced Recycled Water Study Under Next Watershed Permit—Fono

Next Meeting

Tuesday, September 18, 2018, EBMUD Small Admin Training Room