

BACWA Recycled Water Committee Meeting

EBMUD Headquarters – 2nd Floor Small Training Conference Room

January 16, 2018

10:30 a.m. – 12:30 p.m.

1. Introductions – Biagtan

William Burrell – RWB

Vince Christian RWB

Anita Jain – West Yost

Linda Hu – EBMUD

Rhodora Biagtan – DSRSD

Stefanie Olson – DSRSD

Lorien Fono – BACWA

Darcie Luce - SFEP

On Phone

Tom Hall - EOA

Eric Hansen – Silicon Valley Clean Water

Courtney Rubin – Hydroscience

Kishen Prathivadi – Sewer Authority Mid-coastside

Melanie Tan – Kennedy Jenks

Aparna Chaterjee –City of Hayward

Zack Helsley – Santa Clara Valley Water District

Kevin Booker – Sonoma County Water Agency

2. Funding Opportunities – Biagtan

a. Federal (Jain)

i. *Water Infrastructure Improvements for the Nation (WIIN) Act*

There were 23 applicants, totaling \$91M in requests, for the FY17 Funding Opportunity Announcement (FOA) that had a \$10M authorization. Winners were:

- North Valley Regional Recycled Water Program - \$4.3 million
- Orange Co. San. District - \$1.4 million
- Water Replenishment Dist. Of SoCal - \$4.3 million

The Selection criteria were heavily weighted in favor of large projects and low \$/af costs. BOR is preparing a new FOA for FY18. There is currently no money appropriated and the Bureau of Reclamation (BOR) is unsure if the appropriations will be split into two pots – one for authorized projects (traditional Title XVI) and one for unauthorized projects (WIIN), or if it will be for one pot of money to fund both types of projects. If there are two pots of money, BOR is assuming there could be \$10 M for WIIN and \$30 M for Title XVI. The selection guidelines will be the same for both sets of projects. BOR is working on the guidelines now.

ii. *New federal funding opportunity: Bay-Delta Restoration Program: CALFED Water Use Efficiency Grants; BOR-MP-18-F002*

Eligible projects should be related to water conservation and include: canal lining/piping; municipal metering; irrigation flow measurement; SCADA and automation; groundwater recharge; landscape irrigation measures; high-efficiency indoor appliances and fixtures (i.e. rebates); and small-scale recycled water projects. Small scale (less than \$5 million) recycled water projects not part of Title XVI Congressionally authorized list, may be eligible. FOA notes that it is not intended to be for recycled water, but small scale projects may be eligible. Applications are due March 18. Three million dollars are allocated in the President's budget, but the actual amount to be awarded will be decided, pending appropriations. Three to 10 projects of up to \$750,000 are anticipated

b. State

i. Update on IRWMP

The governor's budget (SB5) does not include funds for recycled water. Here is an excerpt from the BAIRWMP's Coordinating Committee's 12/4/17 meeting notes regarding a concept PSP for an upcoming Prop 1 Implementation grant round:

"The concept PSP for the Prop 1 Implementation grant round will be released in early 2018. The official draft PSP will be released in Spring 2018. The final draft PSP will be released around June 2018. Subsequently, DWR will hold meetings with each funding region. The grant funding will be released in a staggered fashion, instead of rounds, in order to encourage strategic planning.

DWR has been in discussions with the IRWM Roundtable of Regions regarding the competitive nature of the IRWM grants. DWR is finding that regions have their own structures and competition exists at the local level. DWR is exploring how to define competitive grants in a different way.

SB 5 doesn't contain any language appropriating funds for IRWM, but it may be worth reaching out to the legislature to advocate for funds to be appropriated for IRWM. Legislators want to understand why IRWM needs more money when the existing IRWM funds haven't been spent yet. The Roundtable is working with DWR to describe why IRWM is needed and why the money hasn't been spent yet. It's important to show the value of multi-purpose funding. DWR is creating regional atlas where projects can post their stories on a website."

ii. [2017/2018 Intended Use Plan Update](#)

Follow link for Plan update.

iii. [CWSRF Revolving Fund Policy and Prioritization Improvements](#)

The State Water board Division of Financial Assistance is moving forward on leveraging effectiveness of SRF funds. They are offering partial funding for FY 2018. The Policy is going to the Board in June 2018.

3. [Recycled Water General Order 2016 -- Biagtan](#)

Transfer coverage from 96-011 to General Order 2016

Under the State General Order, agencies are intended to be transferred by June 2018. The State Water Board is amending its Recycled Water Policy to provide a framework for the transition. This item will be on the agenda at the next joint BACWA/Regional Water Board staff meeting.

4. Recycled Water Policy Revision Update – Olson/Munoz

[1/4/18 Stakeholder Workshop Presentation](#) - Olson

2018 CEC Science Advisory Panel Schedule:

January 2018

Draft Report released for Public Comment

30 Days after Draft Release

Public Comments on Draft Due

February 29, 2018

Final Report due to State Water Board

March 2018

Public Draft Amendment to the Recycled Water Policy

See presentation. There is also an [informational document](#) outlining the proposed changes. The CEC panel report has not yet been released (edited after the meeting – the report was [released](#) for public comment on Jan 31). The State Water Board proposes removing recycled water mandates, since they are unenforceable. There needs to be a consideration that irrigation reuse is seasonal, and therefore winter use will be limited and effluent discharge will continue. It was also pointed out that recycled water production targets cannot be based on peak POTW flows. The State Water board also wants to streamline reporting. There is a preference for collecting information from recycled water producers, rather than distributors, to avoid double-counting. With respect to Salt/Nutrient management plans, there is concern that these are a burden on small agencies. Recycled water is not the only source of salt and nutrients, and should be carved out of the Policy. There will be a framework for Regional Water Boards to decide whether an SNMP is needed, with recognition that it is not needed in all basins. Priority pollutant monitoring requirements will be removed for irrigation and groundwater recharge. They plan to introduce language about water rights via Water Code 1211, and state what is within the Water Board's authority. The Policy will lay out a framework whereby Regional Water Boards will review and update existing recycled water permits – Regional Water Boards are to review existing permits and ensure they are in compliance with current policy. There may be a possibility that 96-011 could be updated to make it consistent with the new General Order.

See also [12/1/17 CEQA Early Public Consultation Meeting for Proposed Amendment to the Recycled Water Policy](#)

5. Proposal: Enhanced Recycled Water Study Under Next Watershed Permit—Fono

Under the next nutrient watershed permit, there will likely be a requirement to do a regional study on non-greyscape alternatives for nutrient removal. This will likely include a recycled water component, and BACWA is interested to hear from the committee what information would be useful to the recycled water community. It

was pointed out that many agencies have detailed information on recycled water opportunities, for example, EBMUD is updating its master plan. DSRSD has more demand than supply for Recycled Water, and is looking for additional sources of recycled water. The regional study could look at barriers and incentives for recycled water. Credit banking for early actions to remove nutrient could be significant when deciding on potable vs. irrigation reuse projects.

From the last recycled water survey, Lorien will put together a document summarizing recycled water information that was already gathered.

6. Role of Recycled Water in the Estuary Blueprint – Luce

Darcie provided update on the recycled water tasks in the CCMP. She wants to know whether the tasks still feel relevant and whether we should update them. Rhodora asked whether SFEP could support our comments to the Water boards on issues where recycled water implementation is impacted.

Eric Hansen, SVCW, is in coordination with the SCVWD on outreach and would like to support a joint effort. Southern California has NWRI and he would like to see something similar for Northern California, and will follow up with SFEP.

7. Legislation and Regulatory Update –Hu

- a. *AB 574 Potable Reuse Classification adopted 10/6/17. Raw Water Augmentation by 12/31/2023.*
WaterReuse bill to use recycled water to flush salinity from root zone.
Water Reuse submitted comment letter on recycled water reasonable use. There are investments that have been made in recycled water infrastructure that could result in stranded assets if there is a ban on turf irrigation.
- b. Governor's 2018-19 Budget and SB5
Nothing specific on recycled water, but could fall under one of these broader categories.
- c. *Surface water augmentation*
SWA regulation released, with changes from prior draft: WaterReuse wants Water Boards to have justification if they require tracer studies. See [comment letters](#) from September.
- d. *Model Water Efficient Landscape Ordinance (MWELO)*
UC Riverside produced a study on how much irrigation with recycled water is needed for leaching salts from root zones. Please see the recently released [draft White Paper](#) that NWRI did for WRCA on the use of recycled water as part of MWELO. Specifically the study proposes a method for accounting for salinity leaching in the application of recycled water in landscape irrigation.

8. Volunteers Needed for Future Committee Co-Chair

9. Announcements/Agency Updates – All

BACWA Annual Members meeting, January 19, 2018

WaterReuse Awards of Excellence Nominations, due January 22, 2018

WaterReuse Northern California Chapter Meeting, February 23, 2018, EBMUD – may be rescheduled.

SVCW on March 9 at Stanford, invitation only – In partnership with ReNUWIIt and over 50 agencies and stakeholders in the Bay Area, SVCW has assembled a FREE workshop that will include an overview presentation on Potable Reuse for the Bay Area from Professor David Sedlak of ReNUWIIt and UC Berkeley and 3 expert and stakeholder panel discussions: 1) Sustainable Policy Development for Potable Reuse (Moderated by Steven Moore, State Water Board, 2) Public Benefit from Potable Reuse Technology, Moderated by Eric Rosenblum, Envirosppectives, and 3) Bay Area Regional Partnerships for Potable Reuse, Moderated by Newsha Ajami, ReNUWIIt and Water in the West. This workshop is intended for electeds, managers, and other decision makers in the Bay Area. Secretary John Laird has confirmed his participation and we are coordinating with Lieutenant Governor Gavin Newsom's scheduler for him to also participate. Contact Eric Hansen EHansen@svcw.org to participate.

Bay Area Recycled Water Landscape Guide- - Working on final edits. Rhodora will get a copy within the next 2-3 months.

Future Agenda Topics:

Surface Water Augmentation

AWWA Advance Treatment Operator Certification Job Analysis

Next Meeting

Tuesday, March 20, 2018, EBMUD Small Admin Training Room