

BACWA Recycled Water Committee Meeting Notes

EBMUD Headquarters – Conference Room 8 A/B

September 17, 2019

10:30 a.m. – 12:30 p.m.

1. Introductions – Olson

Justin Waples – CCCSD
Stefanie Olson – DSRSD
Cheryl Munoz – SFPUC
Jan Lee – City of Hayward
Billy Dixon - SCWA
William Glickstein – EBMUD
Nina – SF Bay Regional Water Board
Maggie Mognahan – SF Bay Regional Water Board
Melissa Gunter – SF Bay Regional Water Board
Anita Jain – West Yost
Tom Hall – EOA
Lisa Cameli - Petaluma
Chelsea – City of Petaluma
Leah Walker – City of Petaluma
Lorien Fono – BACWA
Reena Thomas – EBMUD
Mike Falk – HDR
Alina Constantinescu – Larry Walker & Associates
Rhodora Biagtan – Hydrosience
Melanie Tan – Kennedy/Jenks
On phone
Medi Senaki – Valley Water
Lei Hong – Valley Water
Eric Hansen – SVCW
Eric Rosenblum – Envirospetives
Irene Suroso - DSRSD
Sarah Rhodes – Woodard & Curran
Phil Scott - West Bay SD
William Burrell – SF Bay Regional Water Board
Brian Kuhn- SFO

2. Funding Opportunities

a. Federal - Strommer

i. *Water Infrastructure Improvements for the Nation (WIIN) Act and Title 16*

Congress just returned September 9th from the August recess, so there are few changes/updates at this time. The Bureau of Reclamation reported receiving 19 applications for the FY 19 \$20M funding opportunity. They stated that selections have been made and those are under review by USBR HQ. No further details shared by Reclamation.

There are two House bills (H.R. 1162; H.R. 2473) and one Senate bill (S. 1932) that include provisions for reauthorizing the recycled water grant program under the WIIN Act. All bills have had a hearing and are awaiting markup by their respective committees. There are indications that they want this to happen soon and possibly by the end of the month, but those timing decisions on markup have not yet been made. After markup, the bills can move to the floor for action.

Again, little change on appropriations. The House previously passed their Energy and Water Appropriations bill, which included \$10 M for WIIN Act water recycling grants and ~\$53M for Title XVI authorized projects. The Senate only just started work on their Energy and Water Appropriations

bill and details are not yet available. (Update: The Senate Energy & Water Appropriations Bill has \$65.017 M for Title XVI, of which \$20M is for WIIN Act – water recycling)

b. State - Munoz

i. Update on BAIRWM Prop 1

A preapplication workshop was held on August 23 in preparation for the 6th Workshop with DWR. There were some questions about conservation project and using public funds on an ongoing basis. The final application is due to DWR by November 15. The grant agreement will be available by January 2020. 27 projects were submitted to the PSC for review. Through unanimous agreement, the PSC selected 8 projects to be recommended for inclusion in the regional Proposal, as shown below:

Project Title	Sponsor
RD1 System Fish Passage Improvements	Alameda County Water District
Lower Walnut Creek Restoration	Contra Costa County Flood Control and Water Conservation District
River Oaks Stormwater Capture Project	City of San José
NBWRP Phase 2	North Bay Water Reuse Authority
Calistoga Water and Habitat Project	City of Calistoga and Napa County Resource Conservation District
San Francisquito Creek Flood Protection, Ecosystem Restoration, and Recreation Project	San Francisquito Creek Joint Powers Authority
Bay Area Regional Water Conservation	East Bay Municipal Utility District
San Francisco Zoo Recycled Water Pipeline Project	San Francisco Public Utilities Commission

The cap on requested funds was \$22.75M.

3. 2016 State Recycled Water Use Permit Transition (All)

Section 11 of the Recycled Water Policy amendment, effective April 8, 2019, states:

11.2.2. If an enrollee under an existing regional water board general order for non-potable uses of recycled water has a Title 22 Engineering Report approved after January 1, 2001, the regional water board shall transition the enrollee to Order 2016-0068-DDW or its successor, unless a site-specific order is more appropriate, before one year from the effective date of this Policy.

11.2.3. Regional water boards shall transition all other enrollees from these orders to Order WQ 2016-0068-DDW or its successor, or a site-specific order as appropriate, before three years from the effective date of this Policy.

Updated Title 22 Engineering Reports Needed:

Blair Allen of the San Francisco Regional Water Board previously provided a list of the Order No. 96-011 enrollees and the dates of their Title 22 Engineering Report. Regional Water Board files indicate that the Sewerage Agency of Southern Marin Recycled Water Program and the Livermore Recycled Water Program's Notices of Intent for enrollment under Order No. 96-011 were submitted prior to January 2, 2001. An updated Title 22 Engineering Report will need to be submitted to the Regional Water Board and the Division of Drinking Water for review. We recommend submitting the revised report at least a year prior to the three-year transition deadline of April 8, 2022. Attachment A of the Water Reclamation Requirements Order No. 2016-0068-DDW includes Notice of Intent instructions. Guidelines for the Preparation of an Engineering Report for the Production, Distribution, and Use of Recycled Water are attached. We will provide a subsequent notification to these permittees. (Edited to add that Livermore has provided material showing that it has submitted all the material required for the updated Engineering Report and will be able to transition to the State General Order without any additional submittal.)

The applicable Division of Drinking Water (DDW) contacts are:

- Sewerage Agency of Southern Marin: Marin County – Janice Oakley, Janice.Oakley@waterboards.ca.gov, (707) 576-2006. The Title 22 Engineering Report may be routed to Sherley Rosilela of the State Water Board for review.
- Livermore: Alameda County – Marco Pacheco, Marco.Pacheco@waterboards.ca.gov, (510) 620-3454

Electronic Files Request:

The Regional Water Board plans on enrolling the remaining permittees prior to the one-year enrollment deadline of April 8, 2020, via Notice of Applicability letter(s).

Out of the remaining permittees, the Regional Water Board has paper copies only of the Notice of Intent for enrollment under Order No. 96-011 for the permittees listed below. They can scan their paper files but if electronic versions of the Title 22 Engineering Report and Notice of Intent are readily available, it would be helpful if they were sent to Melissa.Gunter@waterboards.ca.gov.

1. American Canyon Water Recycling Program
2. North San Mateo County Sanitation District Water Recycling Program
3. Silicon Valley Clean Water
4. Yountville Water Recycling

The schedule for the Regional Water Board to send letters to 96-011 permittees is not known yet. Valley Water got approval for their Title 22 report in 2012, and is up to date. Melissa noted that there is nothing that needs to be updated for their transition to the State General Order. There are no changes between contents of current requirements going back to 2001. The Water Board is not requesting an additional NOI from dischargers.

During permit renewals, the Water Board will describe recycled water projects in updated NPDES permit Fact Sheets. There will also be an updated sheet on recycled water flows that are required to be monitored, as well as a framework for submitting these flow data separately. BACWA will work with Regional Water Board on specificity on what the different flows to be reported are.

4. Bay Area One Water Network and California Water Quality Monitoring Council (CWQMC) (Hansen)

The One Water Network held a stormwater workshop – Drs. Dick Luthy and David Sedlak are compiling the report. The Water Recycling workshop is planned for December. Community experts are being identified for the recycled water workshop to look for solutions for locally sustainable water supply. After the two reports are compiled, there will be a Bay Area One Water network workshop in April, and future workshops will include desalination, conservation, non-potable reuse.

CWQMC's mission is to disseminate timely water quality information – participating in safe drinking water workgroup, which plans to deliver accessible information to general public via website.

5. Governor's Water Resilience Portfolio (Waples)

The portfolio is intended to integrate different elements of the State's Water infrastructure risk with a focus on sea level rise. The State Water Board is expecting to have a report drafted by the end of the year. They are mostly repackaging works that has already been done rather than generating new material or analysis. State Water Board has asked region Boards to provide recommendations. At the committee meeting, there was discussion about streamlining permitting pathways. BACWA will develop a comments letter based on Jackie Zipkin's talking points at the listening session on September 11. (Edited to add the [comment letter](#) was submitted on October 1)

6. Framework for Regulating Direct Potable Reuse in California (Fono)

Water Reuse is commenting that there is no need to phase regulations for RWA and DPA. WaterReuse is partnering with CUWA to submit comment letter. They will set log removal requirements. The committee agreed that BACWA should support WaterReuse California.

7. Nutrient Watershed Permit, Regional Recycled Water Study Update (Falk)

There was a question about how to deal with zero discharges. The scoping and evaluation will determine how those agencies would be addressed.

8. WaterReuse Symposium Summary – San Diego (Hansen)

WaterReuse California has developed a [2019 Action Plan](#) to develop a strategy to advance water reuse in California over the next 30 years to help address the state's greatest water challenges as part of a comprehensive water resilience portfolio. The strategy focuses on identifying water that can be recycled, and identifying regulatory and funding solutions to implement recycled water projects. There were a lot of international participants at their Annual Symposium. There was discussion about using DPR as an emergency measure. Will Burrell attended a discussion of health-based decision making. WaterReuse in California will be in March and the National meeting will be in September, then they will flip the timing for the two meetings in 2021.

9. Bay Area Recycled Water Landscape Guide Update (Hansen)

Waiting for comments back from reviewers. They are aiming for publication in late spring 2020. There was a discussion about concerns about review. SFEI is putting together a list of native species. The impetus for the Guide was the recognition that there needs to be concurrence between recycled water users and producers. There was discussion about irrigating redwoods, and that they are not the most appropriate plant for the inner Bay Area.

10. Legislation and Regulatory Update (Thomas)

a. Active Legislation

- AB1180 would update nonpotable regulations and regulate swivel els is on the Governor's desk.
- AB292 would update potable reuse terminology. The Water Board proposed updates that would negate the benefits of the bill
- [Recycled Water Funding](#) guidelines – The major changes proposed to the WRF Guidelines include (1) removing references to specific funding sources, and instead applying eligibility requirements programmatically, (2) deleting language and provisions that are described in the CWSRF Policy and therefore redundant, (3) redefining construction grant calculations, (4) shifting the setting of grant maximums annually to the CWSRF IUP instead of the WRF Guidelines, and (5) adding guidance regarding recycled water research and recycled water pilot projects. Guidelines go before Water Board on October 15.
- Kamala Harris has developed a Water Justice Act.

11. Announcements/Agency Updates – All

WaterReuse Northern California Chapter Meeting, December 6, 2019 at Dublin/San Ramon. The Agenda is under development.

Valley Water is looking at three different projects to remove nitrogen from RO concentrate:

- Floating Wetlands Treatment (FWT) of RO Concentrate at SVAWPC
- RO Concentrate Treatment in Horizontal Levee at Oro Loma Sanitation District
- Capacitive Coagulation Removal of Free and Chelated Metals in RO Concentrate at SVAWPC:

BACWA provided a comment letter in support of a grant application.

Future Agenda Topics:

Next Meeting

Tuesday, November 19, 2019, EBMUD Small Training Conference Room