

BACWA Recycled Water Committee Meeting Notes
EBMUD Headquarters – 8th Floor, Conference Room 8AB*
September 7, 2016
10:00 a.m. – 12:00 p.m.

1. Introductions – Biagtan

Rhodora Biagtan - DSRSD
Leah Walker – City of Petaluma
Stefanie Olson - DSRSD
Dan Jackson – City of Benicia
Linda Hu - EBMUD
Lorien Fono – BACWA
Anita Jain – WBA for West Bay Sanitary District and Redwood City
Vince Christian – Regional Water Board
Paul Gilbert-Snyder - EBMUD
Kishen Prathivadi – Sewer Agency Midcoastline - Half Moon Bay
Amanda Roa – Delta Diablo
Cheryl Munoz - SFPUC
On phone
Aparna Chatterjee – City of Hayward
Jaynes Strommer – Delta Diablo
Eric Rosenblum - Enviroinspectives
Courtney Rubin - HydroScience
Tom Hall - EOA
Jonathan Chavez – City of Mountain View
David Williams – BACWA
Melody LaBella - CCCSD
Kevin Booker – Sonoma County Water Agency
Zoe Lake – Delta Diablo
Andria Loutsch – CDM Smith
Karin North – City of Palo Alto
Luisa Sangines – SCVWD

2. Potable Reuse-Biagtan/Walker

The Draft Direct Potable Reuse Report was to be released September 1, 2016, but the release date was pushed to the second week of September. WaterReuse Northern California is holding a special meeting to address the report.

Also, see: [Expert Panel Draft Key Research Recommendations Related to the Development of Uniform Water Recycling Criteria for DPR](#) The expert panel's conclusion was that while there are additional research needs to support DPR, they should not prevent the development of DPR criteria.

Draft Surface Water Augmentation Regulations are to be released in next few weeks. The requirements for residence time will likely be 4 months, or 2 months with additional treatment.

3. Building Standards for Recycled Water Systems (AB 2282) – Olson

Stefanie Oslon is working with the committee to look at single family and multifamily residential buildings. They are recommending that recycled water be used in water closets and outdoor irrigation. They have changed the definition of dual plumbing. Stefanie provided the following comments to the committee: The original drafts allowed potable water to be used as backup in nonpressurized tanks, with an RP backflow preventer. Title 17 requires an air gap. The agency of authority should be given jurisdiction over overseeing cross-connection prevention. Purple should be reserved for signage for recycled water rather than gray water and other alternate nonpotable water supplies.

There may be some changes to Titles 17 and 22 that come out this effort. Draft standards are posted on the website, and they are accepting comments until September 9. The next Steering Committee meeting is September 30 from 9 to 3:30. Further timeline:

- Final stakeholder meeting November 4.
- State Agencies initial submittal to BSC December 16.
- Public Review in the March/April timeframe
- Adoption planned for June 2017.

4. Bay Area Recycled Water Survey-Fono/Walker

- a. *BACWA RW Survey/Nutrient Study* – There was a discussion that the information about recycled water would be included in the optimization upgrade studies, but no recommendations will be made about preferred projects.
- b. *DWR Recycled Water Survey* – Many agencies report that the survey was sent to the wrong staff people. The survey period has now closed, but if your agency did not participate you can submit a request to participate.

5. Recycled Water General Order 2016 -- Walker/Fono/Roa

- a. *Coverage of recycled water production* – The details of production are to be covered by the Engineering Reports, as well as governed Title 22 rules. There should be a clarification put into the State General Order or Notice of Applicability for each project that production is governed by Title 22 and the Engineering reports. The current language in the General Order states: *Description of existing and/or proposed treatment, storage, and transmission facilities for water recycling (much of this may be from current orders/reports, but should be updated if necessary). This shall include the type and level of wastewater treatment for water recycling applications, estimated seasonal flows of recycled water, and a summary of monitoring data that describes the chemical, physical, and disinfection characteristics of the recycled water. A copy of the approved Title 22 Engineering Report and the corresponding State Water Board approval letter, shall be included in the submittal.*
- b. *Salt and Nutrient Management Plan requirement*
Delta Diablo submitted a brief antidegradation report where they checked the SNMP box when they applied under the General Irrigation Order in 2009. The General Order says you only need to submit an SNMP if directed by the State or Regional Water Board.
- c. *Transfer coverage from 96-011 to General Order 2016*
Recycled Water Committee to develop team – Amanda Roa, Tom Hall, someone from EBMUD, Lorien Fono. Delta Diablo applied for General Order and can develop a linkage between new and previous requirements. Agencies will only need to submit missing parts from the new engineering report requirements. Delta Diablo will apply for new permit, and would like input so that they don't set precedents that are difficult for others to meet. The aim is to have a series of recommendations developed by the end of the year.

6. Revisions to Recycled Water Policy –Munoz

See notes from the August 18, 2016 Conference Call

When the General Order was adopted in June 2016, the State Water Board said they want to reopen the Recycled Water Policy. WateReuse has kicked off a working group to address the issue. Cheryl Munoz has been participating in the WateReuse effort. Jennifer West of WateReuse has asked the community for major issues to bring to State Water Board staff as they kick off the process.

- SNMPs - Consequences for failing to prepare one, offramps
- Goals – Recycled Water and Stormwater Goals
- Role of DDW
- Inclusion of potable reuse
- Promotion of Agricultural Reuse and consideration of Agronomic Rates
- Priority Pollutant monitoring

BACWA held a conference call to discuss the issues raised at WateReuse. (See meeting notes from BACWA Conference Call). Committee members are encouraged to go through the notes and submit comments to Cheryl by September 16.

State Water Board staff plans to bring forth a resolution before the end of the year. It is unclear what level of detail about proposed changes will be included in the resolution.

7. Funding Opportunities-Biagtan/Strommer

- a. Prop 84 Round 3 IRWMP Grant-Update – Distributing payments from the first invoice. ABAG is preparing the third invoice.
There are currently \$6.5M in funds available for DAC projects. Cheryl has been asked to help review projects. They are looking for someone from the wastewater community as well. Volunteers are requested in the next couple of weeks.
- b. Western Recycled Water Coalition – Congressman McNerney has been an advocate for recycled water and has developed an omnibus drought bill. It has been distributed for comments from industry associations. If it doesn't go to the floor this year, it will be introduced in the new congress in the Winter of 2017.
- c. State Funds--SRF & Prop. 1 – DSRSD is seeking funding for recycled water treatment expansion. Dan Newton was at the July meeting, and let them know that funding is oversubscribed from Prop 1 and SRF grants and loans. They have 30 agencies applying for funding, they will look over applications and identify approximately five to fund. SFPUC got a loan, and stated it was a burdensome process. Agencies should encourage the State Water Board to sell more bonds. This does not impact research funds associated with Proposition 1. Vince Christian would like to discuss this lack of funding with Bruce Wolfe, SF Regional Water Board Executive Officer. There are definitely projects that agencies want to do that are impeded by this lack of funding.

8. Legislation and Regulatory Update – Walker/Muñoz/Hu

a. Legislation

This year's Legislative session is over. Bills are on Governor's desk, and need to be signed soon. The last recycled water bills still in play are AB2022 – bottling advanced purified water for demonstration purposes, and SB1069, zoning for secondary dwelling units.

New bills can be introduced as early as December.

AB1420 Compliance certification expired June 30. It required that agencies with State Funding report on compliance with demand management measures. DWR said agencies need to continue to comply. However, ABAG clarified that agencies must now just meet SBX77 requirements.

b. Proposed Title 22 changes

This issue is on the back burner since DDW does not have resources to address these at the current time.

9. Committee Leadership-Biagtan/Walker

The committee is still recruiting next year's leadership.

10. Announcements/Agency Updates – All

Special Meeting on SWRCB Report on Feasibility of Direct Potable Reuse - WaterReuse CA, Sept 29, 1-4 pm at SCVWD.

The city of San Ramon contacted EBMUD about injecting fertilizer into the irrigation system after the meter. They bury a drum with the fertilizer. However, there is no backflow prevention required at this time. DSRSD would like to know how other agencies are dealing with this issue. Napa Sanitation District has looked at this issue and some agencies have no requirements, and others have various means of backflow prevention. Napa will be considering a risk-based approach associated with different uses and decide on the appropriate level of protection. Usually a single or double check valve provides sufficient protection. More protection would make sense for insecticide uses.

Abstract deadline for California WaterReuse due November

Next Meeting

November 2, 2016 from 10:00 am to 12:00 pm, 2nd Floor Small Training Room at EBMUD Headquarters.