

BACWA Recycled Water Committee Meeting

EBMUD Headquarters – 4th Floor Conference Room

December 3, 2014

10:00 a.m. – 12:00 p.m.

1) Introductions – Muñoz

- Cheryl Munoz - San Francisco Public Utilities Commission (SFPUC)
- Dave Williams - Bay Area Clean Water Agencies (BACWA)
- Kimberlee West - BACWA
- Roanne Ross – Whitley Burchett representing Redwood City
- Linda Hu - East Bay Municipal Utility District (EBMUD)
- Vince Christian - Regional Water Quality Control Board (RWQCB)
- Melissa Gunter - RWQCB
- Rhodora Biagtan - Dublin San Ramon Services District (DSRSD)
- Dan Jackson - City of Benicia

On phone

- Leah Walker- City of Petaluma
- Eric Rosenblum - Envirospectives, Inc.
- Kevin Booker - Sonoma County Water Agency
- Jayne Strommer - Delta Diablo Sanitation District
- Bhavani Yerrapotu - City of Sunnyvale
- Melody LaBella - Central Contra Costa Sanitary District (CCCSD)
- Luis James - Santa Clara Valley Water District
- Drew McIntyre - North Marin Water District
- Tom Hall - EOA, Inc.

2) Prop 84 Funding Rounds – Muñoz/Hu

- a. Round 2 - Most project Local Project Sponsor (LPS) agreements have been completed and approved. DWR is now gathering documentation on what agencies' governing boards or councils have approved projects. The first invoicing round is coming up. There will be only one opportunity to invoice for a given period, and agencies need to submit their materials at the same time. The first reporting period will include all charges for the backdated period for which the funding match can be charged (back to 9/30/08), so six years' worth of material. LPS agreements need to be signed and approved by their governing boards or councils in order to submit project charges.
- b. Drought Relief Round - Agencies that have LPS agreements must submit post-award contracts to ABAG by 12/3. All project submissions need to be in to DWR by 12/12.
- c. Round 3 - Draft solicitation is planned for Summer or Fall 2015.

3) Recycled Water Discussion at 12/19 BACWA Board Meeting- Muñoz

The BACWA Board would like updates on the following topics at their 12/19/14 meeting.

1. Sunnyvale's long-term plans for zero discharge with respect to nutrient issues, and if there are other Bay Area agencies dealing with this issue and what they are doing. Bhavani Yerrapotu will present on Sunnyvale's project.
2. The status of the recycled water truck fill survey. Cheryl Muñoz will provide a brief update.
3. Update on the outlook for Prop 84 Round 3 IRWM, and Prop 1 IRWM and Recycled Water funding if the drought continues. Also, if the drought does not continue, what, if anything, should BACWA be doing with respect to these funds to promote funding of Bay Area recycled water and wastewater projects? Cheryl will provide a brief update.
4. Recycled water scalping facilities
 - a. Scalping is the process of extracting needed wastewater from nearby trunk sewers, then treating the wastewater to Title 22 levels without solids treatment, and returning the solids to the trunk sewer.

- b. Questions were raised at the November BACWA Board meeting to identify agencies in the Bay Area that have recycled water scalping (also called decentralized or sewer mining facilities) facilities and to identify any specific issues involved such as regulatory requirements.
 - c. Melody LaBella (CCCSD) reported that the Diablo Country Club golf course, located in EBMUD's service area, has executed a MOU with EBMUD and CCCSD to study the feasibility of a satellite recycled water facility that proposes to scalp wastewater out of CCCSD's collection system. As the lead CEQA agency for the project, CCCSD is finding that, due to low flow fixtures and water conservation, the sewer line in question is already not meeting minimum flow criteria, although minimum velocity is being met. CCCSD staff is being cautious in processing the application, as there is concern about creating downstream maintenance problems in the line due to the flushing of wipes in a line with reduced wastewater flow. CCCSD staff will share any lessons learned from this experience.
6. Brine discharge issues
- a. There are four facilities in Region 2 that use reverse osmosis to treat water, two of which treat wastewater (EBMUD and San Jose) and two of which treat groundwater (Zone 7 and Alameda). They discharge a concentrate waste stream (brine).
7. Discussion of the new state-wide general recycled water permit (2014-0090).
- Dan Jackson inquired about issues related to project applications under General Order 96-011 permits versus new state-wide general recycled water permits (2014-0090) for new projects.
 - Melissa Gunter stated that the RWRCB's stance originally was to have new projects apply under the new permit, as the RWQCB has been focusing on identified Region 2 basins of concern. She also stated that there is flexibility to use 96-011 if a project can prove hardship due to the issues related to 2014-0090, or if the project is connected to an existing 96-011 permit by expanding an existing project, or adding new users.
 - There was a question of 96-011 needing to be updated for the Department of Public Health.
 - Dave Williams would like to include a comparison of 2014-0090 requirements versus 96-011 requirements in the next BACWA Board meeting packet. Cheryl will provide this comparison.
 - The major difference is that 2014-0090 requires more extensive monitoring and salt and nutrient management plans.
 - Tom Hall reminded us that the original intent was that 2014-0090 would be an opt-in permit for agencies/projects. New projects could be permitted under the new permit, while existing projects could opt-in to the new permit, or remain with 96-011 permit. The new permit was supposed to be based on Region 2's 96-011 that the Bay Area has been very happy with.
 - Questions were raised as to any possible benefit for agencies to be permitted under 2014-0090. It was also asked if there is any benefit for regulators in gathering salt nutrient management plans and additional monitoring data for all projects as required by the new permits. 96-011 currently has provisions to allow regulators to require salt and nutrient management plans on a project by project basis.
 - It was also stated that 2014-0090 discourages implementing recycled water projects and is, therefore, not beneficial. At the December BACWA Board meeting, an overview of this issue should be presented to the RWQCB staff with discussion to move away from new permit requirements.

4) Introduction of RWQCB Staff Member Melissa Gunter

- a. Melissa recently joined the RWQCB in August and is working with Blair Allen on recycled water project review and permitting. She has been visiting facilities and getting to know the community.
- b. Blair and Melissa have split the region into East and West areas, in terms of their individual focuses, but there are a lot of cross-over projects.

5) Legislation/Regulations Updates – Rosenblum/Muñoz

- a. Legislation
 - i. AB 1471 – Water Bond (Prop 1)

At the 12/1 IRWM Coordinating Committee meeting, Carl Morrison gave a presentation on the various pots of Prop 1 funding. There is potential funding for recycled water projects through two avenues:

 - 1.) \$510 million total will be available for regional water projects, with \$65 million allocated to the Bay Area, through the IRWM process. There is a 50% funding match requirement. It is assumed at this time that DWR will be administering these funds.
 - 2.) \$725 million will be available state-wide for recycled water projects that will be split between recycled water and desalination projects. The funding split between the two is not yet known. There is a 50% funding match requirement. It is assumed at this time that the recycled water funds will be administered

by the SWRCB, and the desal funds will be administered by DWR. There have also been discussions of a reinvigorated Water Commission and what their role might be.

Cheryl will forward a PPT presentation given on Prop 1 funding at the IRWM Coordinating Committee meeting on 12/1.

ii. AB 1699 -_Plastic Microbeads

This legislation did not pass State Senate by 1 vote. Environmental groups are planning to reintroduce the bill. The WaterReuse Association CA Section will be preparing a briefing paper and is asking agencies that have a good understanding of this issue to help in the preparation. Melody LaBella from CCCSD said that the Bay Area Pollution Prevention Group (another BACWA Committee) will be supporting this effort and could provide some information to WaterReuse for their paper. CASA will also be helping to lobby the new bill.

b. Regulations

- i. State Board is planning to hold a meeting in mid-December in Los Angeles on the "next steps" on their drought emergency regulations. Staff is expected to make a proposal to the SWRCB in Jan/Feb.

6) Bay Area Recycled Water Truck-fill Facilities Survey – Ross

a. Update on survey

The survey is complete. The information has been assembled into fill facility information pages. The pages will be assembled into a Bay Area Recycled Water Fill Facility Guidebook and posted on the BACWA site at the beginning of next year. If anyone has pictures of recycled water truck-fill facilities for the cover page, please forward them to Roanne Ross by 12/9.

b. Work in progress

i. Twenty-two agencies have been identified that have truck-fill stations, and 26 respondents indicated that they did not have fill facilities. A draft one-page fact sheet has been prepared for each of the 22 sites. Anita Jain will send the corresponding fact sheet each site to confirm that the information is correct.

iv. Committee suggestions

- Give more detailed information on type of connection (size of connection, placement of connection, etc.).
- Include a note at top of each sheet to "call for location and further details." This is intended to discourage haulers from showing up at the fill facilities without contacting facilities first.
- Add a disclaimer that the Guidebook information is for industrial truck fill facilities only, not for residential use.
- Please send any suggestions to Roanne by Tuesday, Dec 9th.

7) Partnership Updates – no updates reported this month

8) Announcements/Agency Updates – All

a. The next WaterReuse CA meeting is Friday, December 12 from 8:30 am - 1 pm at the Shannon Community Center in Dublin. Please RSVP to Rhodora Biagtan in response to the email announcement she sent out.

b. CalTrans maintenance is hooking up recycled water for an office building and a mechanic shop located in EDMUD's service area for irrigation and toilet flushing. Additionally, CalTrans will use recycled water for a future car wash facility at the location. EBMUD is working with them on recycled water signage and training.

9) Next Meeting – January 7, 2014 from 10:00 am to 12:00 pm, 2nd Floor Small Training Room at EBMUD Headquarters.