

Committee Request for Board Action: None

34 attendees (all participating remotely) representing 16 member agencies

Regional Recycled Water Study Update

Mike Falk (HDR) provided [slides](#) summarizing the progress of the Recycled Water Evaluation that is being conducted in compliance with the 2nd Nutrient Watershed Permit. Production of draft individual agency reports is wrapping up in January, and HDR plans to present Baywide tables at the committee’s March meeting. Individual plant reports will require sign-off by each agency. The draft overall report will be circulated for review in mid-April. Separately, BACWA’s [Group Annual Report](#) will include calculations of diverted nutrients based on recycled water volumes reported for 2020 and 2021.

Volumetric Annual Reporting

The State Water Board’s [volumetric annual reporting](#) tool for 2022 is available in [Geotracker](#) (see [Help Guide](#)). The 2022 reporting year module includes an optional question regarding potential future increases in recycled water production. Responses will be used to inform State Water Board-led actions under the [CA Water Supply Strategy](#), which calls for 0.8 million acre-feet of recycled water by 2030 and 1.5 million acre-feet by 2040 (approximately double current production).

Funding Updates

Sachi Itagaki (Kennedy Jenks) provided an update on state and federal funding opportunities:

- USBR’s WaterSMART [Title XVI water recycling and desalination planning](#) applications are due February 28th.
- Applications for USBR’s WaterSmART [Environmental Water Resource Projects](#) are due March 28th
- [Recycled Water Facilities Planning Grants](#) continue to be available, for up \$500,000 at a 50% match.
- No recycled water projects will be included in the Bay Area IRWM funding application to be submitted in February.
- The deadline for [urban community drought relief](#) grants from DWR is January 31st. Recycled water projects that provide immediate relief to potable water supplies are eligible.

City of Hayward Recycled Water Project

The City of Hayward’s Suzan England (Utilities Engineering Manager) and Cheryl Muñoz (Water Resources Manager) provided an introduction to the City’s recently completed Phase 1 Recycled Water Project. Slides are available [here](#). The project began with a feasibility study in 2007, then Facility Plans in 2009 and 2013. Design and construction were completed from 2017 to 2020, and project startup was completed in 2022. The system includes 8.5 miles of purple pipeline and provides about 0.3 MGD (average demand) to 31 landscape irrigation customers, including parks, schools, and private businesses. Most of the customer retrofits were completed in 2021. The initial plan was to use an existing tertiary treatment system located adjacent to the plant at Russell City Energy Center, but these plans fell through. As a result, the project required construction of a 0.5-MGD package membrane treatment facility that was delivered in a shipping container, as well as a 1-MG storage tank. The tank is used to meet peak demand and is also needed to provide sufficient chlorine contact time. The City is now preparing a Recycled Water Master Plan to identify infrastructure expansion needs for Phase 2 and beyond.

Site Supervisor Training Update

A subcommittee is continuing to develop a site supervisor training video. The committee has provided video clips and a script to the video editor for final editing.

Legislation and Regulatory Update

Two sets of recycled water regulations are expected in 2023:

- [Direct Potable Reuse regulations](#) are required to be adopted by December 31, 2023. To meet that schedule, draft regulations for public comment will likely be released soon. CASA and WaterReuse previously provided [comments](#) on portions of the draft regulations and [expert panel findings](#).
- [Onsite Non-potable Reuse](#) are also under development by the Division of Drinking Water. Melissa Gunter (Regional Water Board) noted that they have provided comments, but there is not a schedule for release of draft regulations.

The legislative session for 2023 is just beginning, and there are no updates yet.

Next Meeting – Tuesday, March 21, 2023, 10:30 am – Hybrid format, Zoom and In-Person at EBMUD