

**Location:** Virtual  
**Address:** Zoom Call  
**Purpose:** Bi-Monthly Meeting  
**Date and Time:** February 8, 2022 from 11:30 a.m. – 1:00 p.m.  
**Distribution:** Los Angeles WaterReuse Association Chapter Members and Supporters

Below is a summary of the highlight from the February 2022 bimonthly member meeting of the Los Angeles Chapter of the WaterReuse Association.

The presentations from this meeting can be found at:  
<http://www.watereuse.org/sections/california/losangeles/meetings>

**1. Host Presentation: Recycled Water in the City of Burbank** (*Jared Lee, Burbank Water and Power*)

Burbank's recycled water is produced at the Burbank Water Reclamation Plan (BWRP). Burbank's current recycled water demand is approximately 3200 AF. Recycled water uses in Burbank include surface irrigation, cooling tower, industrial processes, fire fighting, fountains, dust control, sewer cleaning, and cleaning roads, sidewalks and outdoor areas.

Burbank recently filed a petition with the Division of Water Rights to use more recycled water and discharge less to the LA River. Burbank demonstrated that discharging less recycled water will have less than significant environmental impacts on the LA River. As a result, Burbank secured the right to increase the use of recycled water to 5,027 AF, reducing discharge to the river by about 30%. Future users of recycled water include Warner Brothers, I-5 Freeway, Hollywood Burbank Airport, Burbank Community Garden, and Marriot Hotel. Burbank also has exchange agreements with Glendale and LADWP for use of recycled water.

Potable reuse is being considered for the future. Recycled water will become a larger part of Burbank's water portfolio. However, Direct/Indirect Potable Reuse is not economically feasible at present.

**2. Technical Topic: Pilot Testing Water Recovery from RO Concentrate Generated During Potable Reuse: Research Experience at Orange County Water District** (*Megan Plumlee*)

Orange County Water District (OCWD) manages the Orange County Groundwater Basin, providing groundwater to 19 municipal and special water districts that serve 2.4 million customers in north/central OC. The Basin currently supplies 77% of the water supply for north/central OC. The sources of replenishment water for the Basin include imported water, stormwater, river base flows, incidental recharge, and the Groundwater Replenishment System (GWRS). OCWD manages 1200 acres of recharge facilities and approximately 300,000 AFY of recharge into the Basin.

GWRS is the largest potable reuse facility in the world, producing 100 MGD of high purity water, treating secondary effluent from Orange County Sanitation District using microfiltration, RO, UV/AOP, and post treatment stabilization. GWRS is undergoing its final expansion. After the final expansion is complete, 23 MGD of RO concentrate will be discharged to the ocean. The RO concentrate is a potential additional future source for GWR. Adding an RO concentrate treatment facility could increase the overall GWRS production and lower the volume of reject water discharged to the ocean outfall from 23 MGD to about 14 MGD.

Approximately 18 months of pilot testing has been completed at OCWD and additional pilot studies are ongoing. The costs of RO concentrate treatment is estimated about the same as the cost of imported water, \$1,100/AF.

3. **Water Recycling Legislative/Regulatory Updates** (*Raymond Jay/MWD*)

Drought

- The majority of California is in emergency drought, with exception of some southern CA counties. The state enacted 15% voluntary conservation. Metropolitan adopted a Water Supply Alert which alerts member agencies to start implementing their Drought Contingency Plans. Metropolitan's Water Supply Conditions Report is available online.
- 2022 Water Supply Conditions as of January 31, 2022: Currently we are at 100% of normal in both the SWP and Colorado River areas.
- SWP allocation has been increased to 15% for 2022

California Legislation

- CA Legislative Calendar: February 18 is the last day for bills to be introduced during the current legislative session.
- SB 45 (Portantino): CECs: Wildfire Prevention, Safe Drinking Water, Drought Preparation and Flood Protection Bond Act of 2022 including a \$5.5 billion bond, and \$100 million for water recycling where WRCA requested \$1.5 billion for recycled water projects.
- AB 1500 (Garcia): Safe Drinking Water, Wildfire, Drought, Flood Protection, and Workforce Development Bond Act of 2022 including a \$6.7 billion bond and \$300 million towards water recycling.
- AB 1434 (Friedman): Urban water use objectives: indoor residential water use where indoor water use requirements are lowered from the current 55 gpd to 44 gpd by 2030. This bill has been amended, by 2023 to 55 gpd
- SB 230 (Portantino): SWRCB: Constituents of Emerging Concern Program
- SB 832 (Dodd): New water rights bill for measurement and reporting of diversions over 10 AF
- AB 1001 (C. Garcia): New CEQA bill that requires mitigation in disadvantaged areas

California Budget and RW Funding

- Governor's FY22-23 Budget proposes \$1.63B for drought and water resilience. Updates are expected in May with final budget by June 15, 2022.
- \$400M for recycled water and groundwater recovery
- \$100M for PFAS support
- WRCA is requesting \$750M for recycled water in FY22/23.

Regulatory Update

- Title 17 Cross Connection Control Handbook – includes use of swivel-ell; under evaluation by DDW; adoption date uncertain; second public comment and public hearing TBD

- WUE Implementation – recycled water variances and potable use credit workshop scheduled; potential variances for recycled water with >1000 mg/l TDS (which will not be applicable for many agencies in the Los Angeles area); proposed adoption in Spring 2022; comments are still being accepted through 2/11/22.
- RW Volumetric reports are due at the end of April
- DPR Draft Regulations Update – WRA made comments to express concerns in letter submitted on June 25, 2021; expert panel was convened January 26, 2022; DDW will be providing flexibility to the treatment system and for operator requirements

#### Federal Update

- Bipartisan infrastructure package and reconciliation package update. There is \$1B set aside for western recycled water, for both Title 16 and large-scale grant program. WRA is pushing for another \$1Billion in the reconciliation package.
- \$48 billion for nationwide programs
- Reauthorizes Alternative Water Source Grants.
- Establishes federal interagency water reuse group.
- \$1.75B Build Back Better did not pass.

#### **4. Regulatory Agency Update**

##### **a. State Water Board Division of Drinking Water Programs** (*Scott Miller*)

- Direct Potable Reuse (DPR): No update.
- Onsite Non-Potable Reuse (NPR): DDW RW unit listserve; DDW onsite NPR listserve. Scott will send links for how to sign up for these to Judi, to send out to the group.

##### **b. Los Angeles Regional Water Quality Control Board** (*Steven Webb*)

- No updates

##### **c. LA County Department of Public Health**

- No updates.

#### **5. California State Section Update** (*Rafael Villegas*)

- Last WaterReuse CA Board of Trustees Meeting on February 4, 2022. Next Trustee Meeting scheduled for May 13, 2022.
- Financial Report
  - 2022 Revised Budget adopted. Will be making changes to future conferences in order to lower expenses
  - PPP Loan forgiveness was granted
- Managing Director Report
  - WRCA will be following up with the 60 members that still have outstanding dues
- Communications Collaborative Group:

- Meeting occurred on December 9, 2021, and included a panel discussion on LA Region’s water reuse future, as well as WRF Study on CEC Removal by Ozone/BAC
- Executive Director’s End of Year Report
  - Paul Sciuto joined the national board
  - WRCA provided support for national Symposium in San Antonio
- WRA Strategic Planning Session in March 2022 at Symposium
- Recycled Water Statewide Mapping Project Update
  - Special project from the 2022 WRCA Strategic Plan that will be implemented by California State University Sacramento to identify all of California’s Title 22 projects
- 2022 WaterReuse Symposium March 6-9, 2022 in San Antonio Texas.

**6. Chapter Updates** (*Judi Miller*)

- The October 2021 Meeting Summary was approved.
- Emerging Professionals Committee Update (*Alex Waite*)
  - Walking tour of the Hollywood Reservoir was a great success! Please contact Alex with any ideas for additional events or tours
- Membership Committee Update (*Everett Ferguson*)
  - Working on goals and objectives
- Technical Topics Committee (*Alex Franchi*)
  - Please contact Alex with any ideas for topics and speakers

**7. Membership Roundtable** (*Jared Lee*)

- The Membership Roundtable is an opportunity for agencies to share their accomplishments and challenges with, or seek input from, the LA Chapter WR members.
- Hoping that April meeting will be in person. And will be seeking a lunch sponsor and host.
- Please reach out to Jared if you have any experiences converting a car wash to recycled water.

**8. Next Meetings**

- April 12, 2022 – Hybrid meeting: Host: TBD; Sponsor: TBD
- June 14, 2022 – Hybrid meeting: Host: TBD; Sponsor: TBD

**9. Adjournment** ..... 1:00 p.m.

**Los Angeles Chapter Officers for 2020/2022**

Fred Gerringer, President	626-319-1107	<a href="mailto:fgerringer@hazenandsawyer.com">fgerringer@hazenandsawyer.com</a>
Jared Lee, Vice President	626-379-8443	<a href="mailto:JLee@burbankca.gov">JLee@burbankca.gov</a>
Judi Miller, Secretary/Treasurer	213-228-8236	<a href="mailto:judi.miller@jacobs.com">judi.miller@jacobs.com</a>
Rafael Villegas, Chapter Trustee	213-367-1014	<a href="mailto:rafael.villegas@ladwp.com">rafael.villegas@ladwp.com</a>
Raymond Jay, Past-President	213-217-5777	<a href="mailto:rjay@mwdh2o.com">rjay@mwdh2o.com</a>

**Meeting Attendees**

<b>FIRST NAME</b>	<b>LAST NAME</b>	<b>ORGANIZATION</b>
Erica	Aghagholizadeh	Brown and Caldwell
Mir	Ali	SWRCB DDW
Ginachi	Amah	LA Regional Water Quality Control Board
Jenny	Anderson	Santa Clarita Valley Water Agency
Erik	Avila	LADWP
Dan	Bacani	LA County Department of Public Health
Matt	Bequette	LASAN
Nicholas	Boswell	MNS Engineers
Suzanne	Brown	LACSD
Ryan	Bye	
Susan	Chang	LASAN
Lauren	Collins	Eurofin
Grace	David	LADWP
Fred	Gerringer	Hazen and Sawyer
Preeti	Ghuman	LACSD
Jesus	Gonzalez	LADWP
Karina	Gonzalez	LASAN
Cory	Heggtveit	Tetra Tech
Jaime	Herrera	
Bob	Huizenga	Burbank Water and Power
Jennifer	Jacobus	Rincon
Raymond	Jay	Metropolitan Water District of Southern California
Darrell	Johnson	Las Virgenes Municipal Water District
Kristin	Kale	Brown and Caldwell
Jared	Lee	Burbank Water and Power
Joyce	Lehman	Metropolitan Water District of Southern California
John	Lockett	LADWP
Scott	Lynch	West Yost Associates
Shannon	Maceiko	Metropolitan Water District of Southern California
Judi	Miller	Jacobs
Scott	Miller	SWRCB DDW

FIRST NAME	LAST NAME	ORGANIZATION
Monica	Morales	Jacobs
Aide	Ortiz	SWRCB DDW
Brianna	Plancarte	LADWP
Megan	Plumlee	Orange County Water District
Abraham	Razon	LASAN
Julie Ann	Robinson	Glendale Water and Power
Janet	Samala	LASAN
Kevin	Stewart	LADWP
Dawn	Taffler	Kennedy Jenks
Dean	Tak	
Du	Tran	
Rafael	Villegas	LADWP
Alex	Waite	Brown and Caldwell
Dean	Wang	Long Beach Water
Steven	Webb	LA Regional Water Quality Control Board
Allison	Wilcox	
Kimberly	Wilson	Metropolitan Water District of Southern California
Bob	Yamaguchi	Walnut Valley Water District
Graciela	Zapata	Glendale Water and Power
Alex	Zaragoza	Rowland Water District

**TOTAL: 51**