

Meeting Agenda

February 14, 2023

11:30 a.m. – 1:00 p.m.



Location: Los Angeles County Sanitation Districts

Joint Administrative Offices

1955 Workman Mill Road

Whittier, CA 90601

For virtual participation, please connect to the Zoom meeting via the following link:

<https://us02web.zoom.us/j/83433649270>

Meeting ID: 834 3364 9270

The mission of Los Angeles Chapter of the WaterReuse Association is to enhance the resiliency and sustainability of Los Angeles County by increasing the safe, beneficial use of recycled water. Its objectives shall be to promote water reclamation and recycling as a sustainable supplemental source of water for the state; to work for the adoption of legislation and regulations that allow the safe use of recycled water; to facilitate the development of technology aimed at improving water recycling; to promote legislation that would increase funding for water recycling projects; to provide mutual assistance and support between and among Chapter members involved with water recycling projects; and to increase public awareness and understanding of related water problems and solutions.

Lunch.....11:00 a.m.

Thank you to our lunch sponsor, Brown & Caldwell!

Welcome, Introductions and Instructions..... 11:30 a.m.

1. Host & Technical Topic presentation: Musings of a Recycled Water Guru: Lessons Learned from 41 Years in the Recycled Water Industry (*Earle Hartling/formerly LACSD*)
2. Water Recycling Legislative/Regulatory Updates (*Raymond Jay*)
3. California State Section Update (*Rafael Villegas*)
4. Chapter Updates (*Jennifer Jacobus*)
 - a. December 2022 Member Meeting Summary
 - b. Volunteer Opportunities
5. Membership Roundtable (*Alex Waite*)
6. Next Meetings
 - April 11, 2023 – Host & Sponsor: Los Angeles Department of Water and Power
 - June 13, 2023 – Host: Water Replenishment District of Southern CA; Sponsor: TBD
 - August 8, 2023 – Host: TBD; Sponsor: TBD
7. Adjournment 1:00 p.m.
8. Tour of San Jose Creek WRP 1:15 p.m.

Los Angeles Chapter Officers for 2023/2024

Jared Lee, President	626-379-8443
Alex Waite, Vice President	424-399-6733
Jennifer Jacobus, Secretary/Treasurer	213-448-2586
Rafael Villegas, Chapter Trustee	213-367-1289
Fred Gerringer, Past President	626-319-1107

JLee@burbankca.gov
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jjacobus@rinconconsultants.com
rafael.villegas@ladwp.com
fgerringer@hazenandsawyer.com

Lessons Learned from Four Decades as a Recycled Water Guru

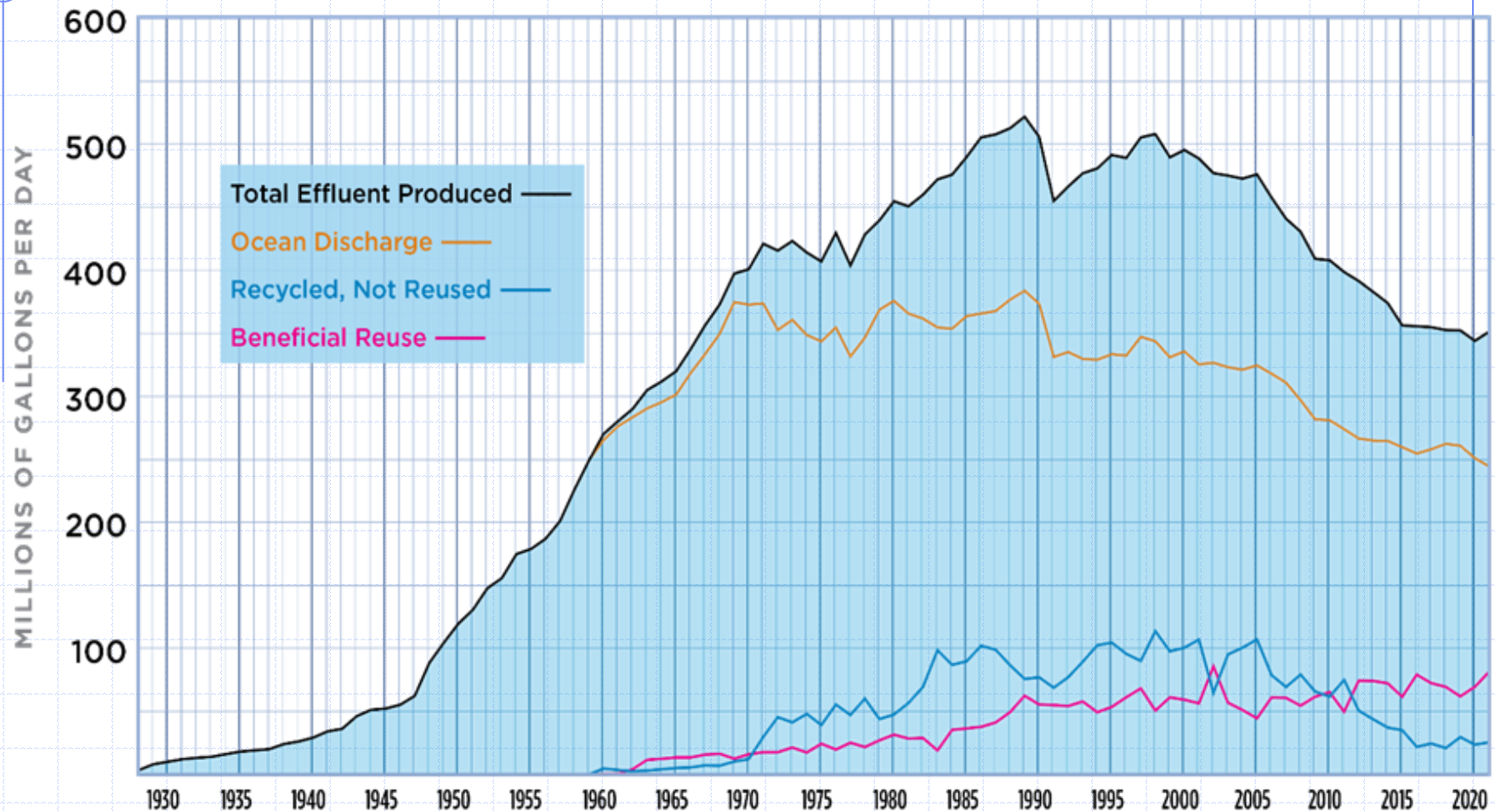
Earle C. Hartling

Water Recycling Coordinator (Ret.)

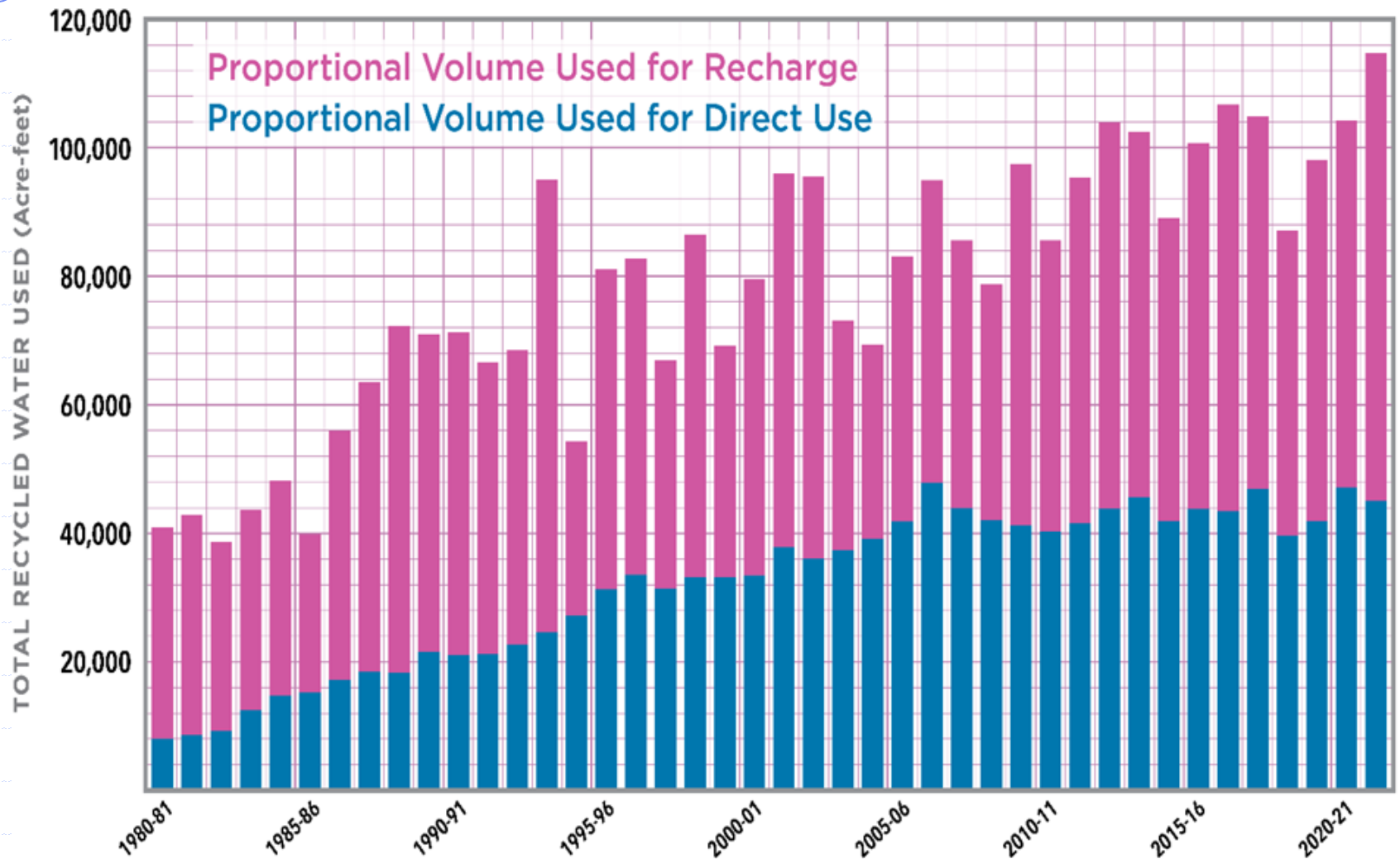
Los Angeles County Sanitation Districts



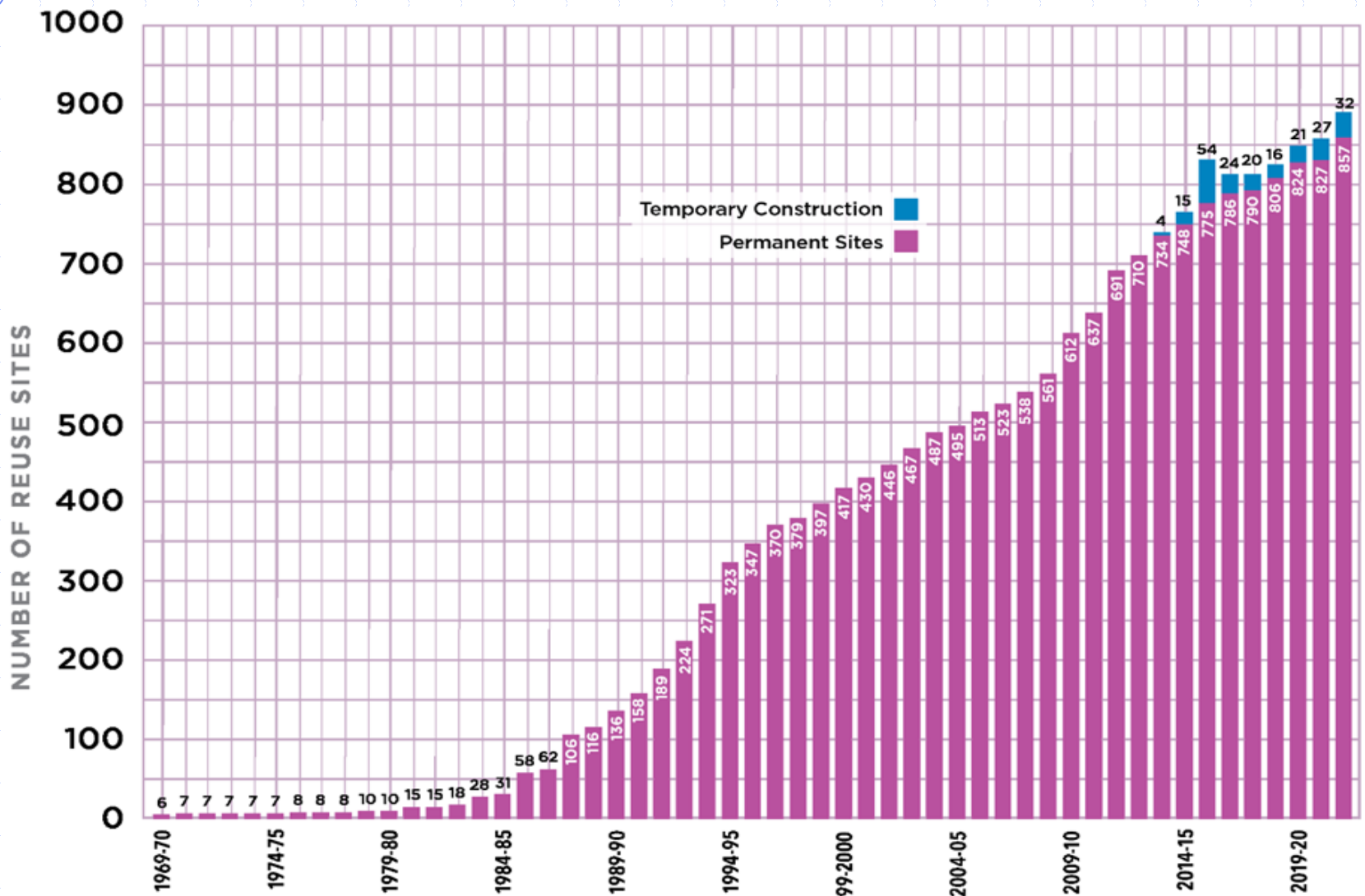
Reclamation/Reuse vs. Discharge



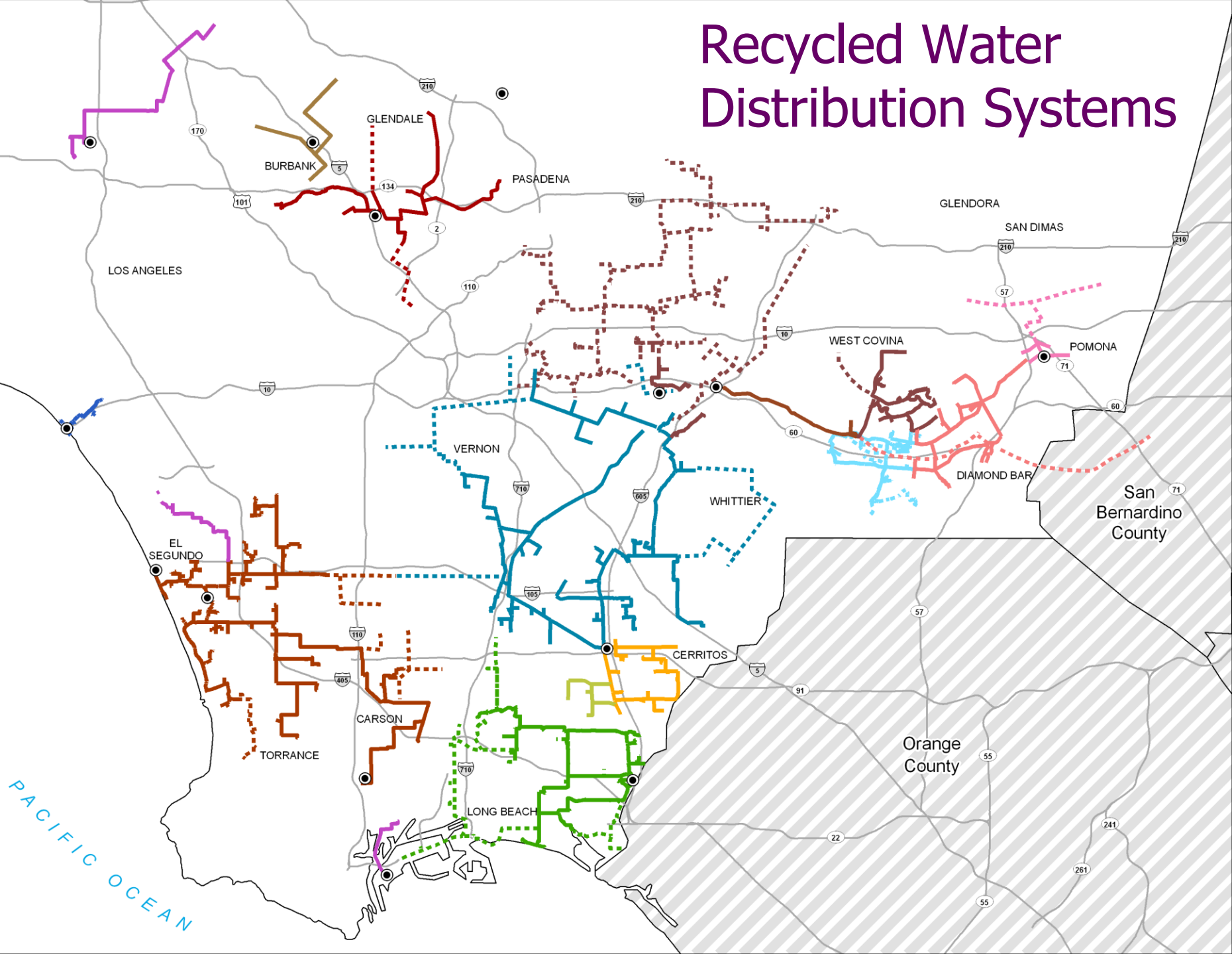
Historic Amounts Reused



Increase in Number of Reuse Sites



Recycled Water Distribution Systems



LESSON #1

Form Coalitions

◆ George Ohara, LA
Bureau of Sanitation

◆ Bahman Sheikh,
LA Office of Water
Recycling

◆ Hoover Ng, LADWP

◆ Don Froelich,
City of Glendale

◆ Jim Van Camp,
City of Long Beach

◆ Leighton Fong,
City of Burbank

◆ Marsha Eubanks,
Las Virgenes MWD

◆ Tom Love, Central &
West Basin MWDs

◆ Ray Mohktari, MWD

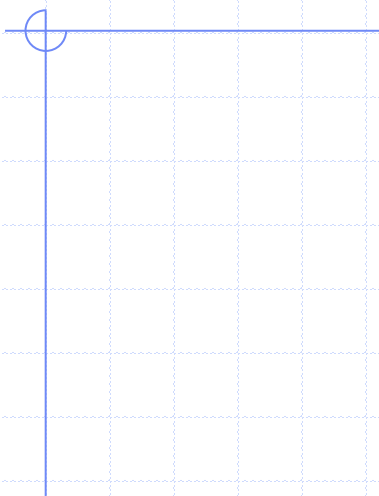
◆ Feroze Kanga, DWR

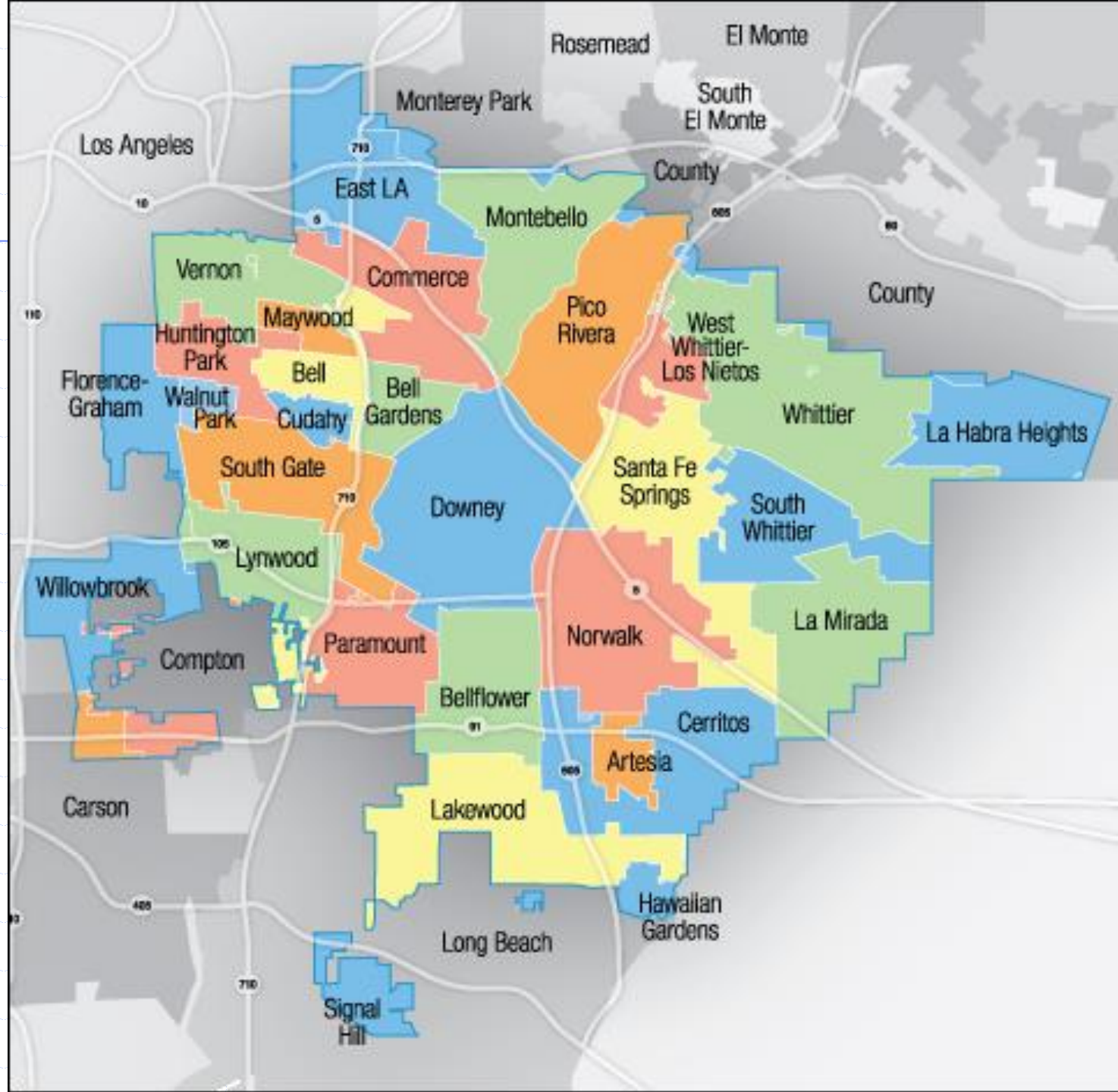
◆ Earle Hartling,
LACSD

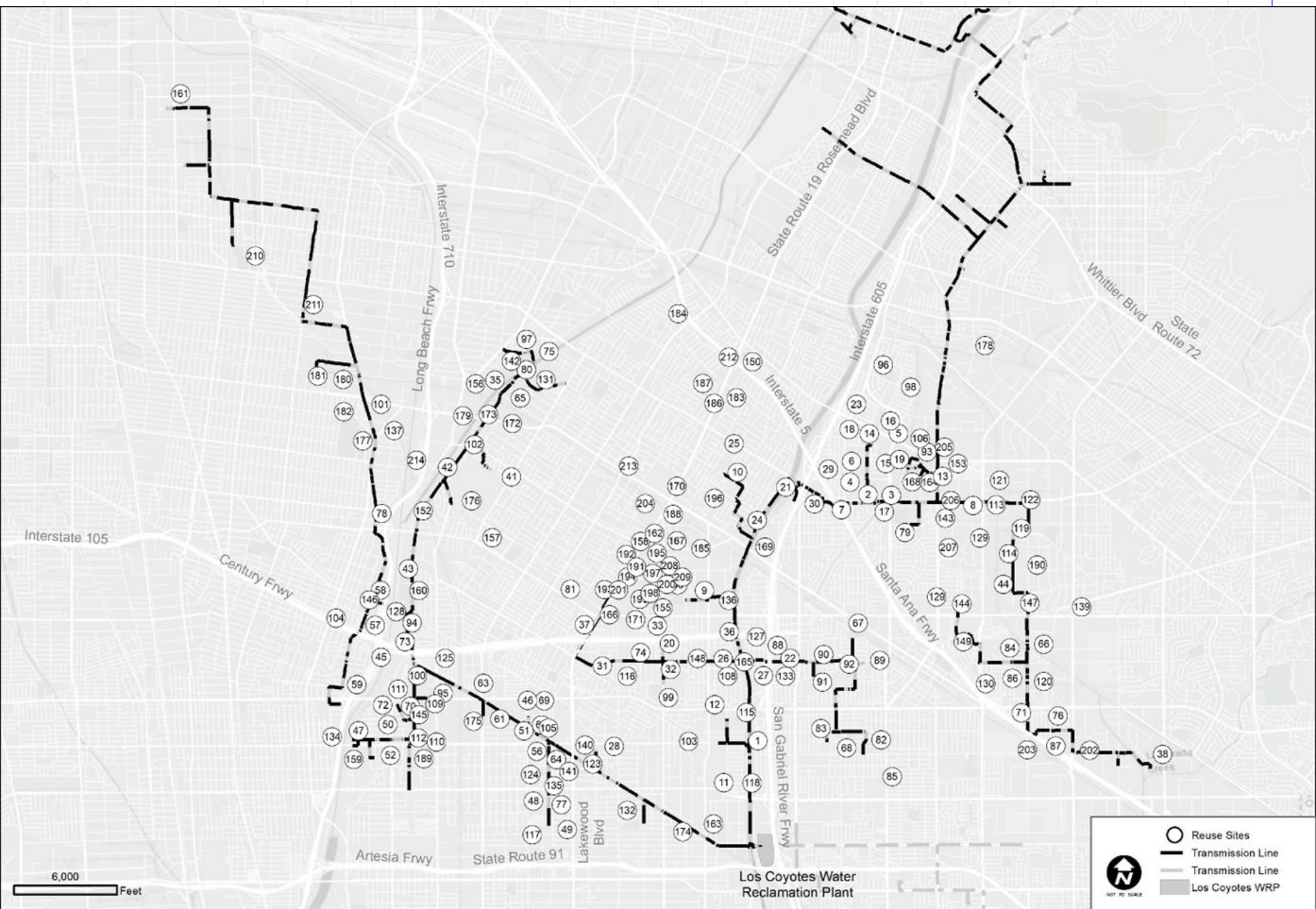


Los Angeles County Reclaimed Water Advisory Committee

L
A
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R
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C







LESSON #2



Don't Back Down



Project faces more delay

'Toilet to tap'

under fire

water plan

IRVINDALE

Miller Gives \$11,000 to PAC Fighting Use of Reclaimed Water

Miller Brewing Co., which is fighting the use of the ground water plant, political action committee (PAC) has contributed \$11,000 to keep treated water that supplies the brewery from being used for drinking water. The action committee is the only one of its kind in the area, and it is fighting the use of reclaimed water. The water could be used for drinking water and as the base for beer.

12/12/94

MAKING WAVES

Brewery finds allies in opposing sewage water recycling project

Mountjoy bill would impede San Gabriel Valley Water Reclamation

Brewer's win could doom water project

Reclaimed water use opposed

Major battle brewing over purification

Miller challenging methods used in water recycling

Sewage-to-Drinking-Water Plan Hits Snag

Miller Brewing fights use of reclaimed water

By Tony Knight
Daily News Staff Writer 11-6-95

Miller Brewing Co. officials were horrified when a San Gabriel Valley water district proposed pumping reclaimed sewage water into sandy basins in Irwindale within a mile of the brewery's water wells. The water district wanted to increase drinking water supplies by letting the water seep into the aquifer. But the prospect of having "Bottled Beers" with reclaimed water was a deal breaker, Miller executives said.





G | W | R | S

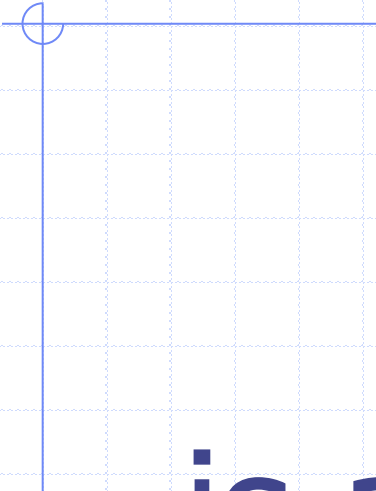
GROUNDWATER REPLENISHMENT SYSTEM







LESSON #3



No Idea
is a Good Idea until
it's the Boss's Idea



PURE WATER

SOUTHERN
CALIFORNIA





Adel Hagekhalil
General Manager
Metropolitan Water District



Robert C. Ferrante
General Manager
Los Angeles County Sanitation Districts



QUESTIONS?



WateReuse California LA Chapter Meeting

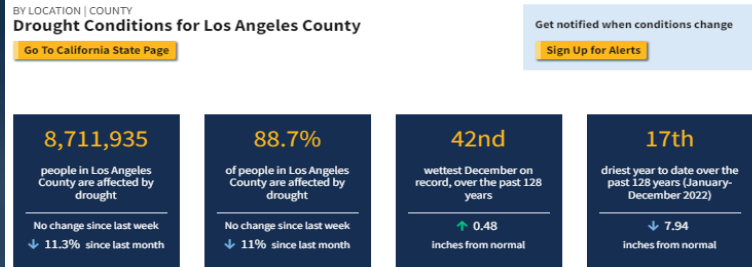


February 14, 2023

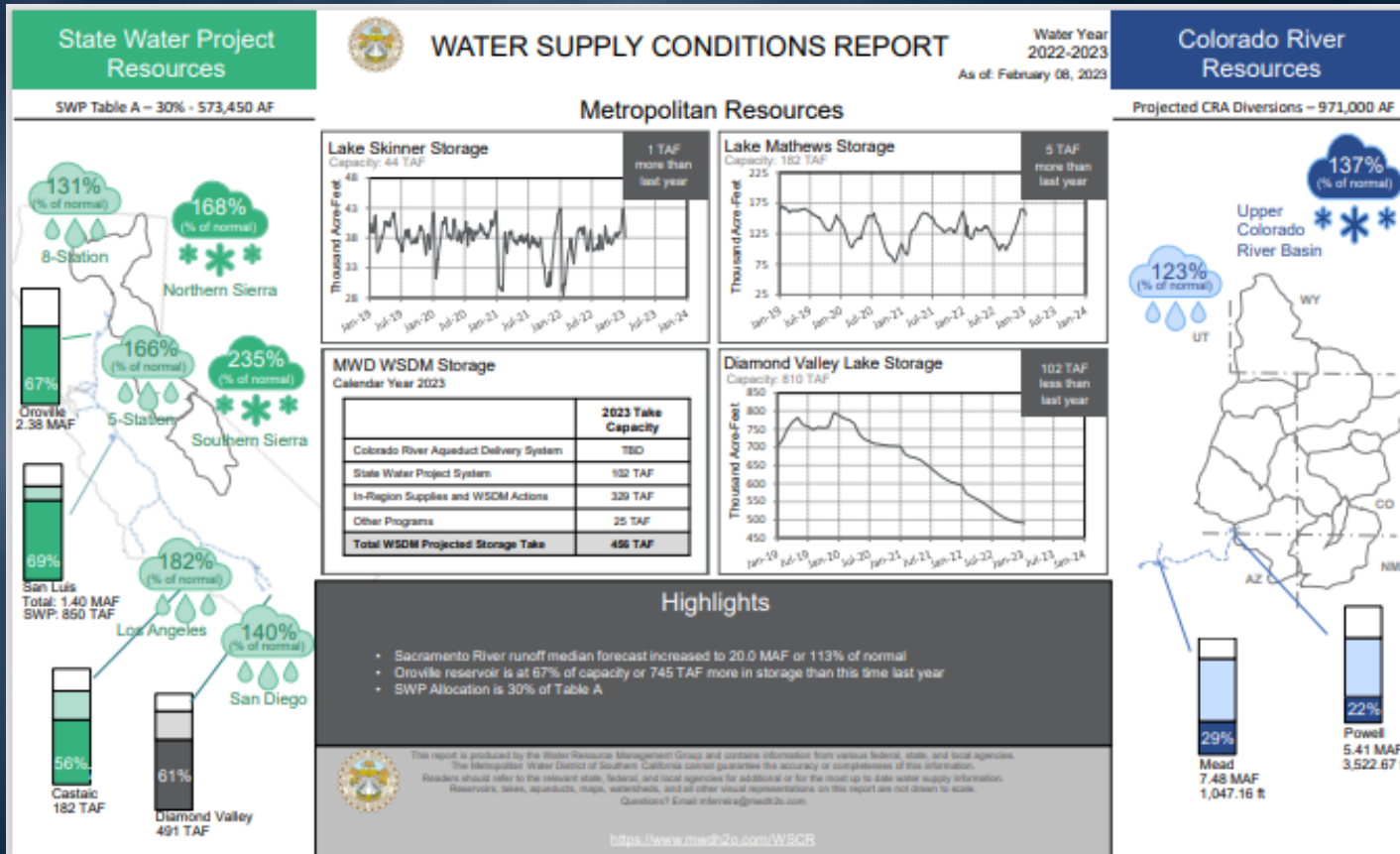
Legislation & Regulation Update

Raymond Jay
Metropolitan Water District of Southern California
(213) 217-5777 or rjay@mwdh2o.com

Water Supply Conditions



SWP allocation = 30%



https://www.bewaterwise.com/water_supply_conditions/water_supply_conditions.pdf

2023 California Legislative Calendar

- Jan. 1 Statutes take effect
- Jan. 4 Legislature reconvenes
- Jan. 10 Governor submits budget to Legislature
- Feb. 17 Last day for bills to be introduced
- Apr. 28 Last day policy comm. to report fiscal bills
- May 5 Last day fiscal comm. to report fiscal bills
- June 2 Last day for bills to pass house of origin
- June 15 Last day to pass budget
- Sept. 14 Last day for any bill to be passed
- Oct. 14 Last day for Governor to sign or veto bills
- See: <http://assembly.ca.gov/legislativedeadlines>


2022 Water Legislation Outcome

- SB 1157 (Hertzberg): Hertzberg. Urban water use objectives: indoor residential water use; WRCA = neutral after amendments; Approved by Governor & Chaptered 9/28/22
- SB 991 (Newman): Public contracts: progressive design-build: local agencies; WRCA = Support; Chaptered 9/02/22
- SB 230 (Portantino): SWRCB: Constituents of Emerging Concern in Drinking Water Program; WRCA = Support; Approved by Governor & Chaptered 9/28/22
- AB 2247 (Bloom) PFAS disclosure; Amended to intentionally added PFAS; WRCA = Support; Enrolled & sent to Governor 09/12/22; Vetoed by Governor 9/29/22
- <https://watereuse.org/sections/watereuse-california/legislativeregulatory-committee/>

2023 Water Legislation Introduced

- ACA-2 Public resources: Water and Wildfire Resiliency Act of 2023
- AB 221 (Ting): Budget Act of 2023
- SB 72 (Skinner): Budget Act of 2023
- SB 231 (Hurtado): Drought modeling
- SB 366 (Caballero): The California Water Plan: long-term supply targets
- <https://watereuse.org/sections/watereuse-california/legislative-regulatory-committee/>

California Legislation: water recycling



California
LEGISLATIVE INFORMATION

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Bill Search

Text Search

Advanced Search

Bill Number:

Session Year:

Keyword(s):

House:

Author:

For a phrase: "Surround it with Quotes"

Statute Year:

Code:

Chapter Number:

Code Section:

Bills Returned: 89

Bills Displayed: 1 - 10

Page 1 of 9 pages

[SB-353](#) » - Author: dodd
...: **recycling**. (1) The California Beverage Container **Recycling** and Litter Reduction Act, of which...

[SB-231](#) » - Author: hurtado
... facilities, **water** conservation, **water recycling**, desalination, conjunctive use, **water** transfers...

[ACA-2](#) » - Author: alanis
... to, **water** supply projects, **water** conveyance projects, **water recycling** projects, flood safety projects...

[AB-407](#) » - Author: chen
... **Water** Act (33 U.S.C. Sec. 1251 et seq.), including wastewaters at facilities that have eliminated...

https://leginfo.legislature.ca.gov/faces/billSearchClient.xhtml?session_year=20232024&keyword=water%20recycling&house=Both&author=All&lawCode=All

Water Reuse Funding for 2023

WaterReuse California Secures Landmark Water Reuse Funding

Funding Breakdown:

Competitive statewide recycling grant program (FYs 2021-23) (Appropriated by legislature)	\$315 million
Competitive statewide recycling grant program for potable reuse (FY 2023-24) (needs to be appropriated in FY23-24 budget)	\$210 million
Earmarks	
Pure Water San Diego	\$50M (FY 2021-22 budget)
Metropolitan Water District of Southern CA - Regional Water Recycling	\$80M (FY 2022-23 budget)
City of Ontario-Euclid Ave Recycling Project	\$10M (FY 2022-23 budget)
Total 2021-2024:	\$665 million

Regulatory Update

● Direct Potable Reuse Regulations

- SWRCB to adopt regulations by December 31, 2023
- Expect Public comment period in Spring 2023

https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/dpr-criteria-panel.html

● Water Use Efficiency Regulations

- DWR submitted proposal to SWRCB

<https://water.ca.gov/Programs/Water-Use-And-Efficiency/2018-Water-Conservation-Legislation/Urban-Water-Use-Efficiency-Standards-Variances-and-Performance-Measures>

● On-Site Treatment & Reuse of Non-Potable Water

- SWRCB adopt regulations by December 1, 2022
- SWRCB rulemaking process: TBD

https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/onsite_nonpotable_reuse_regulations.html

● Cross Connection Control Handbook

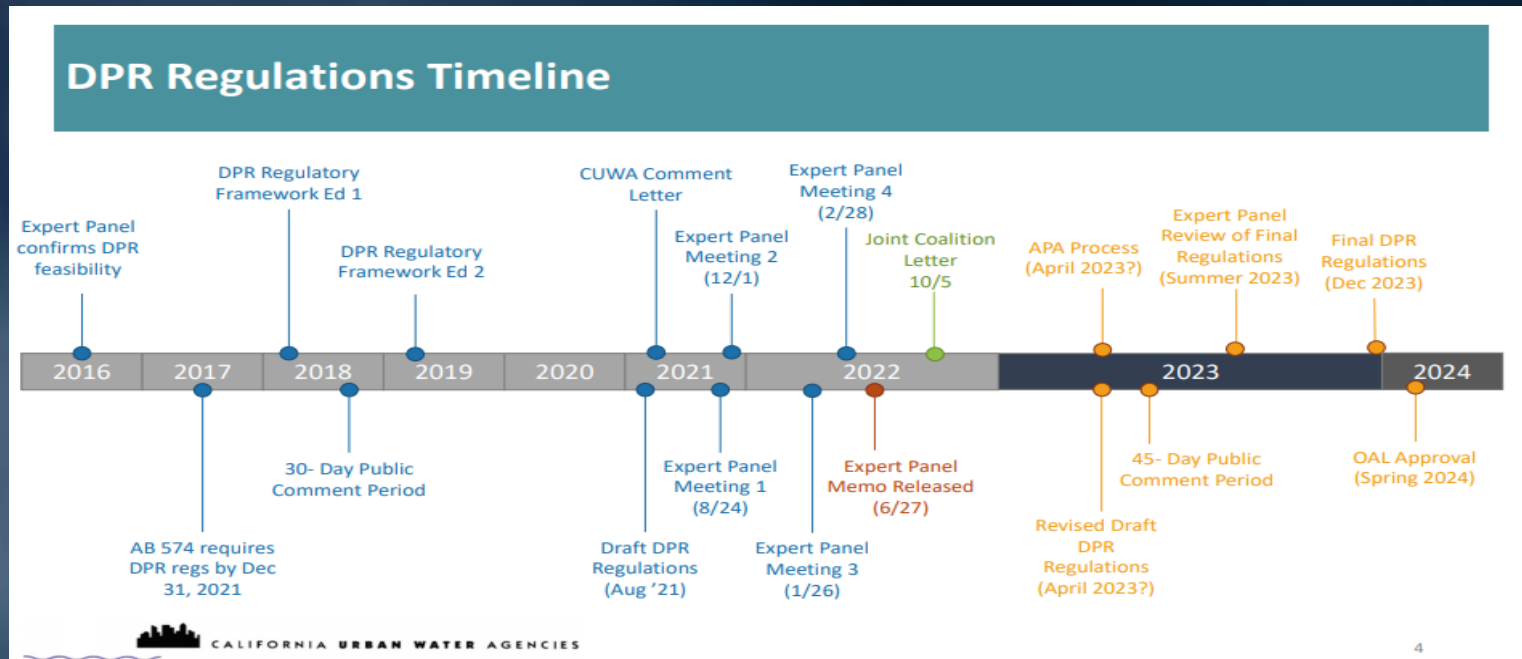
- Second comment period through December 9, 2022
- Board Adoption Meeting: TBD

https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/cccp.html

Regulatory Update

Direct Potable Reuse Regulations

https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/direct_potable_reuse.html



Potential revision to DPR Regulations

- Waivers, BAF flexibility, source control, & other changes
- Alternative clause & DiPPRA unlikely to change

Federal Update

- FY23 Appropriations
- Large Scale Water Recycling program
 - Draft guidance on Feasibility Studies released
 - Funding for Feasibility Studies open to 02/28/23
- Alternative Water Supply program
 - Letter requesting additional funding
- BABAA Waivers
 - Letter requesting additional waivers
- PFAS
 - WRA submitted comment letter

Questions?

If you have any questions, please contact:

Raymond Jay, Past President



c/o Metropolitan Water District of Southern California
700 N Alameda Street
Los Angeles, CA 90054
(213) 217-5777
rjay@mwd.h2o.com



Chapter Trustee Updates

WaterReuse LA Chapter – February 14, 2023



Last Board of Trustees Meeting: February 10, 2023



Funding Opportunities

- WaterReuse updated its monthly funding opportunities list for 2023
- Proposed \$270 Million in Recycled Water in Governor's Budget
 - WRCA to fight for grants only and will develop coalition letter
- Budget contains \$7 million for DWR to conduct a study on the impacts of the 2030 indoor water use standard (42 GPCD)

Information from 2/10/22 Mtg

- Financial Report
- PFAS Advocacy from WRA
- Potable Reuse Permitting & Compliance Committee

Chapter Trustee Updates

WaterReuse LA Chapter – February 14, 2023



Reimagining Water Together

Schedule and Technical Program are currently being continually updated.



Chapter Trustee Updates

WaterReuse LA Chapter – February 14, 2023



Sunday, March 5

The Pretreatment Program Drives the Future of One Water (**LASAN**)

Monday, March 6

Groundwater Recharge Utilizing Direct Injection of Stormwater and UR (**City of Santa Monica**)
Climate Resiliency Planning and Adaptive Design for Future Water Projects (**LASAN**)

Tuesday, March 7

Making Potable Reuse a Reality - Fit for Purpose Engineering and Piloting
(**LA SAN/Black & Veatch**)

Program Management for Utilities – Using Your Program to Drive Innovation (**LADWP**)

Ozone-BAC in California DPR Projects – There are Knowns and Unknowns (**Arcadis**)

Private-Public Collaborations for Successful Water Replenishment

(**Brown & Caldwell, Pepsi Co, WRD**)

Collaborative Development of Non-RO IPR at Marine Corps Base Camp Pendleton
(**Hazen and Sawyer**)

Chapter Trustee Updates

WateReuse LA Chapter – February 14, 2023



Registration coming soon

Register early and save!

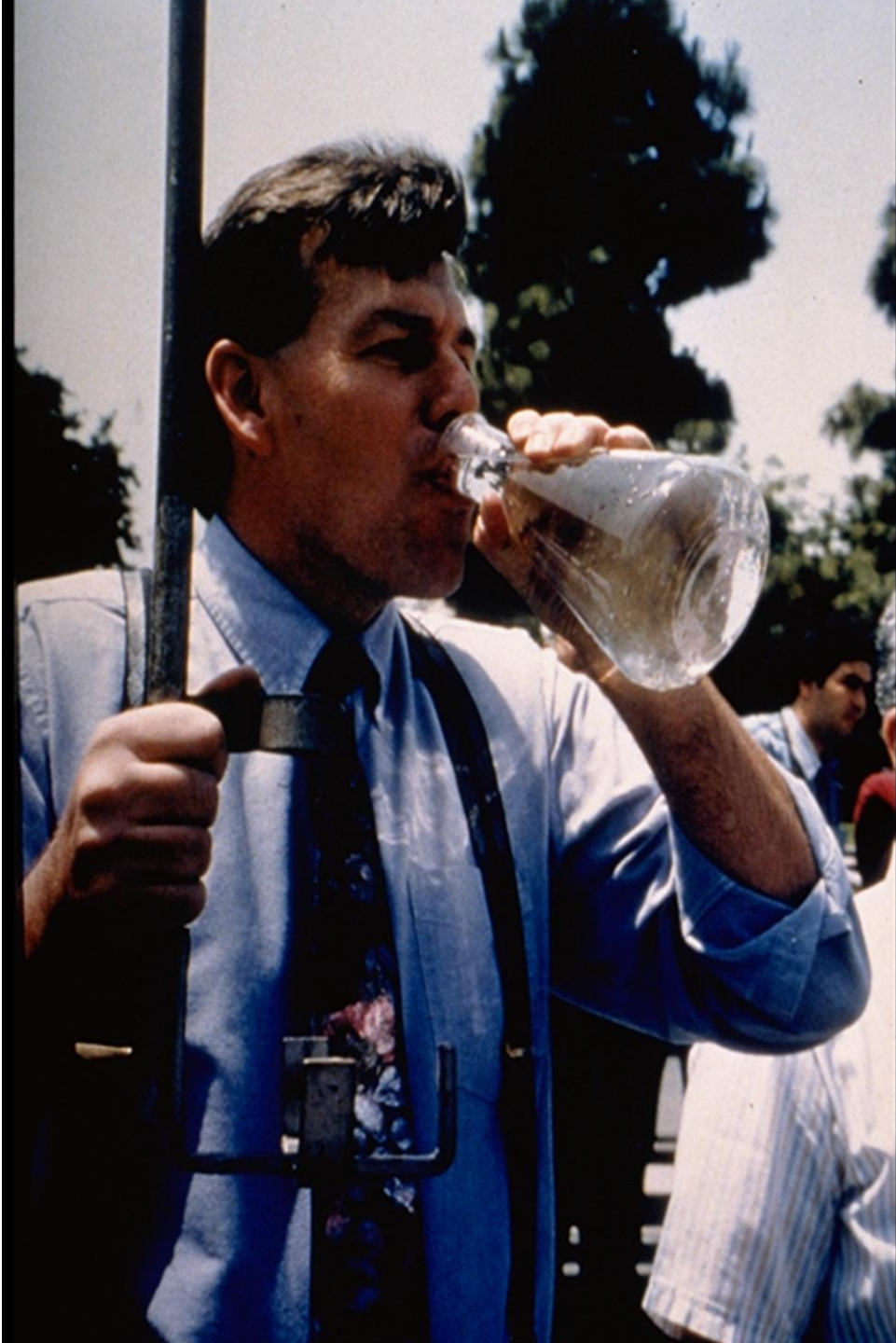


2023 WATEREUSE
CALIFORNIA
CONFERENCE
INDIAN WELLS, CA • NOV. 5-7



LA Chapter Update (*Jennifer Jacobus*)

- December 2022 Meeting Summary Approval
 - Voting by one rep from each member organization
- Volunteer Opportunities
 - Meeting Summaries (*thank you Karina Gonzalez!*)
- Ad Hoc Urban Irrigation Manual Update Committee
 - Co-Chairs:
 - Monica Sanchez/LACSD
 - Erika Bensch/LACSD
 - Jesus Gonzalez/LADWP
- Emerging Professionals Committee
 - Chair: *Seto Cherchian*
Scherchian@BrwnCald.com
- Communications Lead
 - Chair: *Oliver Slosser*
oslosser@lvmwd.com
- Awards Champion
 - Chair: *Everett Ferguson*
eferguson@wrd.org
- Technical Topics Committee
 - Chair: *Alex Franchi*
alex.franchi@aecom.com



Membership Roundtable *(Alex Waite)*

Next Meetings

➤ Tuesday, April 11, 2023:

- Los Angeles Department of Water and Power
 - @ La Kretz Innovation Campus

➤ Tuesday, June 13, 2023:

- Water Replenishment District of Southern California
- Sponsorship opportunity

