



Wednesday, August 4, 2021
10 a.m. – 11:30 a.m.

Virtual Meeting via Zoom

Thank you for joining!

Please use the chat box or raise your hand
if you have any questions or technical issues.



Today's Agenda



Wednesday, August 4, 2021

10:00-11:30 a.m.

Zoom Meeting

Meeting Registration:

<https://ocwd.zoom.us/j/96525550070?pwd=di9wUDc3MjNKSjk3ZEtzb0xoRUFIZz09>

AGENDA

- 10:00 A.M.** **Welcome**
Rupam Soni | Metropolitan Water District
- 10:05 A.M.** **Case Study and Virtual Tour: Water Replenishment District's Albert Robles Center**
Jenn Swart | Water Replenishment District
- 10:50 A.M.** **Update from California WaterReuse Association's Managing Director**
Jennifer West | WaterReuse California
- 11:05 A.M.** **Pharmaceutical Disposal Committee Update**
Sharon Green | Los Angeles County Sanitation Districts
- 11:15 A.M.** **Media Update**
Rebecca Rubin | Soquel Creek Water District
- 11:20 A.M.** **Round Table Discussion**
Gina Ayala | Orange County Water District
- 11:30 A.M.** **Wrap Up**
Rupam Soni | Metropolitan Water District



Our Coordination Team



Rupam Soni,
Chair
Metropolitan
Water District
of Southern
California



**Patsy
Tennyson**
Katz and
Associates



Ben Glickstein
East Bay
Municipal Utility
District



Rebecca Rubin,
Vice -Chair
Soquel Creek Water
District



Gina Ayala
Orange
County Water
District



**Melanie Mow
Schumacher**
Soquel Creek
Water District

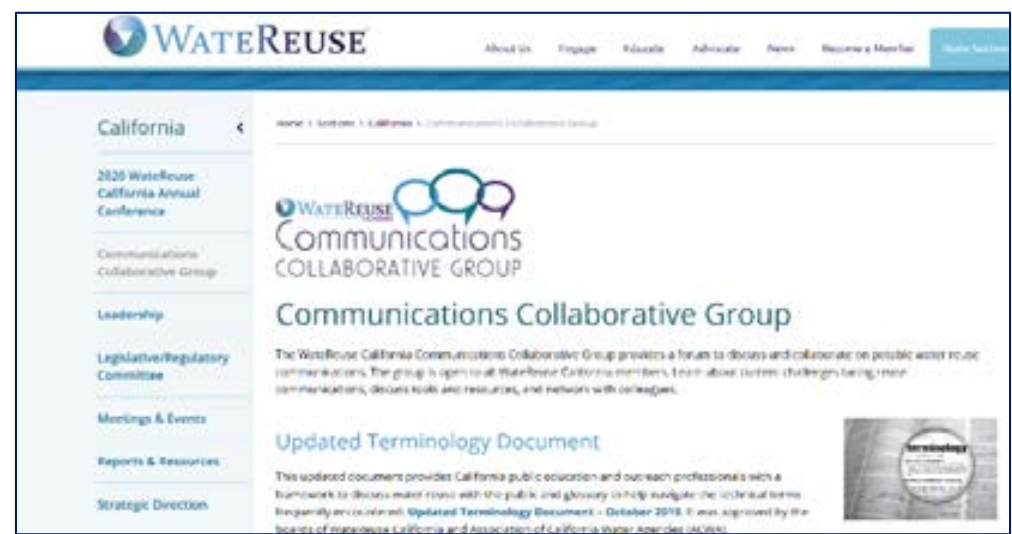


Who We Are

The WaterReuse California Communications Collaborative Group provides a forum to discuss and collaborate on potable water reuse communications.

The group is open to all WaterReuse California members and we welcome fellow colleagues to learn about current challenges facing reuse communications, discuss tools and resources, and network with one another.

<https://watereuse.org/sections/watereuse-california/communications-collaborative-group/>





Case Study and Virtual Tour:
Water Replenishment District's
Albert Robles Center



Jenn Swart,
Water Replenishment District of
Southern California

| 8/4/2021



Tour of the Albert Robles Center for Water Recycling & Environmental Learning

*WaterReuse Communications Collaborative Group
August 4, 2021*

SECURING OUR WATER FUTURE TODAY

WRD is a special government district that manages groundwater



LOCAL WATER DEMANDS



50% supplied from groundwater wells



50% supplied by imported water



WRD replenishes the groundwater basins that supply 50% of demand



WRD SERVES:
420 sq. miles, 43 cities, 4 million residents

WRD delivers water to two LA County Public Works systems



Stormwater



Recycled Water



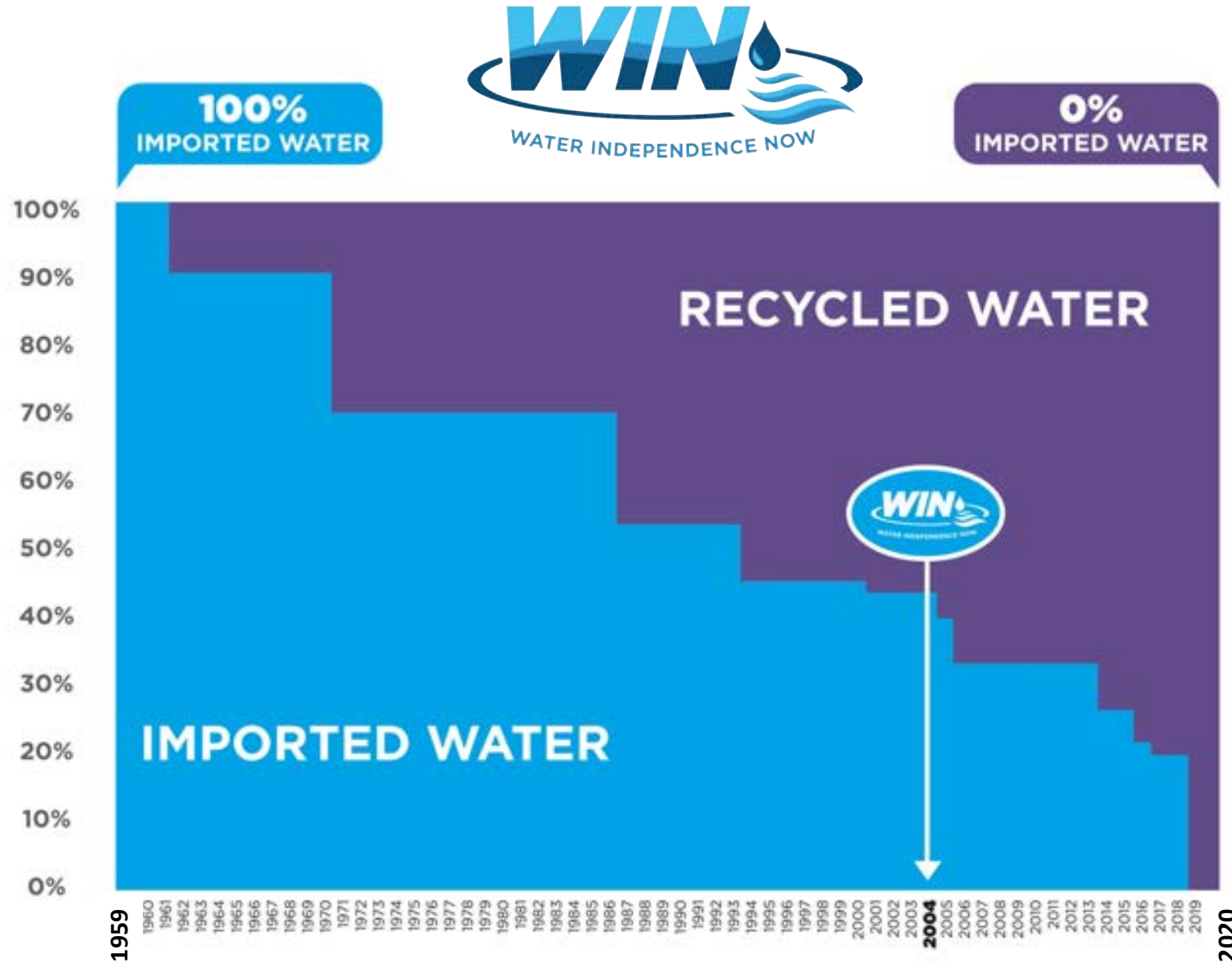
Spreading Grounds



Injection Wells



Early after its formation, WRD began championing recycled water



The Albert Robles Center is the cornerstone of WIN



The ARC facility includes three components



WRD hosted a community design charrette to get input early on



This paved the way for the Learning Center and the Demonstration Gardens



The ARC Field Trip program began in January 2020



Live walking virtual tours are facilitated through handheld, wireless devices



Video Stabilizer / Gimbal
DJI Osmo Mobile 3
\$125



Bluetooth Headset
\$25



Speed Test / speedtest.net
Upload speed of at least 5-10 mbps

Virtual tours are given using Esri Storymaps

The screenshot displays the 'ARC Virtual Tour' interface. At the top, there are navigation tabs: 'About WRD', 'ARC Overview', 'ARC Tour: Advanced Water Treatment Facility' (which is selected), 'ARC Tour: Green Infrastructure', and 'ARC Tour: Learning Center'. The WRD logo is in the top right corner. Below the tabs, the title 'ARC Tour: Advanced Water Treatment Facility' is shown, followed by the subtitle 'Follow the water molecule as it makes its way through the advanced water treatment process!'. The main content area features a 3D aerial map of the water treatment facility with numbered markers (1-16) indicating different stages of the process. A detailed view of the 'Reverse Osmosis (RO)' stage is shown in a pop-up window, including a 3D rendering of the RO vessels and a text box explaining the process: 'The heart of the advanced water treatment process is the reverse osmosis (RO) treatment which removes dissolved solids in the water. Thin, sheet-like membranes are rolled up within the RO vessels and water passes from the outer layers to the inner layers. The RO membranes only allow microscopic water molecules to pass through the membranes, while keeping viruses, bacteria and salts out. At ARC, there is a three-stage RO treatment process which means that the rejected concentrate is...'. At the bottom, a horizontal scroll bar contains 11 thumbnail images, each with a number and a label: 1. Tertiary-Treated Recycled Water Pipeline, 2. Diversion Structure, 3. Equalization Basin, 4. Pump Station, 5. Automatic Strainers, 6. Ultrafiltration (UF), 7. Ultrafiltration - Balcony View, 8. Reverse Osmosis (RO), 9. Reverse Osmosis - Balcony View, 10. UV/AOP Disinfection, and 11. Decarbonator.

<https://bit.ly/ARCStorymap>

This mock Q&A Zoom video also helped to highlight ARC



<https://youtu.be/ff-mfyy18LQ>

Open Discussion



WATER REUSE

CALIFORNIA

Communication Collaborative Group

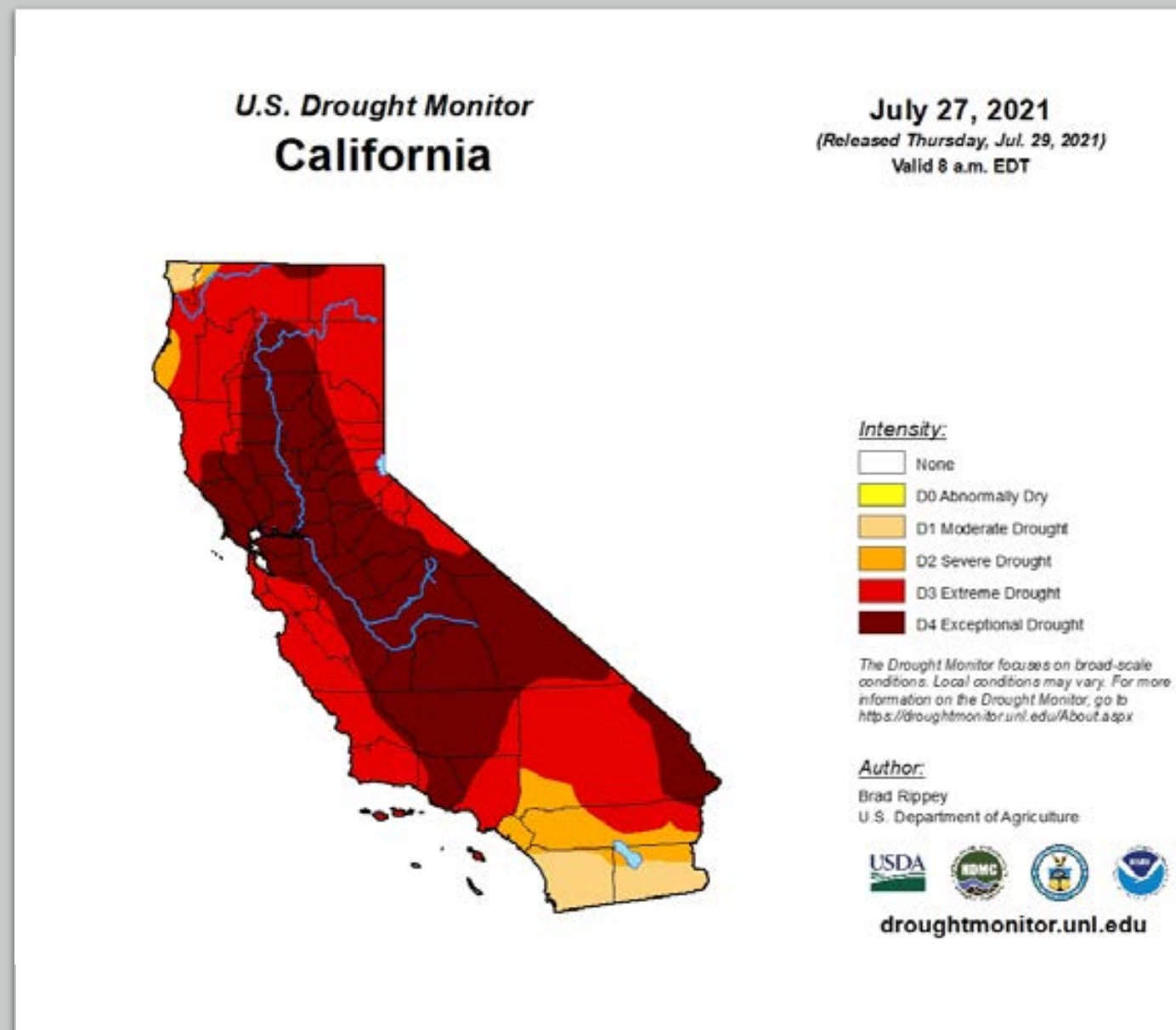
August 4, 2021

Jennifer West



Drought Package Advocacy

- Moving Target
 - \$ 5.1 billion Newsom
 - \$739 million Adopted Budget Bill
 - One or two years funding??
 - \$50 million for potable reuse in City of San Diego approved in June
 - End session deadline for action



WRCA Advocacy and Media Outreach

- WRCA-Southern California Water Coalition Video
- Legislative Letter to CA Leadership asking for \$500 million
- WRCA Editorials:
 - CalMatters
 - Napa Register
 - Desert Sun
 - Visalia Times
 - Redding Searchlight

Updating WRCA Strategic Plan (2022-2027)





New Vision Statement

- **Existing Vision Statement**

The vision of WaterReuse is to be the leading voice for reclamation, recycling, reuse and desalination in the development and utilization of new sources of high quality water.

- **Vision Statement**

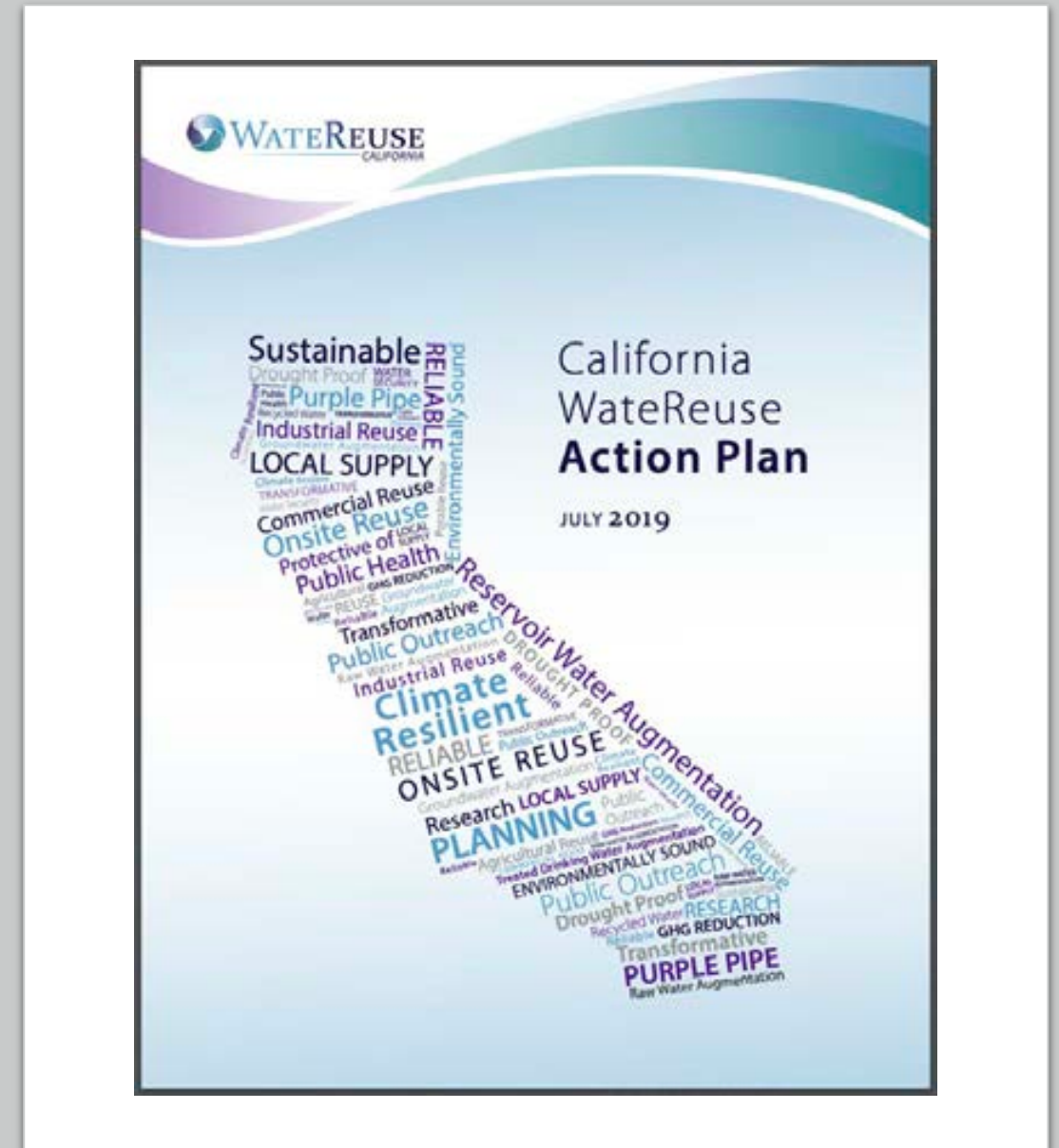
To advance water recycling as the cornerstone of a climate resilient new water supply for California.

Goals of the Strategic Plan

- **Existing Goals**
 - Industry Advocacy
 - Water Recycling Resource
 - Membership Value
 - Education Outreach
- **New Goals: All Goals to Enhance Membership Value**
 - Advance Recycled Water Policy and Funding Opportunities;
 - Modernize Governance and Organizational Structure;
 - Support and Enhance Membership Engagement Through Chapters and Strategic Partnerships;
 - Develop and Promote California Water Recycling Resources;
 - Maintain and Grow WRCA Finances.

Advance Recycled Water Policy and Funding

- Using Action Plan as Primary Guide
- Updating Periodically



Modernize
Governance &
Organizational
Structure



Supporting and Enhancing WRCA Chapter Activities



Developing CA Recycling Resources

Listing of all recycling projects in state: potable and non-potable

Trends, uses and analysis of California projects

State comprehensive funding opportunities list

Maintain and Grow WRCA Financial Resources





2021 WaterReuse California
ANNUAL CONFERENCE
SEPT 19-21, 2021 • LOS ANGELES

**BUILDING A RESILIENT
FUTURE TOGETHER**

Questions?



Pharmaceutical Management Subcommittee



Sharon Green,
Los Angeles County Sanitation Districts

8/4/2021



National Water Reuse Action Plan Action 2.9 & Outreach Needs Subcommittee

Sharon Green, Action Leader

August 3, 2021





National Water Reuse Action Plan



Environmental Topics

Laws & Regulations

About EPA

Search EPA.gov



Water Reuse and Recycling

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A Year of WRAP Implementation: Update on Collaborative Progress

The newly released update chronicles many of the highlights and successes of from the past year of WRAP implementation. [Access a copy of it here.](#) To view the accompanying "Resilience through Collaboration" webinar held in conjunction with the release, please [access it here.](#)



1

2

3

4

Updates on WRAP Activities

- [Click here to access a summary page of WRAP Action Activities](#), featuring recent and upcoming highlights.
- [Click here to access the WRAP Quarterly Update](#), summarizing recent progress of WRAP actions.



WRAP Online Platform



Environmental Topics

Laws & Regulations

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Water Reuse

National Water Reuse Action Plan: Online Platform

The Online Platform contains the most up-to-date information on WRAP actions that represent the collaborative efforts of more than 100 partner organizations. WRAP actions seek to advance the consideration of reuse to improve the security, sustainability, and resilience of our nation's water resources, especially in the face of a changing climate. This platform aims to help interested parties identify opportunities to join in collective action and contribute their expertise to the effort. EPA invites the contributions of both new and current partners to continue to expand the content and ambitions contained within this Action Plan.

This platform contains the proposed, active, and completed actions in the WRAP. Through communication with action leaders, the information is updated weekly to convey progress, including completion of implementation milestones, new entities collaborating on actions, and links to relevant action outputs.

Water Reuse Related Links

- [Water Reuse Home](#)
- [National Water Reuse Action Plan](#)
- [Lifecycle of a WRAP Action](#)
- [Join the Effort](#)
- [Undeveloped WRAP Actions and Ideas](#)



<https://www.epa.gov/waterreuse/national-water-reuse-action-plan-online-platform?action=2.9>



WRAP Action 2.9

Align Tools to Promote Best Management of Unused/Expired Pharmaceuticals

Recently updated field(s): Milestones 1, 4-8

Align Policies and Communication Tools to Promote Best Management of Unused and Expired Pharmaceuticals to Support Water Reuse and Recycling (Action 2.9)

Action Attributes

Action Team

Implementation Milestones

Outputs and References

Action Attributes

Strategic Theme Area: Policy Coordination

Status: Active

Action Leaders and Key Contact:

Sanitation Districts of Los Angeles County (LACSD)

Sharon Green

sgreen@lacsdc.org

Description: This action is intended to help reduce the concentrations of pharmaceuticals in surface and groundwater. Recommend consistent messaging used by federal agencies and key stakeholders regarding the safe and proper disposal of unwanted pharmaceuticals by household consumers. Updated communication tools will be created with the dual goals of





WRAP Action 2.9

Description: This action is intended to help reduce the concentrations of pharmaceuticals in surface and groundwater. Recommend consistent messaging used by federal agencies and key stakeholders regarding the safe and proper disposal of unwanted pharmaceuticals by household consumers. Updated communication tools will be created with the dual goals of preventing diversion of leftover medications, while protecting the quality of recycled water by preventing pollution of surface and groundwater.



Overview of the Action

- Milestones developed to capture different components of the effort
- Compiled messaging by different entities
- Disconnect between entities working on disposal of unwanted pharmaceuticals & water/recycled water agencies
- Want to determine communications needs for water recycling agencies about pharmaceuticals in recycled water and if “Flush List” is of concern.



Some Questions the Outreach Subcommittee Hopes to Answer

- Does the public ask about pharmaceuticals in recycled water?
- Do recycled water agencies talk about disposal options for unused pharmaceuticals?
- Do you communicate a “Do Not Flush” message?
- Do you have any of this messaging in your materials/websites? If not, why not?
- What tools do you need?



Access the survey



<https://www.surveymonkey.com/r/pharms>

Open Discussion

Recent Media



Becca Rubin,
Soquel Creek Water District

| 8/4/2021



Roundtable Discussion



Roundtable led by:
Gina Ayala,
Orange County Water District

| 8/4/2021



Open Discussion



Thank you
for
participating!

