

WRAP Online Platform



[https://www.epa.gov/
waterreuse/national-
water-reuse-action-
plan-online-platform](https://www.epa.gov/waterreuse/national-water-reuse-action-plan-online-platform)

WRAP Online Platform

- Repository for all actions (developed and undeveloped)
- Provides background and opportunities to be gained
- Identifies leaders, partners, interested collaborators
- Captures milestones and progress
- Helps form the pipeline of new actions and collaboration

The image displays three overlapping screenshots of the WRAP Online Platform interface. The top screenshot shows the 'National Water Reuse Action Plan: Online Platform' header and a list of actions under the 'Strategic Theme Area' of 'Show all'. The middle screenshot shows a detailed view of the action 'Enhance State Collaboration on Water Reuse (Action 2.2.2)', including its status, action leaders, and key contacts. The bottom screenshot shows the 'Implementation Milestones' section for the same action, listing specific milestones and their completion dates.

National Water Reuse Action Plan: Online Platform

Instructions: Click on an action in the table to display detailed information.

Strategic Theme Area: [Show all](#)

Show **10** entries

Strategic Theme Area	
Integrated Watershed Action	Develop a Federal Policy State Consideration of Water Reuse
Integrated Watershed Action	Prepare Case Studies of Successful Integrated Water Resources Management
Integrated Action	Incorporate Water Reuse and Planning Efforts at the Local Level
Integrated Watershed Action	Leverage EPA's Water Partners in the Context of Integrated Watershed Scale
Policy Coordination	Complete Existing State Policies
Policy Coordination	Enhance State Collaboration on Water Reuse
Policy Coordination	Complete the EPA Study of Water Management
Policy Coordination	Enhance Wastewater Source Control Programs to Support Water Reuse
Policy Coordination	Compile and Develop Protected Waters for Potential Reuse
Policy Coordination	Develop Informational Materials that Can Facilitate Water Reuse

Showing 1 to 10 of 58 entries

Enhance State Collaboration on Water Reuse

Enhance State Collaboration on Water Reuse (Action 2.2.2)

[Action Attributes](#) [Action Team](#) [Implementation Milestones](#) [Outputs and References](#)

Action Attributes

Status: Developed

Action Leaders and Key Contact:
U.S. Environmental Protection Agency (EPA)
Jeff Lape
lape.jeff@epa.gov

Association of Clean Water Administrators (ACWA)
Jake Adler
jadler@acwa-us.org

Association of State Drinking Water Administrators (ASDWA)
Wendy Wilkes
wwilkes@asdwa.org

Description: Provide forums and opportunities for states to discuss water reuse policies and strategies. This conference provides a useful model and a coordinated state focused forum to encourage states to prime legitimate opportunities to learn from each other; (2) identify common needs to of water reuse.

Background: The Annual WaterReuse Pacific Northwest Conference, organized by the policies and strategies. This conference provides a useful model and a coordinated state focused forum to encourage states to prime legitimate opportunities to learn from each other; (2) identify common needs to of water reuse.

Opportunities:

- Increase state collaboration on water reuse across the spectrum of water reuse.
- Share experiences across state organizations.
- Enable water reuse discussions and networking opportunities.

Enhance State Collaboration on Water Reuse

Enhance State Collaboration on Water Reuse (Action 2.2.2)

[Action Attributes](#) [Action Team](#) [Implementation Milestones](#) [Outputs and References](#)

Implementation Milestones

Expand all

1. Convene the 2nd state summit on water reuse at the 34th Annual WaterReuse Symposium in San Diego, CA.
Lead(s): ACWA (Julia Anastasio, julianastasio@acwa-us.org), ASDWA (Wendy Wilkes, wwilkes@asdwa.org)
Partners: EPA, WaterReuse
Target Completion Date: September 2019
Actual Completion Date: September 2019
Milestone Complete: Yes
Status/Updates: Completed (20 representatives from 10 states attended)
2. Secure meeting facilitation and notetaking support for the 2nd state summit on water reuse.
3. Conduct water reuse-focused discussions at a session at the ASDWA Member Meeting.
4. Conduct water reuse-focused discussions at a session at the ACWA Member Meeting.
5. Initiate planning for next annual state summit on water reuse.
6. Compile a list of state water reuse contacts and roles and post in an accessible location online.
7. Convene the 2nd state summit on water reuse at the 35th WaterReuse Symposium in Denver, CO.
8. Prepare state summit on water reuse meeting summary for state representatives.
9. Additional milestones to be determined.

Use the arrows to navigate between actions.

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Navigating from the main page:

- Strategic Theme
- Action Title
- Action Number
- Status

National Water Reuse Action Plan: Online Platform

The release of the **National Water Reuse Action Plan: Collaborative Implementation (Version 1)** includes the launch of this online platform. It houses the full spectrum of actions and communicates the progress toward implementation of those actions that enhance water reuse consideration within the scope of the WRAP. It also 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.

Through communication with action leaders, the information in the WRAP Online Platform will be updated routinely (e.g., quarterly) to maintain a relatively current reflection of each action's implementation. These routine action-specific updates will convey progress, including progress on implementation milestones, new entities collaborating on actions, and links to relevant action outputs.

Instructions: Click on an action in the table to display detailed information about each, including descriptions, background information, leaders, partners, implementation milestones, and target completion dates.

Strategic Theme Area:

Show all ▼

Show 10 ▼ entries

Search:

Strategic Theme Area	Action Title	Action No.	Status	View
Integrated Watershed Action	Develop a Federal Policy Statement to Support and Encourage Consideration of Water Reuse in a Watershed-Scale Planning Context	2.1.1	Developed	i
Integrated Watershed Action	Prepare Case Studies of Successful Water Reuse Applications Within an Integrated Water Resources Management (IWRM) Framework	2.1.2	Developed	i
Integrated Watershed Action	Incorporate Water Reuse and Capture Concepts into Integrated Planning Efforts at the Local Level	2.1.3	Undeveloped	i

Water Reuse Related Links

- [National Water Reuse Action Plan](#)
- [Water Reuse Home](#)

National Water Reuse Action Plan

Enhance State Collaboration on Water Reuse

Enhance State Collaboration on Water Reuse (Action 2.2.2)



Action Attributes

Action Team

Implementation Milestones

Outputs and References

Action Attributes

Strategic Theme Area: Policy Coordination

Status: Developed

Action Leaders and Key Contact:

U.S. Environmental Protection Agency (EPA)

Sharon Nappier

nappier.sharon@epa.gov

Association of Clean Water Administrators (ACWA)

Jake Adler

jadler@acwa-us.org

Association of State Drinking Water Administrators (ASDWA)

Wendi Wilkes

wwilkes@asdwa.org

Description: Provide forums and opportunities for states to discuss and share information and experiences on programs and approaches for the management of water reuse.

Background: Some states, particularly in arid areas, have well-established water reuse guidelines and programs, while others are only beginning to explore reuse applications. States can benefit from opportunities to exchange ideas, experiences, successes, and challenges when developing and implementing reuse programs. The purpose of this action is to establish state-focused forums to: (1) provide opportunities to learn from each other; (2) identify common needs to advance and manage water reuse at the state level; and (3) determine priority actions to facilitate broader application and state acceptance of water reuse.

The Annual WaterReuse Pacific Northwest Conference, organized by the Pacific Northwest Section of the WaterReuse Association, has been occurring for over a decade and brings together states to discuss state policies and strategies. This conference provides a useful model and example of the benefit of engagement and collaboration across the states. However, historically, there has not been a nationally coordinated state-focused forum to encourage states to come together and discuss water reuse issues.

In September 2019, ACWA and ASDWA co-convened and facilitated the first "state summit" on water reuse at the 34th Annual WaterReuse Symposium with EPA participation and support. Twenty-nine representatives from 16 state water programs participated in this event. The meeting demonstrated the value of convening state drinking water and clean water programs together and prompted the engagement of additional state associations to engage in future state summits on water reuse (e.g., ASTHO, ECOS, and GWPC).

Opportunities:

- Increase state collaboration on water reuse across the spectrum of individual state interests.
- Share experiences across state organizations.
- Enable water reuse discussions and networking opportunities.

Navigating
through an action:

Action Attributes
*status, leader(s),
description, background,
opportunities*

Use the arrows to navigate between actions.

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Enhance State Collaboration on Water Reuse

Enhance State Collaboration on Water Reuse (Action 2.2.2)

Action Attributes

Action Team

Implementation Milestones

Outputs and References

Action Team

Action Leaders and Key Contacts

U.S. Environmental Protection Agency (EPA)

Sharon Nappier

nappier.sharon@epa.gov

Association of Clean Water Administrators (ACWA)

Jake Adler

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Association of State Drinking Water Administrators (ASDWA)

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Partners

- Association of State and Territorial Health Officials (ASTHO)
 - Nicholas Porter nporter@astho.org
- The Environmental Council of the States (ECOS)
 - Layne Piper lpiper@ecos.org
- Ground Water Protection Council (GWPC)
 - Mike Paque mpaque@gwpc.org
- WaterReuse Association (WaterReuse)
 - Greg Fogel gfogel@watereuse.org

Interested Collaborators

- New England Interstate Water Pollution Control Commission
- Western States Water Council (WSWC)
- Water Replenishment District of Southern California

Navigating
through an action:

Action Team
*leader(s), partners,
interested collaborators*

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Enhance State Collaboration on Water Reuse

Enhance State Collaboration on Water Reuse (Action 2.2.2)

Action Attributes Action Team Implementation Milestones Outputs and References

Implementation Milestones

1. Convene the 1st state summit on water reuse at the 34th Annual WaterReuse Symposium in San Diego, CA.

Leads: ACWA (Julia Anastasio, janastasio@acwa-us.org), ASDWA (Wendi Wilkes, wwilkes@asdwa.org)

Partners: EPA, WaterReuse

Target Completion Date: September 2019

Actual Completion Date: September 2019

Milestone Status: Complete

Updates: Completed (29 representatives from 16 states attended)

2. Secure meeting facilitation and notetaking support for the 2nd state summit on water reuse.

3. Conduct water reuse-focused discussions at a session at the ACWA Member Meeting.

4. Conduct water reuse-focused discussions at a session at the ASDWA Midyear Meeting.

5. Initiate planning for next annual state summit on water reuse.

6. Compile a list of state water reuse contacts and roles and post in an accessible location online.

7. Convene the 2nd state summit on water reuse at the 35th WaterReuse Symposium.

8. Prepare state summit on water reuse meeting summary for state representatives.

9. Additional milestones to be determined.

Use the arrows to navigate between actions.

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Navigating
through an action:

Implementation
Milestones

*title, lead(s), partner(s),
completion dates,
status, updates*

Compile Existing State Policies and Approaches to Water Reuse

Compile Existing State Policies and Approaches to Water Reuse (Action 2.2.1)

Action Attributes

Action Team

Implementation Milestones

Outputs and References

Outputs and References

List of Outputs:

- No outputs at this time.

References:

- Western Resource Advocates Online State Water Policy Program Database
<https://westernresourceadvocates.org/state-water-policy-program-database/> EXIT
- EPA's 2012 Guidelines for Water Reuse
<https://www.epa.gov/sites/production/files/2019-08/documents/2012-guidelines-water-reuse.pdf>
- Western States Water Council Report
Nathan S. Bracken, Water Reuse in the West: State Programs and Institutional Issues. A Report Compiled by the Western States Water Council, 18 Hastings West Northwest J. of Env'tl. L. & Pol'y 453 (2012)
https://repository.uchastings.edu/hastings_environmental_law_journal/vol18/iss2/14 EXIT

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Navigating
through an action:

Outputs and
References

Enhance State Collaboration on Water Reuse

Enhance State Collaboration on Water Reuse (Action 2.2.2)

Develop a Federal Policy Statement to Support and Encourage Consideration of Water Reuse in a Watershed-Scale Planning Context (Action 2.1.1)
Prepare Case Studies of Successful Water Reuse Applications Within an Integrated Water Resources Management (IWRM) Framework (Action 2.1.2)
Incorporate Water Reuse and Capture Concepts into Integrated Planning Efforts at the Local Level (Action 2.1.3)
Leverage EPA's Water Partnership Programs to Consider Water Reuse in the Context of Integrated Water Resources Management at the Watershed Scale (Action 2.1.4)
Compile Existing State Policies and Approaches to Water Reuse (Action 2.2.1)
Enhance State Collaboration on Water Reuse (Action 2.2.2)
Complete the EPA Study of Oil and Gas Extraction Wastewater Management (Action 2.2.3)
Enhance Wastewater Source Control through Local Pretreatment Programs to Support Water Reuse Opportunities for Municipal Wastewater (Action 2.2.4)
Compile and Develop Protection Strategies for Different Sources of Waters for Potential Reuse (Action 2.2.5)
Develop Informational Materials to Address How CWA NPDES Permits Can Facilitate Water Reuse/Capture (Action 2.2.6)
Utilize Existing Multi-Agency Federal Working Groups to Serve as Forums for Coordinated Federal Engagement on Water Reuse (Action 2.2.7)
Advance Alternative Water Use in Federal Operations through the Federal Energy Management Program (Action 2.2.8)
Align Policies and Communication Tools to Promote Best Management of Unused and Expired Pharmaceuticals to Support Water Reuse and Recycling (Action 2.2.9)
Incorporate Water Reuse Considerations in the Development of Civil Works Projects through the U.S. Army Corps of Engineers Civil Works Program (Action 2.2.10)
Incorporate Stormwater Capture Considerations in Assessment of Stormwater Finance Needs and Opportunities (Action 2.2.11)
Leverage Existing U.S. Department of Agriculture Programs to Encourage Consideration and Integration of Agricultural Water Reuse (Action 2.2.12)
Enhance Combined Sewer Overflow/Sanitary Sewer Overflow Abatement Strategies (Action 2.2.13)
Promote Water Reuse through the Federal Emergency Management Agency's Hazard Mitigation Programs (Action 2.2.14)
Conduct Outreach and Training with Tribes to Build Water Reuse Capacity (Action 2.2.15)
Support Local and Regional Reuse Projects by Identifying Challenges, Opportunities, and Models for Interagency Collaboration (Action 2.2.16)

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Association of State Drinking Water Administrators (ASDWA)

Wendi Wilkes

wwilkes@asdwa.org

Description: Provide forums and opportunities for states to discuss and share information and experiences on programs and approaches for the management of water reuse.

Background: Some states, particularly in arid areas, have well-established water reuse guidelines and programs, while others are only beginning to explore reuse applications. States can benefit from opportunities to exchange ideas, experiences, successes, and challenges when developing and implementing reuse programs. The purpose of this action is to establish state-focused forums to: (1) provide opportunities to learn from each other; (2) identify common needs to advance and manage water reuse at the state level; and (3) determine priority actions to facilitate broader application and state acceptance of water reuse.

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Opportunities:

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Use the arrows to navigate between actions.

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Navigating between actions:

- Drop-down list
- Previous/Next Action Arrows