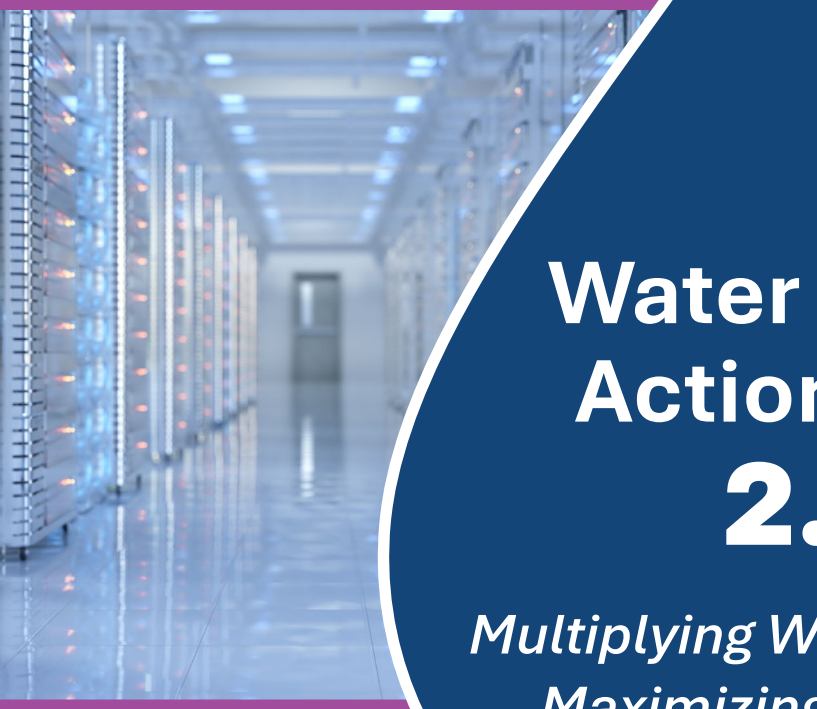


Water Reuse Action Plan 2.0

Multiplying Water Benefits, Maximizing American Prosperity

Message from EPA Assistant Administrator for Water Jess Kramer

It is a critical time for water. Our nation's water needs are changing rapidly thanks to evolving community needs, manufacturing growth, the artificial intelligence (AI) and data center revolution, increasing energy production, and other economic opportunities. In this dynamic context, water reuse has never been more important.

Water reuse offers a tremendous opportunity to strategically treat wastewater for specific purposes. By reusing water purposefully and deliberately, our communities can be healthier and stronger, U.S. industries can operate more efficiently, and our economy can grow faster. That is why I am excited to announce that the EPA and its partners are relaunching the Water Reuse Action Plan, or "WRAP 2.0." This renewed initiative builds on the foundation that was established six years ago by the first-ever nationwide framework for advancing water reuse. WRAP 2.0 unleashes the power of water reuse and American ingenuity to grow our economy, while supporting public health and strengthening water resources.

Under Administrator Zeldin's leadership, the EPA is bringing a fresh focus to water reuse. We are emphasizing reuse for industry, the technology sector, and energy dominance. WRAP 2.0 cultivates new collaborative partnerships to capitalize on innovative opportunities that address the nation's greatest needs. For example, WRAP 2.0 will accelerate water reuse for data center cooling, semiconductor manufacturing, electricity generation, oil and gas operations, agriculture, auto manufacturing, and food and beverage production. At the same time, we will look to showcase water reuse strategies in the sports industry—particularly reuse practices at U.S. stadiums and venues that will host 2026 FIFA World Cup matches and the 2028 Summer Olympic and Paralympic games. As we develop new pathways to elevate and expand water reuse, the EPA and its partners remain committed to the needs of communities large and small, ensuring that WRAP 2.0 delivers innovative solutions that can benefit all Americans.

In launching WRAP 2.0, EPA and its partners are establishing a renewed vision and focus for water reuse. We are highlighting leadership that is already occurring, announcing new WRAP commitments, and calling for action to accelerate water reuse over the next decade.

Water is our most vital resource. WRAP 2.0 aims to unlock its full potential to drive economic growth, safeguard public health, and advance American prosperity. Join us as we embark on this collaborative effort.

Overview of WRAP 2.0

Multiplying Water Benefits, Maximizing American Prosperity

EPA and its partners are launching WRAP 2.0 to accelerate water reuse strategies for industrial use, for the technology sector, and in furtherance of our continued energy dominance while also supporting applications of reuse that meet local needs. This revitalized effort was born out of three key observations:

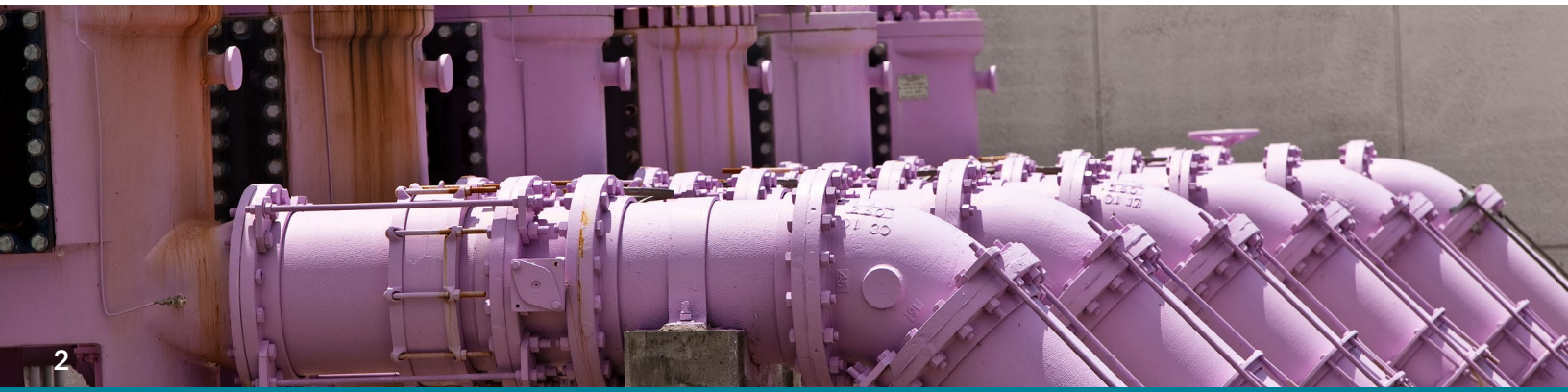
- The water needs of American industry and manufacturing, the technology sector, and the energy sector have evolved rapidly since the first Water Reuse Action Plan was launched in 2020 under the first Trump Administration.
- Advancements in reuse treatment technologies are creating new, exciting uses for alternative water supplies.
- The private sector is a leader, which indicates that there is a business case for reuse that solidifies its broad appeal and long-term viability.

> *"When I launched EPA's Powering the Great American Comeback initiative, I envisioned EPA at the center of the marketplace—supporting domestic industry, powering economic dominance, and ensuring that Americans can rely on clean air, land, and water. WRAP 2.0 delivers on this vision by cultivating win-win solutions that strengthen American businesses and water resources."*
>
> **Lee Zeldin, Administrator for the U.S. EPA**

WRAP 2.0 organizes federal leadership to meet this moment and supports partners in local communities, private industry, the water sector, and beyond. WRAP 2.0 is not a federal regulatory strategy. The federal partners recognize that states and local leaders understand their water resources and their needs best. The initiative leans on collaborative partnerships to advance reuse that strengthens key sectors of the U.S. economy—and, at the same time, protects public health and bolsters water resources.

WRAP 2.0 will advance win-win solutions for American communities and companies. Reuse projects can help support the growth of local economies while reducing stress on water resources that supply safe drinking water to homes, schools, and businesses.

The Water Reuse Action Plan 2.0 advances shared objectives: accelerating American prosperity, strengthening water resources while prioritizing public health, and enhancing collaboration and cooperative federalism. These objectives are focal points for the initiatives and projects developed under WRAP 2.0.



Objectives of WRAP 2.0

Objective: Accelerating American Prosperity

A key objective of WRAP 2.0 is accelerating the adoption of water reuse to lower costs and ensure a reliable supply of this vital input for sectors that drive the American economy, including microchip fabrications and data centers that are essential to making the United States the AI capital of the world. WRAP 2.0 also specifically intends to support auto manufacturing, food and beverage production, domestic energy, natural resource development, agriculture, and more. By supporting these engines of economic growth, WRAP 2.0 will advance American prosperity.

Water reuse, also called water recycling or water reclamation, involves cleaning and purifying wastewater from municipal systems, industry, or stormwater. Water reuse bolsters water availability while ensuring the appropriate water is available for its intended use.

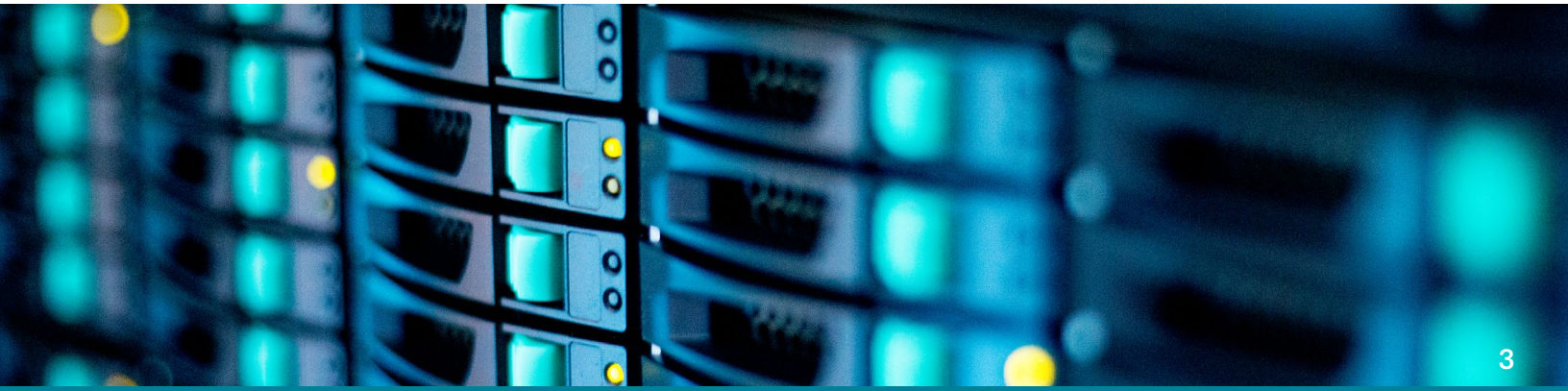
Over 500 facilities in the United States already recycle water to meet community needs. There is a great opportunity to accelerate adoption of reuse nationwide to supplement water supplies.

Objective: Strengthening Water Resources While Prioritizing Public Health

For decades, the economy has grown while Americans have benefited from improvements in public health and environmental protection. This will continue under WRAP 2.0, through initiatives that ensure wastewater is cleaned and purified to levels appropriate for specific intended uses. For example, EPA will accelerate work with partners to establish validation and monitoring protocols for water reuse treatment technologies. EPA will also explore the use of digital solutions to improve real-time monitoring for compliance and risk management. In addition to emphasizing public health protections in the context of reused water, WRAP 2.0 will promote local resource diversification that will benefit Americans. For instance, when a local facility uses recycled water for industrial applications, it reduces stress on water resources that supply safe drinking water to homes, schools, and businesses.

Objective: Enhancing Collaboration and Cooperative Federalism

WRAP 2.0 recognizes that states and Tribes know their water resources and their needs best. Further, states are in the driver's seat for permitting water reuse projects. The federal partners in WRAP 2.0 will use their convening power, strategic partnerships, and technical expertise to support states and Tribes. This collaborative work will help identify barriers, cut red tape, and identify best practices that advance reuse strategies in support of state leadership and local needs.



Building on a Track Record of Success

In 2020, the first Trump Administration launched the WRAP in partnership with key water sector stakeholders as the first-of-its-kind collaborative effort to accelerate water reuse in the United States. Since then, the number of partners and strategic actions has more than doubled, with more than 200 partner organizations helping deliver more than 200 resources to support the water reuse industry.

The water sector will continue playing a lead role in WRAP 2.0. Work to meet local water needs, such as potable reuse and aquifer recharge, will continue. These efforts are critically important, especially in areas of the country that are drought-prone or where groundwater resources have been significantly depleted. Further, the water sector is uniquely positioned at the intersection of water resources, residential needs, and the water needs of the industrial, technology, and energy sectors. The water sector will be at the center of collaborative and strategic efforts to advance reuse, as it supports and sustains efforts started under the original WRAP while expanding into new areas of opportunity under WRAP 2.0.

96 WRAP action commitments

216 organizations involved

215+ resources developed

The Water Reuse Action Plan was intentionally designed as a dynamic framework, with flexibilities to address emerging needs in water reuse. At the heart of this approach is the WRAP Online Platform, a transparent tool that highlights partner commitments and actions and tracks participating entities, intended outcomes, current status, and key achievements. Six years into implementation, WRAP partners have successfully delivered actions, establishing a strong track record of replicable and scalable success, and WRAP has provided confidence in our collective ability to advance practical and implementable water reuse strategies.

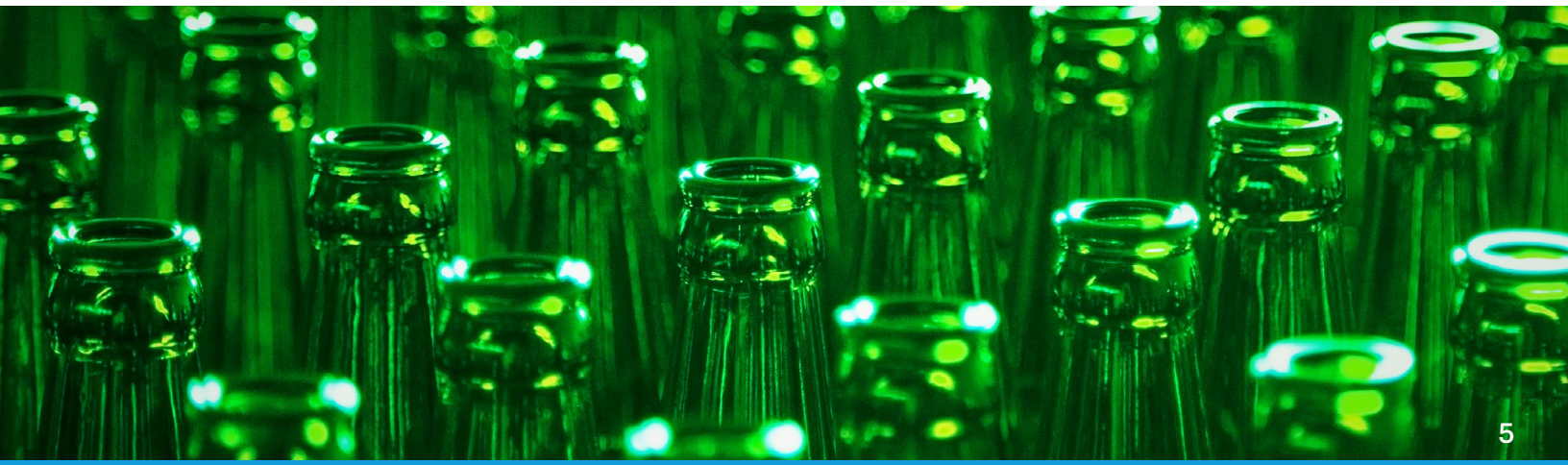
WRAP 2.0 will build on this foundation by deepening existing partnerships while developing new relationships. It will continue using the online platform, which will grow with each new commitment and each milestone reached.

Water Reuse Action Plan: Online Platform

Search: Enter keyword search term here...

Show 25 entries

Action Title	Action No.	Status	Notes
Advance Permitting of Innovative Water Reuse Technologies for Data Center Cooling	2.21	Newly enhanced!	WRAP 2.0 action.
Advance the Implementation of Onsite Water Reuse Through the Building Infrastructure Locally for Decentralized Water Systems (BILD) Initiative	3.9	Newly enhanced!	WRAP 2.0 action.
Advance Water Reuse and Desalination Technologies Through the Second Phase of the National Alliance for Water Innovation (NAWI) Hub	4.10	Newly enhanced!	WRAP 2.0 action.
Accelerate the U.S. Circular Water Economy and Technology Adoption Through Case Studies and Educational Resources	4.11	Newly enhanced!	WRAP 2.0 action.
Develop a GIS-based Mapping and Information Tool to Advance Water Reuse Planning for the Power Sector and Other End-Uses	5.11	New!	WRAP 2.0 action.
Establish a Decision-Making Framework for the Implementation of Water Reuse within Food & Beverage Production Facilities	5.12	New!	WRAP 2.0 action.
Increase Awareness of Available USDA Rural Development Funding for Water Reuse Projects	6.7	Newly enhanced!	WRAP 2.0 action.
Facilitate Implementation of the National Water Reuse Action Plan	10.3	Newly enhanced!	WRAP 2.0 action.
Develop a Federal Policy Statement to Support and Encourage Consideration of Water Reuse in a Watershed-Scale Planning Context	1.1	Complete	
Prepare Case Studies of Successful Water Reuse Applications Within an Integrated Water Resources Management (IWRM) Framework	1.2	Active	
Leverage EPA's Water Partnership Programs to Consider Water Reuse in the Context of Integrated Water Resources Management at the Watershed Scale	1.4	Active	
Develop Case Studies of Successful Low-Input Water Reuse Solutions to Meet Local Water Needs	1.5	Active	
Address Barriers to Water Reuse in Agriculture Through Improved Communication and Partnerships	1.6	Complete	
Compile Existing State Policies and Approaches to Water Reuse	2.1	Active	



Key Initiatives of WRAP 2.0

WRAP 2.0 establishes key initiatives that support the focus and direction of this revitalized effort. These initiatives serve as guideposts that will drive resources and commitments toward the greatest opportunities to achieve the objectives of WRAP 2.0.

Key Initiative: Supporting Reuse for Resurgent Domestic Industry

Many great American industries need reliable water supplies to achieve their full potential. This need extends from component fabrication (e.g., bottles and batteries) to manufacturing finished products (e.g., food and beverage products, cars, and trucks) to agricultural production. Water reuse offers an opportunity to support these industries with a reliable and affordable supply of water while preserving and strengthening local water resources. WRAP 2.0 is focused on advancing the adoption of water reuse strategies for these important engines of U.S. economic growth.

Manufacturing and industrial processes can be water intensive. For example, studies suggest that over 1,000 gallons of water are used in the process of manufacturing a car, van, or truck.[1] In the auto industry, cooling systems, finishing, and painting use more water than other processes. Similarly, food and beverage production uses water in production and packaging processes. Agriculture also plays a significant role in water use.

Water reuse provides an opportunity to support industry, economic growth, and American prosperity while reducing production costs and supporting the local communities where workers and their families live, learn, pray, and play. Industry is leading the way. For example, Ford's Kansas City and Louisville assembly plants use water recycling and reuse systems to treat wastewater and supplement water used in paint shops. In Texas, a Toyota manufacturing plant uses around 1 million gallons of recycled water per day, saving local freshwater for drinking. In Simplot's potato processing plant in Caldwell, Idaho, advanced systems treat 2.3 million gallons per day of potato processing water, of which approximately 1 million gallons per day can be reused onsite.[2]

At the same time, precision agriculture practices are changing the landscape of water use in agricultural production. U.S. equipment manufacturers are working with America's farmers to maximize the production and benefit of every drop of water applied to the land.

WRAP 2.0 will support the leadership of American industry and promote the adoption of water reuse strategies in these vital economic sectors.

1 Semmens et al., Vehicle Manufacturing Water Use and Consumption: An Analysis Based on Data in Automotive Manufacturers' Sustainability Reports, *The International Journal of Life Cycle Assessment*, 2014.

2 WateReuse, *Simplot and Lucid Motors Win 2025 Global Industrial Water Reuse Champions Award*, 2025.

New Commitments to Support Reuse for Resurgent Domestic Industry

Identify Opportunities to Advance Water Reuse in the Automotive Value Chain Action partners plan to explore opportunities to support greater understanding and advancement of water reuse practices across the automotive sector and its supply base.	**Action 5.15** Suppliers Partnership for the Environment, Ford Motor Company, General Motors, Toyota Motor North America, WateReuse
Engage with Industry and Manufacturing Leaders to Scale Water Reuse Action leaders plan to host round tables and webinars with partners from a variety of industries, to help interested industries identify opportunities and best practices to expand the use of recycled water.	**Action 8.14** WateReuse, NAM, WEF, EPA
Streamline the Permitting of Water Reuse for the Food and Beverage Sector EPA plans to apply a risk-based approach to novel sources of water, setting practical treatment targets to support the expansion of recycled water use by America-based food and beverage companies.	**Action 3.11** EPA, FDA
Advance Reuse and Desalination Technologies Through the Second Phase of the National Alliance for Water Innovation Building on its first phase, NAWI continues to lower the cost and energy of water purification technologies and of treating water from alternative sources, including industrial and onsite sources, to make it more fit for purpose.	**Action 4.10** NAWI, DOE, NREL, ORNL, U.S. research universities, industry partners
Collaborate with Tyson Foods to Demonstrate the Potential of Recycling Protein-Processing Water for Potable-Quality Uses Onsite Tyson Foods is interested in reducing its water footprint by recycling its protein-processing water for additional food processing needs. Together with EPA and USDA, Tyson will test its pilot project to demonstrate the potable quality of the treated protein-processing water.	**Action 3.12** Tyson Foods, EPA, USDA
Establish a Decision-Making Framework for Water Reuse in Food and Beverage Production This action will leverage the insights from industry practitioners who have successfully implemented water reuse projects, extracting lessons learned and best practices that can be applied across the food and beverage industry.	**Action 5.12** GHD, Veolia, PepsiCo, BIER, WateReuse
Expand Water Reuse to Support Industries in Geographic Regions with Stable Water Supplies (Midwest) This action seeks to continue the momentum of developing water reuse in regions not faced with water scarcity or lack of local supply. WRF will study drivers and impediments, including siloed institutions; technical, financial, and managerial capacity; and industrial users.	**Action 5.14** WRF

Create a Map of Utilities with Usable Recycled Water for Industrial Reuse To support municipalities in attracting economic development opportunities, action leaders plan to develop a map of recycled water supplies that are (or could become) available for industrial use in the United States.	**Action 5.13** WateReuse, CDM Smith, Amazon Web Services, Google, Grundfos, Veolia
Launch a Pledge Program for Industries to Commit to Incorporating Water Reuse into Their Operations Action leaders plan to create a voluntary pledge program to encourage industry leaders to incorporate the use of recycled water into their manufacturing processes, products, and operations.	**Action 8.10** WateReuse
Establish Validation and Monitoring Protocols for Water Reuse Treatment Technologies to Support Efficient Project Permitting This action will create building blocks for treating and monitoring recycled water to remove pathogens to support potable, food and beverage, non-potable, and agricultural reuse. It will address regulatory barriers to deploying digital solutions for compliance monitoring and risk management.	**Action 4.12** EPA
Establish a Working Group on the Intersection of Industrial Water Reuse and PFAS The U.S. Chamber plans to collaborate with EPA to establish a multistakeholder working group to explore how and whether the Agency should stand up a voluntary industrial water reuse initiative to increase the deployment of water reuse technologies with the potential to reduce PFAS in the environment.	**Action 7.13** U.S. Chamber of Commerce, EPA

Prior WRAP Commitments That Support Reuse for Resurgent Domestic Industry

Identified Water Reuse Opportunities in the Beverage Industry	**Action 5.7** GHD in collaboration with nine partners
Established a Water Reuse Champion Award Program	**Action 8.4** U.S. Chamber of Commerce, Veolia, WateReuse, UPenn Water Center, IDRA
Published a Quarterly "Potable Water Reuse Report"	**Action 7.10** USACE, Water Reuse Consortium

Key Initiative: Water for the U.S. Technology Revolution

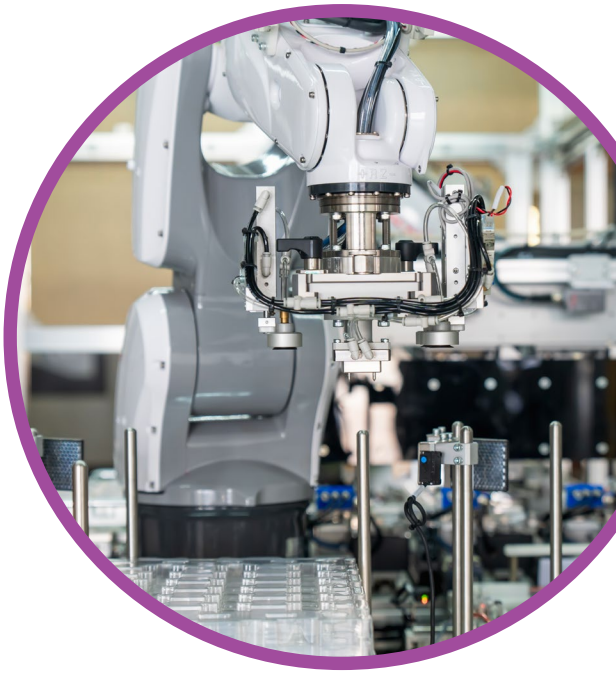
The Trump Administration is committed to making America the AI capital of the world.[3] Water reuse can help ensure that the microchip fabrication facilities and data centers needed to sustain this vision have reliable, affordable water supplies. As part of WRAP 2.0, partners will identify actions that advance the use of recycled water for this rapidly growing sector.

Multiple facets of AI are water-intensive, from fabricating microchips and memory to cooling densely packed data centers. Data center water use varies significantly depending on location and cooling technology.

> *"Supplying reclaimed water to data centers provides sustainable operations and improved system reliability for Loudoun Water. We are committed to maintaining an innovative water reuse program that ensures long-term sustainable operations and provides benefits to all our customers."*
>
> **Kendra Sveum, Loudoun Water Executive Director of Operations and Maintenance**

Water reuse provides a solution that strengthens local freshwater and groundwater resources while delivering water for AI and data center operational needs. Technology companies and equipment manufacturers are already deploying reuse strategies around the country.

- Outside Washington, D.C., in Loudoun County, non-potable reclaimed water from the Broad Run Water Reclamation Facility provides cooling water to support the growing demand of data centers. In 2025, over 745 million gallons of recycled water was supplied to cool some of these facilities.[4]
- In Douglas County, Georgia, Google cools its data centers with recycled municipal wastewater that would otherwise be deposited in the Chattahoochee River. Google treats leftover water that doesn't evaporate before returning it to the river.[5]
- Micron Technology, the only American computer memory manufacturer and a global semiconductor leader, uses tens of millions of cubic meters of water each year to manufacture memory and storage technology. To conserve and decrease freshwater consumption, Micron relies on local sources of recycled water and onsite water reclamation. Micron has a commitment to achieve 75% water conservation in its operations by 2030 with water reuse playing a key role.[6]



WRAP 2.0 will strengthen the connections between technology sector water needs and reuse solutions that benefit businesses and local communities while solidifying the United States' place as the AI capital of the world.

3 For EPA, this goal was codified in the fourth pillar of Administrator Zeldin's Powering the Great American Comeback Initiative (EPA, *EPA Administrator Lee Zeldin Announces EPA's "Powering the Great American Comeback" Initiative*, 2025).

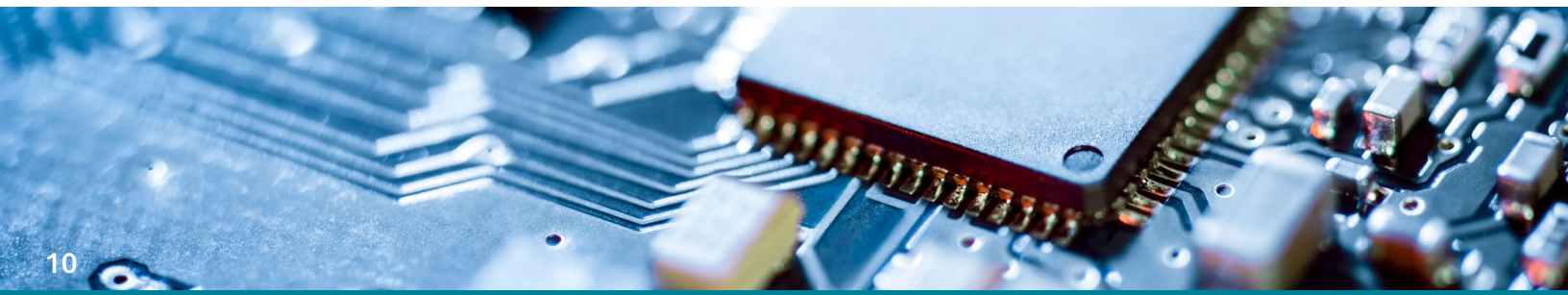
4 Loudoun Water, *Reclaimed Water Program*.

5 WateReuse, *Water Reuse for Artificial Intelligence*.

6 Micron, *Innovation in Water Conservation*.

New Commitments to Support Reuse for the U.S. Technology Revolution

Support States in Expanding the Use of Recycled Water for Industrial and Data Center Cooling Applications EPA plans to work with states and the regulated community to compile and share best practices relevant for industrial cooling systems so states can readily permit the use of recycled water for data centers.	**Action 3.10** EPA
Advance the Use of Recycled Water for Data Center Cooling Applications Through Information and Collaborative Partnerships Action leaders plan to identify and propose solutions to the regulatory hurdles associated with using recycled water for data center cooling.	**Action 2.21, Part 1** Amazon Web Services, Brown and Caldwell, Loudoun Water, EPA, WEF, U.S. Chamber of Commerce, Veolia
Host a Collaborative Water and Wastewater Utility Forum on Data Centers The Collaborative Water and Wastewater Utility Forum on Data Centers will offer a critical opportunity to convene a diverse group of participants to engage in structured, topic-driven presentations and discussions that address the multifaceted challenges of data center water use.	**Action 8.12** WRF
Advance the Use of Recycled Water for AI Through a New AI Center of Excellence The center aims to provide insights into how and when data centers use and source water. Participants have outlined four principles for responsible water use that promote balance between the needs of the data industry and the public interest.	**Action 2.21, Part 2** WEF, Amazon Web Services, The Water Center, Leading Utilities of the World
Advance the Implementation of Onsite Water Reuse Through the BILD Initiative Collaborative groups will build cross-sector coalitions, including property owners and plumbing organizations, to advance decentralized water reuse.	**Action 3.9** Colorado State University, NBRC for OWS, EPA



Prior WRAP Commitments That Support Reuse for the U.S. Technology Revolution

Implemented and Managed the NAWI Energy-Water Desalination Hub	**Action 4.6** NAWI, DOE
Coordinated and Promoted Water Reuse Technology in Federal SBIR Programs	**Action 7.5** EPA

Key Initiative: Unleashing American Energy Dominance

From day one, the Trump Administration has prioritized American energy.[7] Water reuse can play a key role in American energy by maximizing the benefits of treated wastewater, creating opportunities for new revenue streams, and reducing costs for energy development and electricity generation. For American homes and businesses, this means better reliability and lower energy bills.

Water is already being reused to support America's energy sector.

- For example, Chevron has invested in technologies to reduce its freshwater usage. At its Richmond Refinery, Chevron reuses up to 7.5 million gallons per day of recycled water for industrial use, keeping freshwater available for the Bay Area community. In addition, by reusing water from recovery wells, the company has reduced 60% of the freshwater volumes needed for cooling at the El Segundo Refinery wastewater treatment plant.
- Located west of Phoenix, the Palo Verde Generating Station is one of the nation's largest nuclear power plants and the only one in the world that is not located on a body of water. Palo Verde uses more than 20 billion gallons of recycled wastewater each year to help generate reliable energy.[8]

Under WRAP 2.0, partners will fortify the reliability of American energy and drive down costs by focusing on actions that support energy development and electricity generation. New actions will focus on opportunities to treat wastewater for beneficial reuse, including wastewater from electricity generation and oil and gas production. WRAP 2.0 will also explore opportunities for oil and gas refining to utilize reclaimed water.

> *"This action will promote water reuse as a strategic opportunity to build resilience within the expanding power sector."*
>
> **Katie VanderEspt, EPRI**

7 Within this effort, unleashing American energy dominance is an emphasis of the EPA's Powering the Great American Comeback Initiative (EPA, *EPA Administrator Lee Zeldin Announces EPA's "Powering the Great American Comeback" Initiative*, 2025).

8 Arizona Public Service, *Nuclear Generation*.

New Commitments to Support Reuse for Unleashing American Energy Dominance

Expand Flexibilities in Managing Wastewater from Oil and Gas for Reuse EPA will work with the regulated community to explore potential opportunities to provide regulatory flexibility for produced water from new sources to be treated for beneficial reuse; expand water uses to include industrial cooling water, critical mineral extraction and rangeland restoration; and expand the geographic scope.	**Action 2.22** EPA
Create a GIS-Based Mapping and Information Tool to Advance Water Reuse Planning for the Power Sector and Other End-Uses This geospatial tool enables users to identify alternative water sources that are geographically suited for reuse by power plants, furthering water reuse opportunities in the energy sector.	**Action 5.11** EPRI
Launch a Centralized Portal for Water Reuse Resources That Support States and Industries This portal will house key resources to support water reuse for industrial manufacturing, AI/data centers, and energy production.	**Action 8.13** EPA
Provide Gold Standard Science to Support States Interested in Off-Field Reuse of Wastewater from Oil and Gas Operations EPA scientists plan to provide requested research to states interested in the reuse of wastewater from oil and gas operations for alternative uses including agriculture, data centers, dust suppression, and more.	**Action 3.13** EPA, NMPWC, TxPWC

Prior WRAP Commitment That Supports Reuse for Unleashing American Energy Dominance

Began Work Identifying In-Field Water Reuse Opportunities for Water Produced in Colorado During Oil and Gas Operations	**Action 5.10** Colorado Produced Water Consortium

Key Initiative: Collaboration and Cooperative Federalism

Cooperative federalism is a fundamental tenet of the Trump Administration's approach to policies and programs that protect the environment and public health while supporting economic growth.[9] WRAP 2.0 recognizes that states and local leaders know their water resources and their needs best. This initiative focuses on harnessing the resources of the federal government to strategically support the needs of states and Tribes. The interagency coordination embodied in the WRAP is now codified into federal law.

> *"We're at an inflection point for onsite water reuse. The time is now to advance its implementation to support the efficient use and reuse of water within individual buildings and across properties."*
>
> **Paula Kehoe, NBRC for OWS**

This work started under the original Water Reuse Action Plan. EPA has hosted a number of summits on water reuse at which state participants have helped us identify how we can best support states as they advance water reuse locally. For example, these engagements resulted in EPA developing a risk-based framework for states to follow when they are in the early stages of the regulatory process. It has boosted engagement in reuse by making it more approachable. EPA also regularly participates in technical workgroups with state regulators to support them as they develop regulations and guidelines for water reuse.

Future projects will cover a variety of topics ranging from enhancing communication about the safety of recycled water to ensuring states have the latest gold standard science to permit recycled water projects while safeguarding public health and the environment.

EPA will continue to focus on opportunities to enhance coordination and collaboration with state and federal partners to support the implementation of water reuse within existing regulatory authorities of the Clean Water Act; Safe Drinking Water Act; Food Safety Modernization Act; and Food, Drug, and Cosmetic Act for alternative sources of water and end-uses. EPA and the Bureau of Reclamation will also continue to promote use of their infrastructure funding programs to advance water reuse projects across the country.

9 Cooperative federalism is key to the EPA's Powering the Great American Comeback Initiative (EPA, *EPA Administrator Lee Zeldin Announces EPA's "Powering the Great American Comeback" Initiative*, 2025).

New Commitments to Support Collaboration and Cooperative Federalism for Water Reuse

Extend the Federal Water Reuse Interagency Working Group Renewed by Administrator Zeldin, the IWG will continue federal coordination on water reuse and will help foster a water landscape that secures the nation's water supplies, promotes economic revitalization, and ensures clean water for all Americans.	**Action 10.3** EPA, federal partners
Build Trust in Recycled Water Nationwide The EPA and partners plan to roll out a National Communication Strategy to support communities as they work to improve public perception of recycled water.	**Action 8.11** EPA, WateReuse, NACWA
Fund Water Reuse in Rural Communities USDA will raise awareness and streamline access to its Rural Utilities Service Water and Environmental Programs funding, which provides loans and grants for rural communities to develop drinking water and waste disposal systems, including water reuse projects.	**Action 6.7** USDA
Connect the American Workforce with Technical Assistance EPA plans to provide targeted support to states to meet surging demand for permitted reuse projects.	**Action 9.3** EPA
Support the Production and Distribution of Advanced Technical Training Materials Partner with existing providers of water workforce technical training materials to support the production, publication, and distribution of advanced operator certification and treatment training programs.	**Action 9.4** WEF, AWWA, WateReuse, Veolia, EPA
Diversify the Washington, D.C., Metro Area's Water Portfolio to Increase Water Supply Resilience DC Water will evaluate water reuse as a near-term tool to meet water supply needs, mitigate supply vulnerabilities, and safeguard national security.	**Action 1.7** DC Water
Accelerate the U.S. Circular Water Economy and Technology Adoption Through Case Studies and Educational Resources Water reuse will serve as one example of the circular water economy, with case studies published to identify key lessons, develop a test bed network, and promote water as a renewable resource.	**Action 4.11** WEF, Center for Sustainable Infrastructure, Japan Sewage Works Association, WateReuse
Develop a Northwest Florida Watershed Partnerships Program Collaborate with local water stakeholders on an integrated, holistic, watershed-based approach to advance projects, including water reuse projects, that address key water supply challenges and strengthen local economic growth.	**Action 1.8** NWFWMD

Prior WRAP Commitments That Support Collaboration and Cooperative Federalism for Water Reuse

Summarized State Regulations to Support the Adoption and Expansion of Water Reuse	**Action 3.1, Part 1** EPA, ACWA, AMWA, ASDWA, ASTHO, CDPHE, FDA, WRF, WateReuse
Helped States Identify Treatment Targets to Increase Permitting Efficiency	**Action 3.1, Part 2** EPA
Supported State Regulators Through Collaborative Exchanges	**Action 2.2** ACWA, ASDWA, EPA, ASTHO, GWPC, ECOS, WateReuse
Bolstered the Reliability of Water Supplies for About 9.5 Million Americans Through 18 WIFIA Loans for Water Reuse Projects Since 2020	**Action 6.2B** EPA
Shared Impactful Communication Resources Through a Communications Library and New CDC Recycled Water Webpage and Infographic	**Action 8.1** WateReuse **Action 8.6** CDC, EPA
Identified Key Actions That Permitting Authorities and Utilities Can Take to Support Innovative Permitting Approaches, Including for Water Reuse	**Action 2.19** Stanford University, EPA, UC Berkeley
Continued to Fund Water Reuse Projects Through the Clean Water State Revolving Fund Program	**Action 6.2A** EPA
Facilitated Community Connections with Technical Assistance Providers	**Action 4.9** EPA
Uncovered New Opportunities for Agricultural Reuse	**Action 1.6** Pacific Institute, EPA, FDA, University of Arizona, USDA, Volcani Institute

Spotlight on Hosting World Games

The United States is hosting major, global sporting events in the coming years, including the 2026 FIFA World Cup and the 2028 Summer Olympic and Paralympic Games. This presents a tremendous opportunity to showcase the best of U.S. host stadiums and cities, including water reuse best practices.

In 2026, there are 11 stadiums in cities across the United States hosting FIFA World Cup games. Water reuse is a common practice in many of these landmark venues. Stadiums benefit from water reuse in various ways—from supply and demand reliability to meeting irrigation requirements to efficiency and cost savings. Featuring water reuse during this global event will elevate awareness, education, and support for water reuse.

SoFi Stadium in Inglewood, California, reclaims water to meet over 81% of its water needs, saving millions of gallons of drinking water. The stadium recycles approximately 26 million gallons of water annually for landscape irrigation.

Gillette Stadium and Patriot Place in Foxborough, Massachusetts, uses high-quality recycled water to support toilet flushing. The system treats an average of 250,000 gallons of wastewater per day—equivalent to the water use of nearly 800 homes.

Mercedes-Benz Stadium in Atlanta, Georgia is equipped with a 2.1 million-gallon stormwater management system made up of bioswales, a cistern, and a stormwater vault that collectively are designed to achieve a 47% reduction in water use. For example, the Stadium's 680,000-gallon cistern harvests rainwater that is used for irrigating the exterior landscape and for make-up water for the stadium's cooling towers.

Levi's Stadium in Santa Clara, California, uses recycled water for 85% of all its water needs, including playing field irrigation, a "green roof," flushing toilets, and cooling tower make-up water.

The **City of Los Angeles** and other parts of southern California are gearing up for the 2028 Olympics. Water reuse will be a key part of their water portfolio to meet the needs of venues and visitors.

Reuse Communications

To jumpstart progress on the new commitment, Build Trust in Recycled Water Nationwide, WRAP partners are encouraged to continue moving the dialogue away from outdated messaging by highlighting the positive impact water reuse has for the economy, public health, and local water resources. Coordinated and consistent communications strengthens the reuse "brand."

Key Points:

- All water is reused.
- Reuse takes control of water with technologies that captures, clean, and revitalize.
- These technologies can make water cleaner and safer than nature.
- Water reuse cleans wastewater and delivers water appropriate for the intended use.
- New developments are opening opportunities to maximize water's benefits.
- Water reuse means lower costs, greater reliability, and stronger water resources.

WRAP 2.0 Call to Action

Originally conceived as a collaborative force for water reuse, the EPA's WRAP set out to revolutionize water management. The launch of WRAP 2.0 builds on this vision and this work while evolving to keep pace with new needs and emerging opportunities. Actions under WRAP 2.0 will accelerate implementation of water reuse strategies to accelerate American prosperity, strengthen water resources while prioritizing public health, and enhance collaboration and cooperative federalism. We invite you to join us: bring your energy, expertise, and ideas by proposing a new WRAP 2.0 action. Together, we can multiply water's benefits to maximize American prosperity.

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2nd Nature | ACWA | AMWA | AHA and ASHE | Athens-Clark County | ***Anne Arundel County*** | ARCSA ***Argonne*** | ***Arup*** | ASDWA | ASHRAE | ASTHO | Austin Water Utilities | AVF | ***AWS*** | AWWA AWWA Total Water Committee | BIER | ***Brown and Caldwell*** | CA SWRCB | CDC | Cambrian Innovation ***Carollo*** | CASE Team | CILA | CDM Smith | CDPHE | CESPM | CESPT | CIFA | Conagua | City of Boise ***City of Chicago*** | City of Columbus | ***COG*** | Columbia Water Center | Commerce | Consor Engineering CPWC | ***CSI*** | CSO | ***CSU*** | CWCB | ***DC Water*** | DCPH-A | Denver Water | DOW | Design Aire | DOE | DOI DOS | DOT | ***DWM*** | ECOS | EDF | EFAB | ***Elevate*** | El Paso Water | Embassy of Israel | EMWD | EPA | EPRI FDA | ***Fairfax County*** | FEMA | ***Ford*** | Fox Metro WRD | Fox River WRD | GCCI | GCE | GHD | ***GLC*** | ***GM*** | GSA ***Google*** | Greenbiz Group | Groundwork USA | ***Grundfos*** | GWPC | HCPU | ***HRSD*** | HUD | IAPMO | IBWC ICC | IDEQ | ***IDNR*** | IDRA | ***IEPA*** | IRWA | ISPE | ***Illinois Sierra Club*** | IWA | IU | Israel Export Institute ***ISWS*** | IWMI | ***IWRC*** | Jacobs | JCI | JFW | ***JS*** | Katz and Associates | LACSD | LADWP | LiUNA | ***LUOW*** ***Loudoun Water*** | LVMWD | MN DPH | MoAG | MOEI | MoEP | MoH | MWD | ***MWRD*** | NACWA MWD of Southern California | NADB | ***NAM*** | NAWI | NDRP | NBRC for OWS | NeoTech Aqua | NGWA NMED | NM-PWRC | NMSA | NMSU | NPS | NREL | Northwest Biosolids | NRWA | NSAC | NSF | NSU | NTC NTWC | ***NWFWMD*** | NWRI | NYC DEP | OH EPA | One Water Econ | ORNL | OSU | ***OWML*** | Pacific Institute Parker Groundwater | Penn State | PepsiCo, Inc | PHASC | Purdue | RCAC | RCAP | Reclamation | ReNUWIt Rice University | RMS | RN | RTOCs | SAWS | SBIR Programs | SCCMA | SCCWRP | SEPROA | ***SP*** SRE | Stantec | ***State of Illinois Water Reuse Task Force*** | SWAN | SWFWMD | The World Bank ***Toyota*** | Trussel Technologies | TTU | ***TxPWC*** | Tyson | UA | UIC | UNC | UNR | ***UOSA*** University of Arizona | University of California | UPenn Water Center | USACE | USAID US Water Alliance | USC | USDA | USGBC | USGS | USWP | UWFP | Valley Water | Veolia | Volcani Wahaso | WaterEdge.IL | Village of Pingree Grove | Water Innovation Services | WateReuse | WaTr WEF | WFX | WI DNR | Woolpert | WRF | Wright Water Engineers | WSP Consultants | WSWC WTA | WW | WEF Reuse Committee MI River Basin Focus Group | Xylem | Yorkville

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