



Trevor Baggione, Director
Water Quality Division

Onsite Wastewater Treatment Program

Arizona Onsite Water Reclamation Association

April 1, 2025

To protect and enhance public health and the environment in Arizona.

- Through consistent, science-based environmental regulation; and clear, equitable engagement and communication;
- With integrity, respect, and the highest standards of effectiveness and efficiency;
- Because Arizonans treasure the unique environment of our state and its essential role in sustaining well-being and economic vitality, today and for future generations.

Agenda

- Water Quality Division
- Delegation of OWTF Program
- The current OWTF rules and rulemaking
- HB 2232 - GP for ECS
- Aquifer Water Quality Standards
- Q and A



Water Quality Division

- Groundwater Protection
 - Onsite Wastewater
- Recycled Water
- Safe Drinking Water
- Surface Water Protection
- Surface Water Improvement



Delegation of on-site Program

- Every County
- Permitting
- Complaint Response
- Compliance
- Enforcement



The current onsite Program

- Protect aquifer through regulating onsite facilities through 22 general permits
- Annual reporting for biggest facilities
- Notice of Transfer Program
- Lack of flexibility to align with modern technologies



The current rulemaking

- 2001 - New program begins
- 2019 - Project begins
- 2020 -Wastewater disposal advisory group
- 2021 - 5 year plan
- 2022-23 - Technical work groups
- 2023 - Phase 1 Rule
- 2023-24 - Phase 2 framework
- 2024 - Phase 1.5 Proposal



Guiding principles of the new program

- Continue to protect public health and the environment
- Simplify permits
- Encourage the development of new technologies



Protect public health and the environment

- Expanded requirements in rule for service providers
- Establishment of minimum requirements for service provider
- Clarifying the scope of service provider responsibilities
- Service providers required for manufactured products and may include septic tanks and other systems that present heightened risk to the environment



Simplify permits

- Reduce the number of permits
- Create repair permit
- Re-issued as needed



Encourage the development of new technologies

- Proprietary Product Listing program updated
- Permits need to be responsive to change



Failing onsites and cesspools

- Amend the Report of Inspection and Notice of Transfer
- Update the Onsite Wastewater Notice of Transfer database
- Working with ASU and others to identify cesspool locations
- \$500,000 in ARPA funds to replace



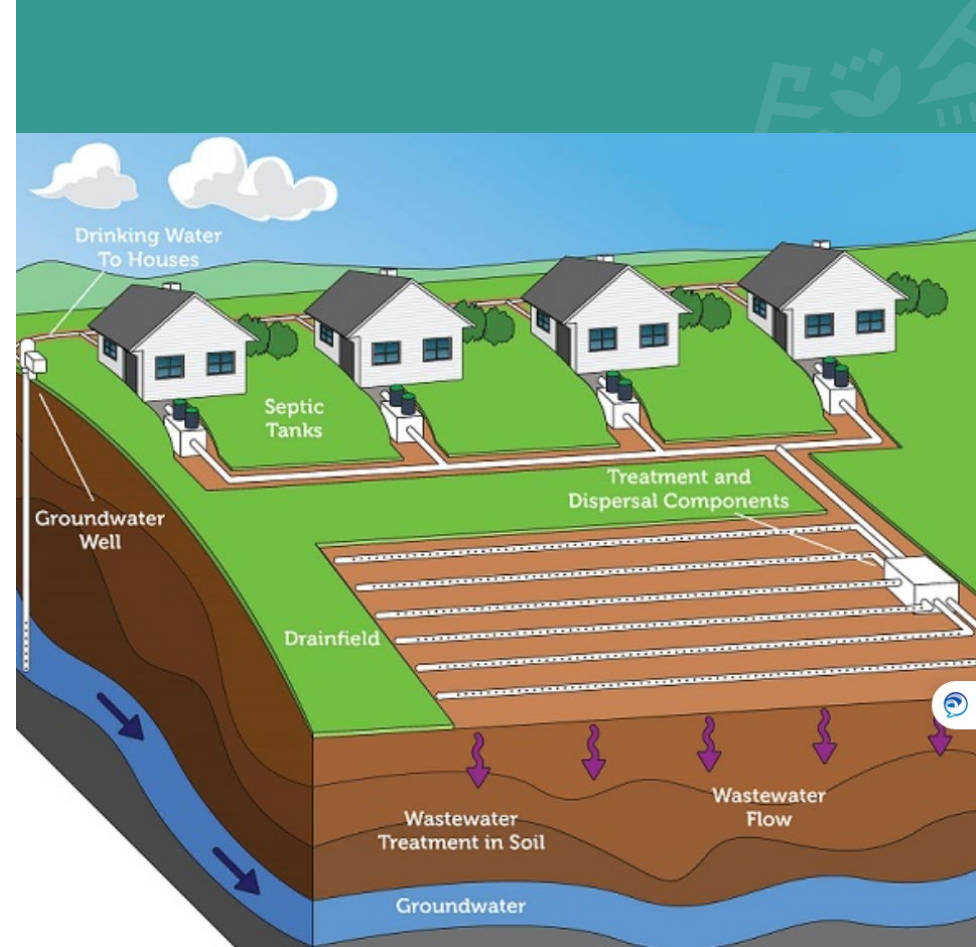
HB 2232 - General Permit for Effluent Collection Systems

- Requires ADEQ to create a ECS permit by Jan 1, 2026
- Will impact our OWTF rulemaking and engagement



What is an Effluent Collection System?

- Carries the liquid fraction only
- Preceded by conventional septic tank
- May use gravity or pressure sewer



Aquifer Water Quality Standards (AWQS)

- Standards adopted from MCLs that exist to preserve and protect aquifers
- All AZ aquifers are designated for drinking water
- OUTFs must comply with AWQS





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Onsite Wastewater Treatment Facilities

Q & A



Onsite Wastewater Treatment Facilities