



Trevor Baggione, Director
Water Quality Division

Onsite Wastewater Treatment Program

Arizona Onsite Water Reclamation Association

April 1, 2025



ADEQ Mission

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



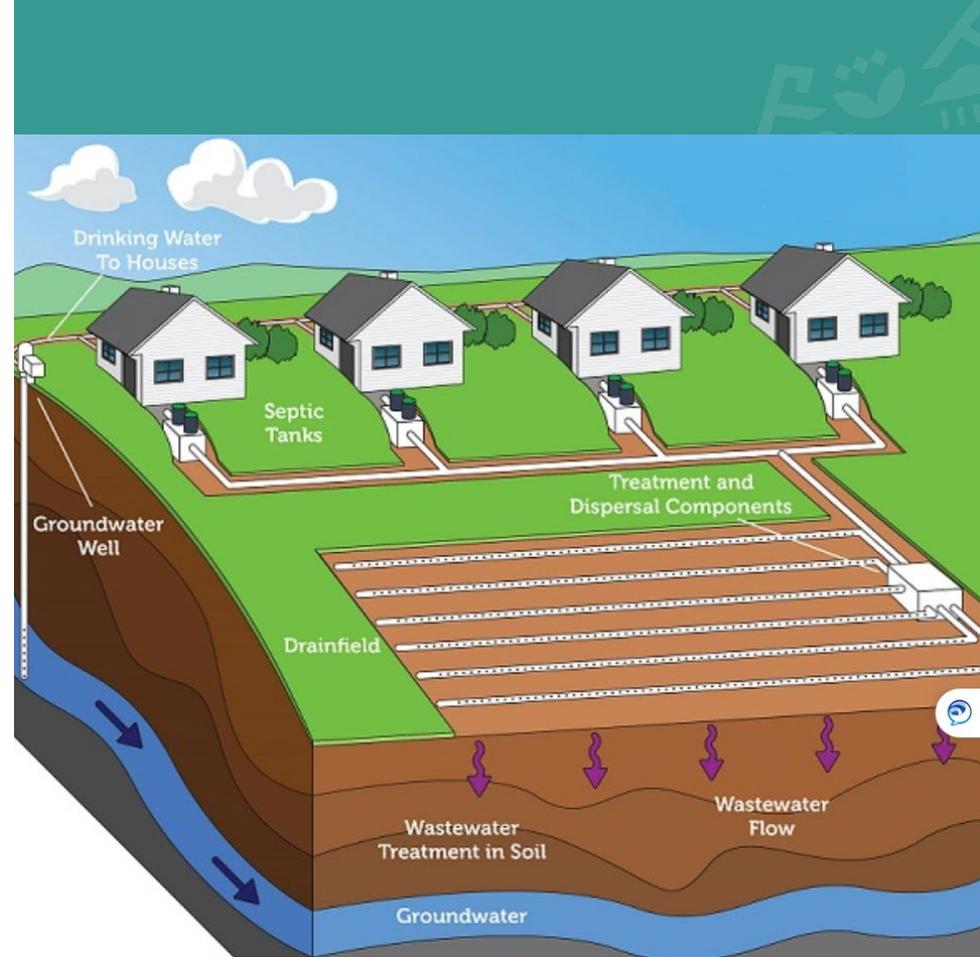
HB 2232 - General Permit for Effluent Collection Systems

- 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