

Aquifer Water Quality Standards (AWQS) Rulemaking Update

Tribal Listening Session

Groundwater Protection Section
Water Quality Division
September 11, 2023



Welcome



Len Drago
Tribal Liaison & Ombudsman
Office of Intergovernmental &
Community Affairs

Webinar Orientation

Muted

**Not
Recording**

Questions?

Answers

The screenshot displays a GoToWebinar interface. At the top, there is a menu bar with 'File', 'View', and 'Help'. Below this is a 'Audio' panel with a 'Sound Check' indicator. The audio settings are set to 'Computer audio' and 'MUTED'. The microphone is identified as 'Microphone (HD Webcam CS10)' and the speakers as 'Speakers (High Definition Aud...'. Below the audio controls is a 'Questions' section with a text input field containing the placeholder '[Enter a question for staff]' and a 'Send' button. At the bottom of the interface, it states 'Multi sessions different registrants' and 'Webinar ID: 980-960-603', with the GoToWebinar logo.

AWQS Team Members



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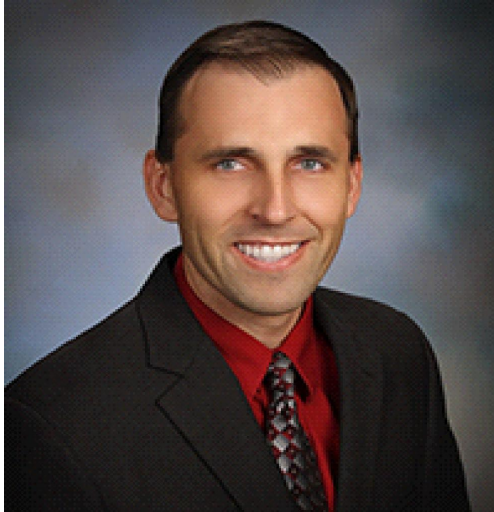


Dan Reeder
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- Introductions
- What are Aquifer Water Quality Standards?
- What standards need updating?
- Why is ADEQ doing this now?
- Things to know about AWQS
- Project Rulemaking Timeline
- Online Resources
- Open Discussion

Introductions

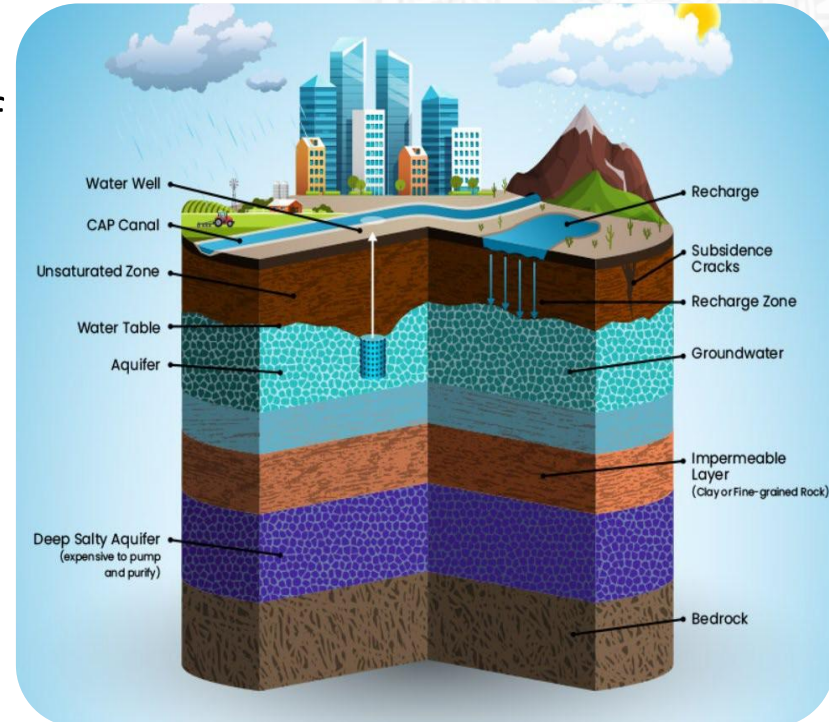


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Aquifer Water Quality Standards

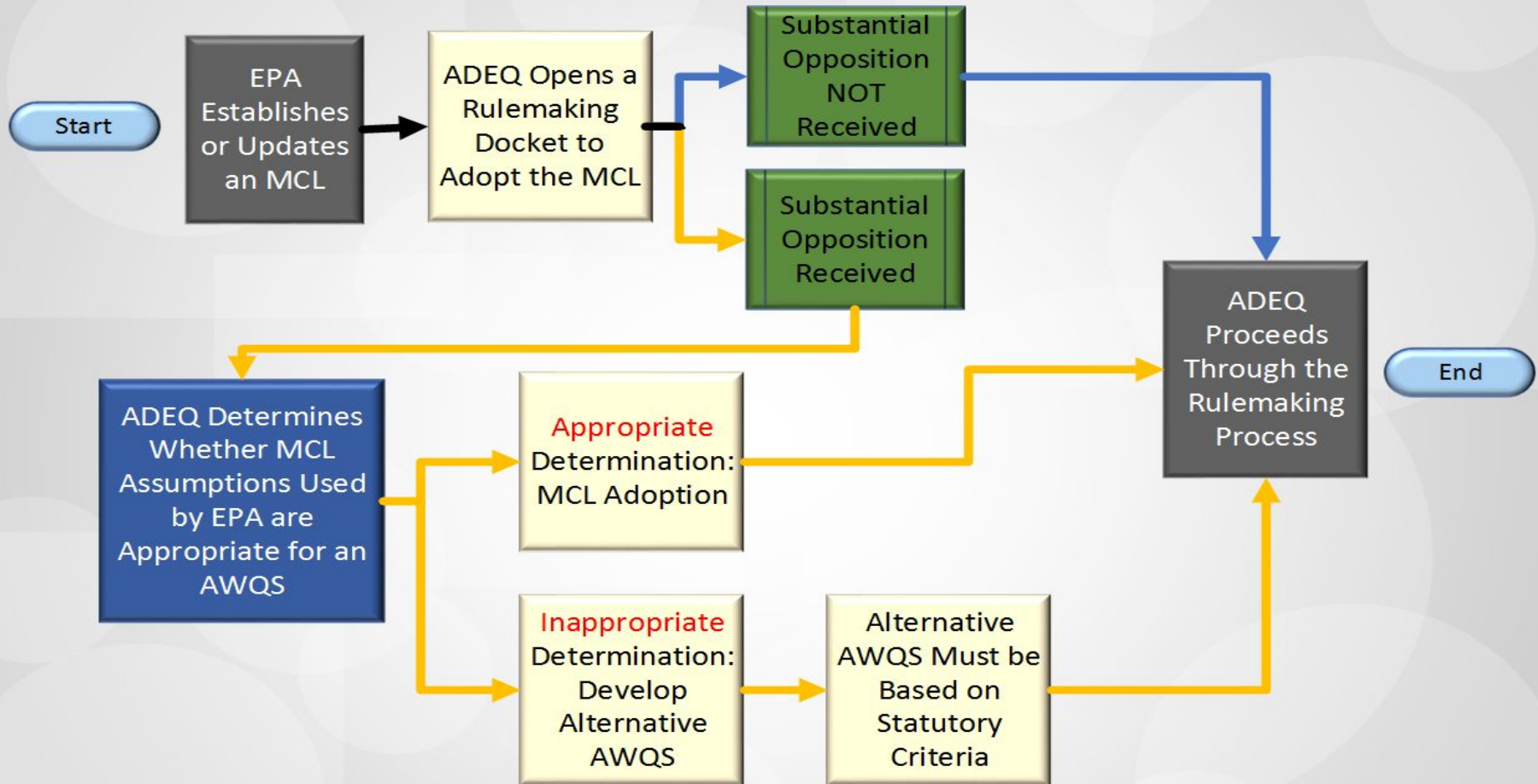
- What are AWQs?
 - maximum contaminant levels, established for aquifers in the state of Arizona for the protection of drinking water usage and public health.
- How are AWQs used?
 - Aquifer Protection Permits
 - WQARF
 - VRP
 - Remediation Programs
 - Underground Storage Tanks



What Standards need to be updated?

Pollutant	AWQS	MCL
Arsenic	0.05 mg/L	0.01 mg/L
Bromate	None	0.01 mg/L
Chlorite	None	1 mg/L
Haloacetic Acids	None	0.05 mg/L
Microbiological Contaminants	A.A.C. R18-11-406(F)	40 CFR 141.63(C)
Total Trihalomethanes	0.1 mg/L	0.08 mg/L
Uranium	None	30 µg/L

A.R.S. § 49-223 (A) & (B) AWQS Process



Why is ADEQ doing this now?



- **Protect Public Health**
 - All AZ aquifers protected for drinking water use
 - Groundwater used as a drinking water source by municipalities and private well owners
- **Legal Requirement**
 - **A.R.S. § 49-223(A)**
- **Audit Finding**

AWQS Rulemaking: Critical Path



Next Steps:



- **Rulemaking Webpage**

- <https://old.azdeq.gov/node/9096>

- **Rulemaking Fact Sheet**

- <https://static.azdeq.gov/wqd/rulemaking/awqs/fs.pdf>

- **Rulemaking Resources**

- <https://old.azdeq.gov/node/9545>

- **Rulemaking Notice of Docket Opening**

- 29 A.A.R. 1478
 - https://apps.azsos.gov/public_services/register/2023/26/contentents.pdf#page=56



- **RTCR**

- routine sampling
 - E.coli & Total Coliform
- repeat sampling:
 - E.coli & Total Coliform

- **RTCR in a PWS Setting**

- **How does this apply in non-PWS settings?**





Open Discussion

Questions?

AWQS

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