

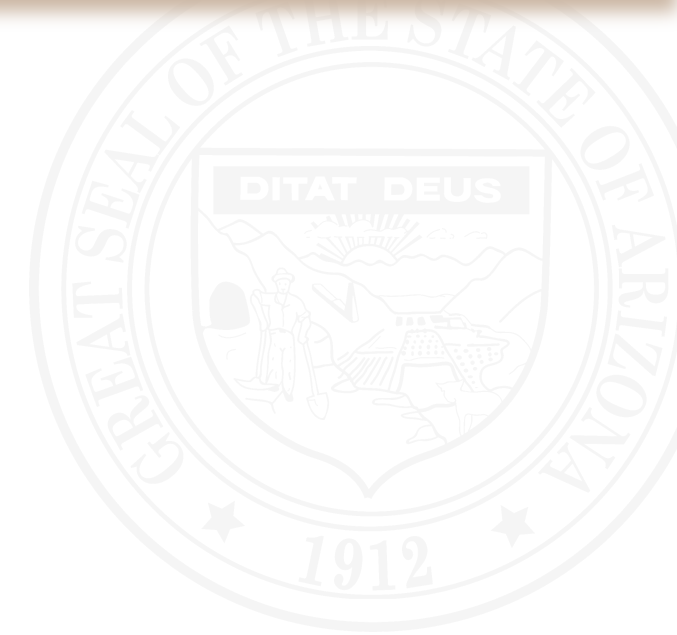
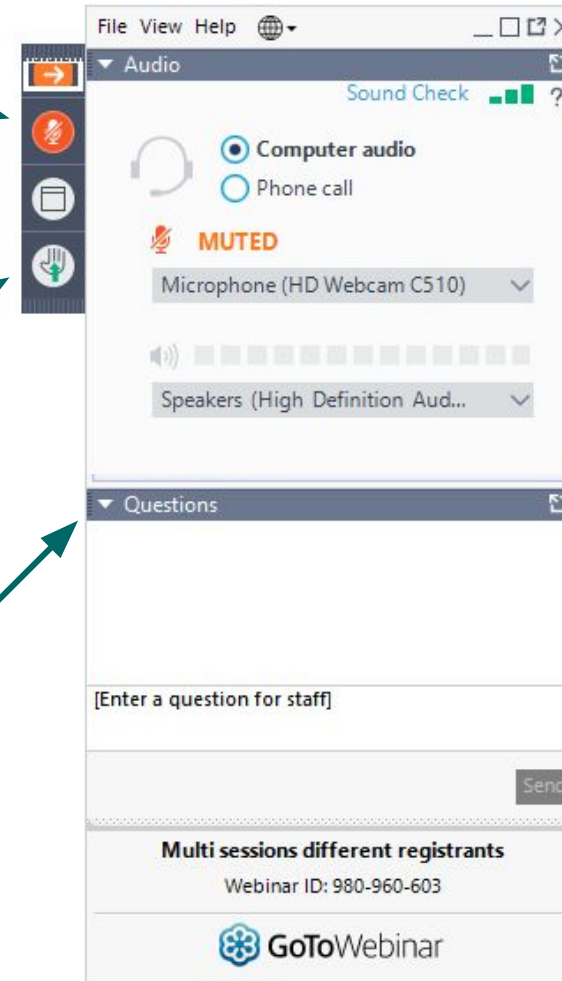
**ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY
PUBLIC HEARING FOR
AQUIFER WATER QUALITY STANDARDS (AWQS)
RULEMAKING: NOTICE OF PROPOSED RULEMAKING
(NPRM)**

Date: December 16, 2024 11:00 a.m.

Hearing Officer: David Lelsz, Ph.D.

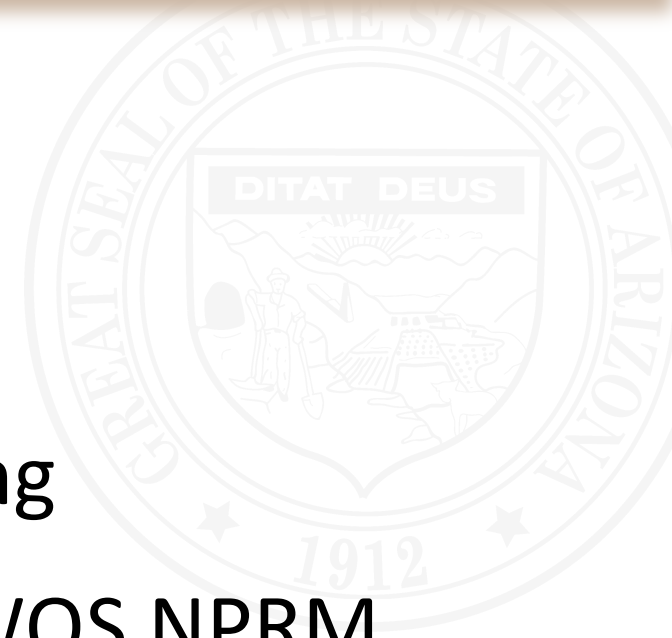


- Muted
- Raise your hand if you wish to comment verbally
- Use the Question Tool

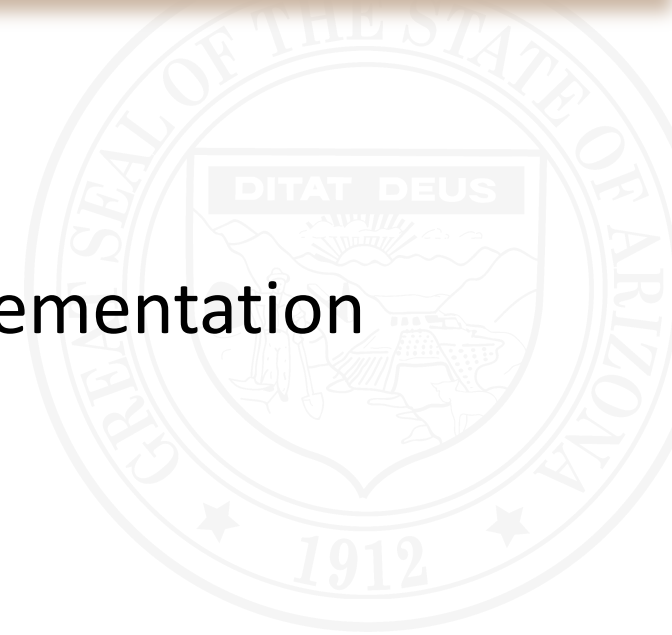


Today's Agenda:

- AWQS NPRM Outline
- Instructions on the conduct of the Hearing
- Oral Comments on the Record for the AWQS NPRM



- 5 NPRMs
 - 18 AAC 9, Articles 1 & 2 - APP Program - Implementation
 - 18 AAC 11, Article 4 - AWQS - Arsenic
 - 18 AAC 11, Article 4 - AWQS - Uranium
 - 18 AAC 11, Article 4 - AWQS - Microbiological Contaminants
 - 18 AAC 11, Article 4 - AWQS - Disinfection Byproducts



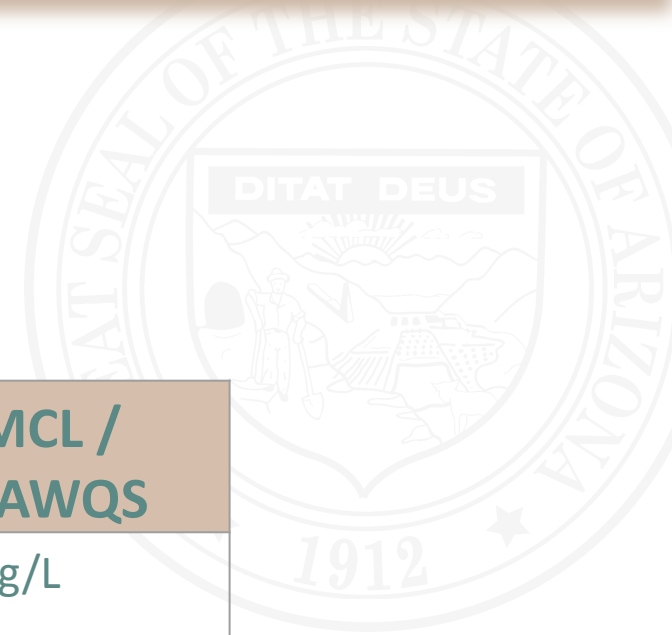
Implementation Rule - 18 AAC 9, Articles 1 & 2

- Amendment Schedule
 - practical approach to amending 100s of INDV APPs
- Amendment Application Requirement
 - No later than 4 Years after effective date
- Baseline Discharge &/or Groundwater Monitoring Req.
 - Discharge: Monthly for 1 Year
 - Groundwater: Quarterly for 2 Years
 - Generate Report, thereafter
- No monitoring if pollutant is “unlikely” to be in discharge
 - Requires demonstration through characterization
 - Mines: unlikely to have Microbiologicals
 - WWTPs: unlikely to have certain metals
- ADEQ sets ALs, DLs &/or AQLs, if necessary
 - Set through amendment process, based on report



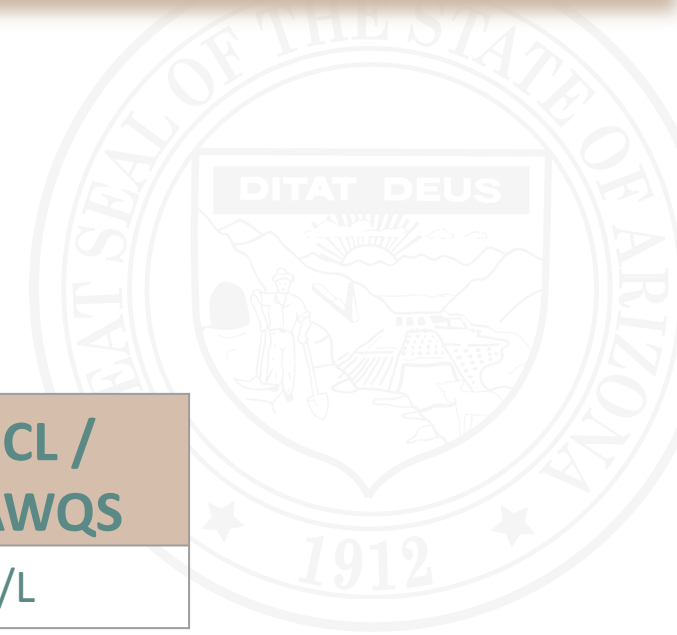
Arsenic AWQS - 18 AAC 11, Article 4

Pollutant	Current AWQS	Current MCL / Proposed AWQS
Arsenic	0.05 mg/L	0.010 mg/L



Uranium AWQS - 18 AAC 11, Article 4

Pollutant	Current AWQS	Current MCL / Proposed AWQS
Uranium	None	0.030 mg/L



Microbiological Contaminants AWQS - 18 AAC 11, Article 4

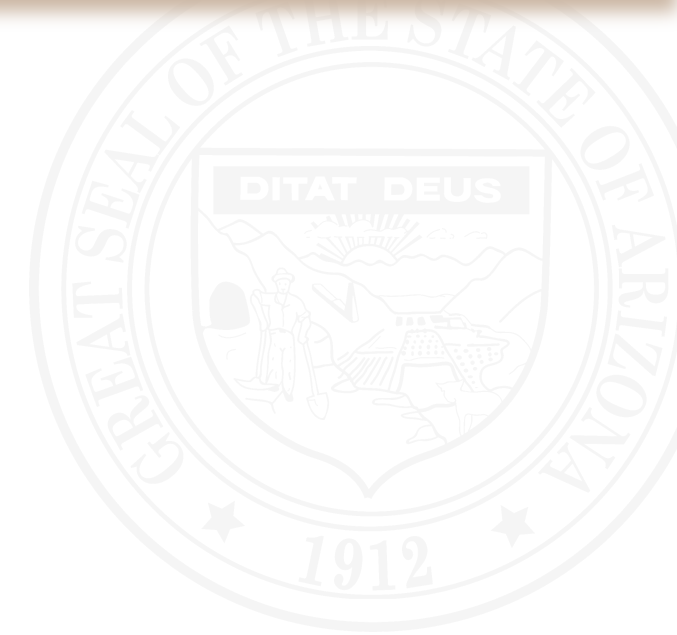
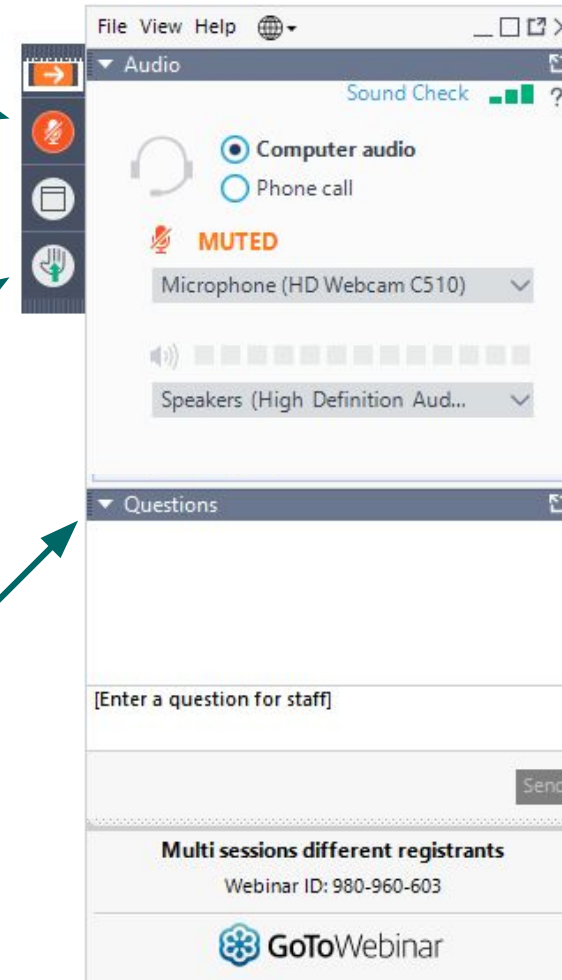
Pollutant	Current AWQS	Current MCL / Proposed AWQS
Microbiological Contaminants	A.A.C. R18-11- 406(F)	40 CFR 141.63(C) / Alternative

- F. Aquifer water quality standard for microbiological contaminants. The aquifer water quality standard for microbiological contaminants is based upon the presence or absence of either Fecal Coliform or *E.coli* in a 100-milliliter sample, depending on the requirement in the permit.
1. If a routine sample of Fecal Coliform is positive, a 100-milliliter repeat sample of either Fecal Coliform or *E.coli* shall be taken within five (5) days of becoming aware of the exceedance. A Fecal Coliform or *E.coli*-positive repeat sample following a Fecal Coliform-positive routine sample constitutes a violation of the aquifer water quality standard for microbiological contaminants.
 2. If a routine sample of *E.coli* is positive, a 100-milliliter repeat sample of *E.coli* shall be taken within five (5) days of becoming aware of the exceedance. An *E.coli*-positive repeat sample following a *E.coli*-positive routine sample constitutes a violation of the aquifer water quality standard for microbiological contaminants.

Disinfection Byproducts AWQS - 18 AAC 11, Article 4

Pollutant	Current AWQS	Current MCL / Proposed AWQS
Bromate	None	0.010 mg/L
Chlorite	None	1.0 mg/L
Haloacetic Acids	None	0.060 mg/L
Total Trihalomethanes	0.1 mg/L	0.080 mg/L

- Muted
- Raise your hand if you wish to comment verbally
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Aquifer Water Quality Standards

Thank you for attending today's Public Hearing.

If you were unable to make your comment during this hearing, or if you prefer, you may submit written comments via email to:

awqs@azdeq.gov

Written comments will end tonight, December 16th at midnight.

