

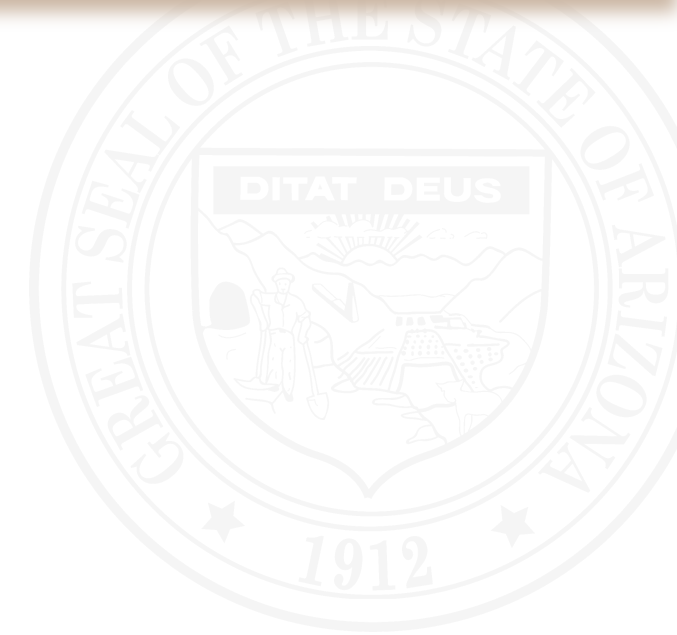
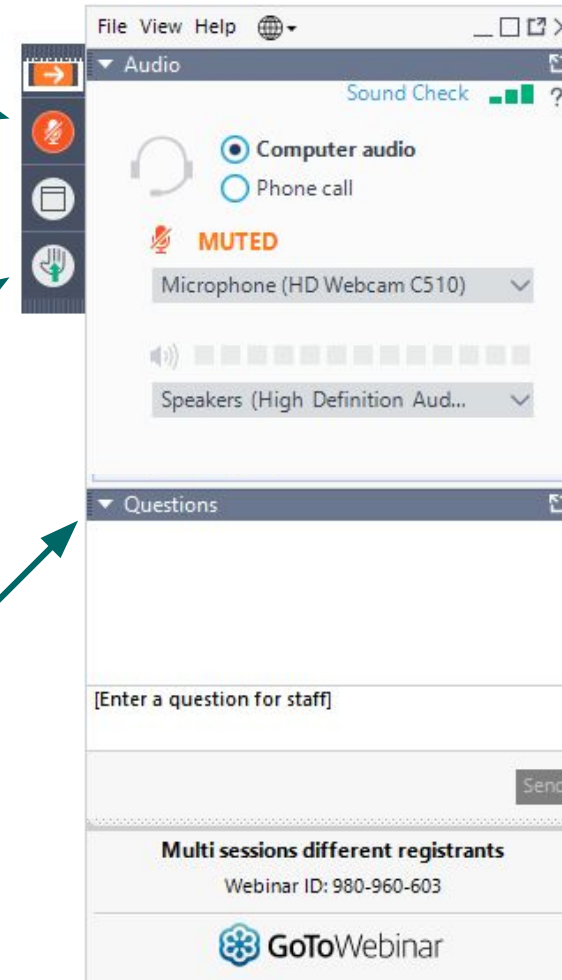
**ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY
PUBLIC HEARING FOR
ADVANCED WATER PURIFICATION (AWP) RULEMAKING:
NOTICE OF PROPOSED RULEMAKING (NPRM)**

Date: December 2, 2024 9:00 a.m.

Hearing Officer: David Lelsz, Ph.D.

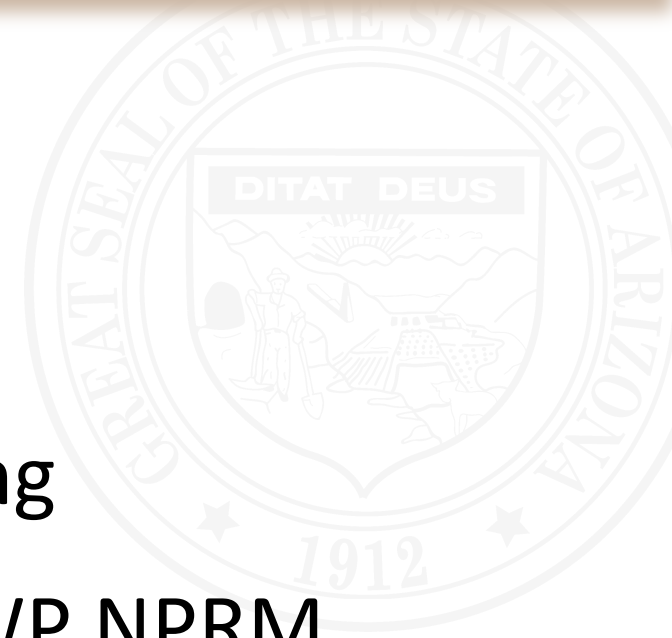


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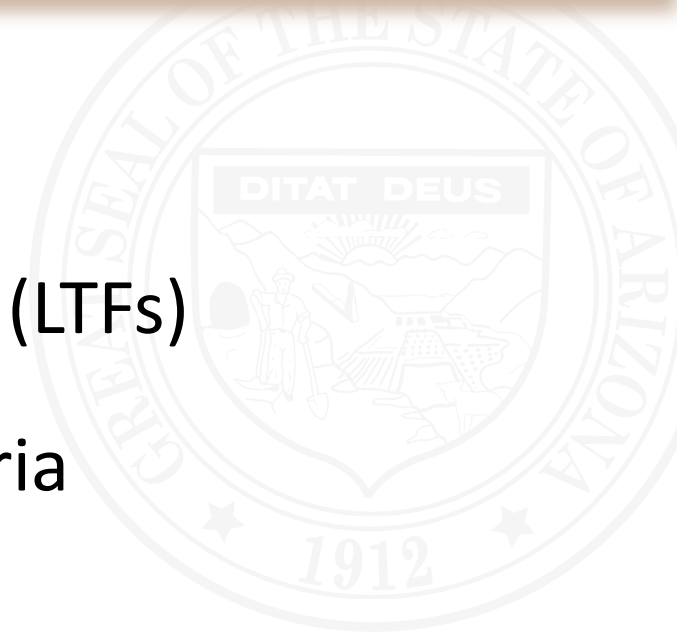


Today's Agenda:

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



- 4 NPRMs
 - 18 AAC 1, Article 5 - Licensing Time Frames (LTFs)
 - 18 AAC 5, Article 5 - Minimum Design Criteria
 - 18 AAC 9, Article 8 - Program Rules
 - 18 AAC 14, Article 1 - Fees



<u>ADVANCED WATER PURIFICATION PERMITS</u>				
<u>Permit</u>	<u>A.R.S. §§ 49-211</u>	<u>35</u>	<u>249</u>	<u>284</u>
<u>No public hearing</u>	<u>18 A.A.C. 9, Article 8</u>	<u>35</u>	<u>294¹</u>	<u>329</u>
<u>Public hearing</u>				
<u>Permit Renewal</u>	<u>A.R.S. §§ 49-211</u>	<u>35</u>	<u>186</u>	<u>221</u>
<u>No public hearing</u>	<u>18 A.A.C. 9, Article 8</u>	<u>35</u>	<u>231¹</u>	<u>266</u>
<u>Public hearing</u>				
<u>Demonstration Permit</u>	<u>A.R.S. §§ 49-211</u>	<u>35</u>	<u>249</u>	<u>284</u>
<u>No public hearing</u>	<u>18 A.A.C. 9, Article 8</u>	<u>35</u>	<u>294¹</u>	<u>329</u>
<u>Public hearing</u>				
<u>Significant Amendment</u>	<u>A.R.S. §§ 49-211</u>	<u>35</u>	<u>249</u>	<u>284</u>
<u>No public hearing</u>	<u>18 A.A.C. 9, Article 8</u>	<u>35</u>	<u>294¹</u>	<u>329</u>
<u>Public hearing</u>				
<u>Minor Amendment</u>	<u>A.R.S. §§ 49-211</u>	<u>35</u>	<u>100</u>	<u>135</u>
	<u>18 A.A.C. 9, Article 8</u>			
<u>Demonstration Permit</u>	<u>A.R.S. §§ 49-211</u>	<u>35</u>	<u>186</u>	<u>221</u>
<u>Significant Amendment</u>	<u>18 A.A.C. 9, Article 8</u>	<u>35</u>	<u>231¹</u>	<u>266</u>
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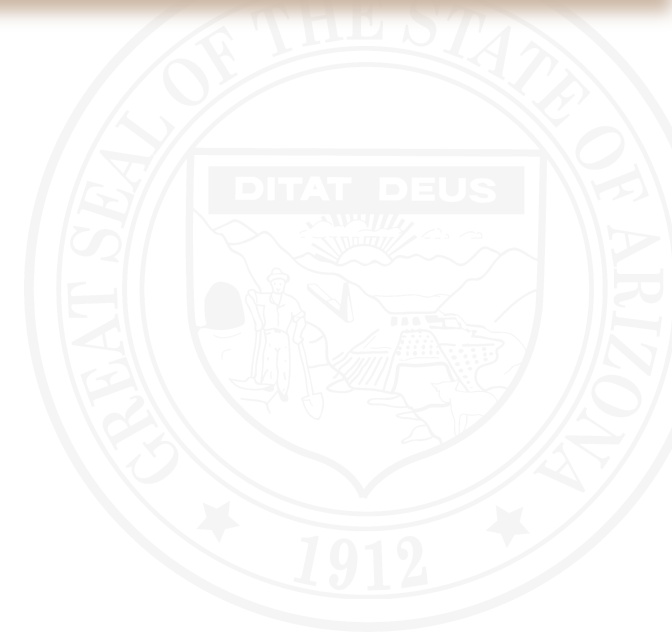
Program 1

PART A. GENERAL PROVISIONS

- R18-9-A801. Definitions
- R18-9-A802. Program Review
- R18-9-A803. Applicability of Safe Drinking Water Act

PART B. GENERAL PROGRAM REQUIREMENTS

- R18-9-B804. Advanced Water Treatment Operator Certification
- R18-9-B805. Advanced Water Purification Responsible Agency Formation
- R18-9-B806. General Requirements
- R18-9-B807. Inspections, Violations, and Enforcement
- R18-9-B808. Recordkeeping
- R18-9-B809. Compliance with Plans
- R18-9-B810. Record Drawings
- R18-9-B811. Outreach; Public Communications Plan



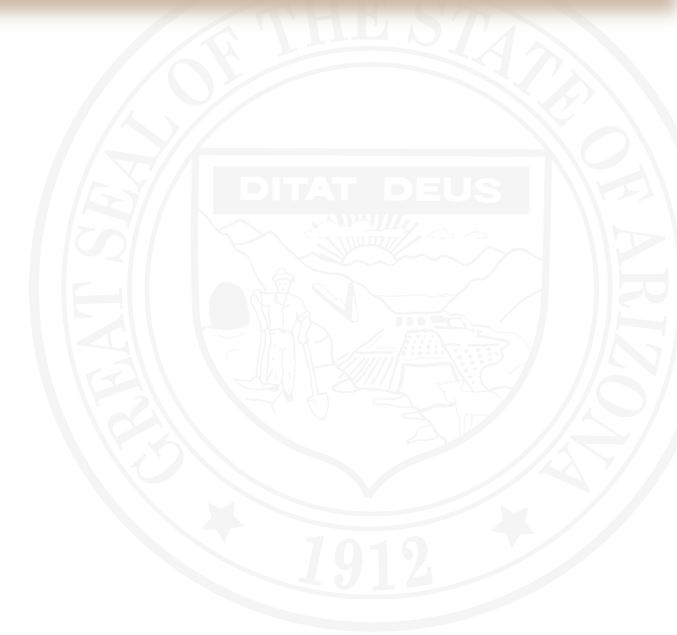
Program 2

PART C. PRE-PERMIT AND PERMIT REQUIREMENTS

- R18-9-C812. Pre-Application Conference; Project Advisory Committee
- R18-9-C813. Applicant Pathways
- R18-9-C814. Initial Source Water Characterization
- R18-9-C815. Pilot Study
- R18-9-C816. Permit Application
- R18-9-C817. Demonstration Permit
- R18-9-C818. Compliance Schedule

PART D. GENERAL PERMIT REQUIREMENTS

- R18-9-D819. Public Notice
- R18-9-D820. Public Participation
- R18-9-D821. Permit Amendments
- R18-9-D822. Permit Term; Permit Renewal
- R18-9-D823. Permit Suspension, Revocation, Denial, or Termination

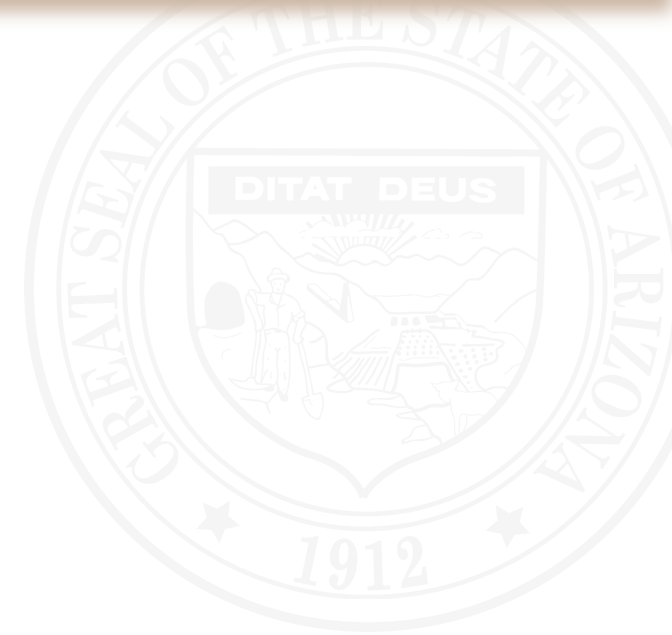


PART E. CONSTITUENT CONTROL, MONITORING, AND REPORTING

- R18-9-E824. Enhanced Source Control
- R18-9-E825. Tier 1 Chemical Control; Maximum Contaminant Levels
- R18-9-E826. Tier 2 Chemical Control; Advanced Water Purification-Specific Chemicals
- R18-9-E827. Tier 3 Chemical Control; Performance-Based Indicators
- R18-9-E828. Pathogen Control
- R18-9-E829. Ongoing Monitoring Requirements
- R18-9-E830. Reporting Requirements
- R18-9-E831. Annual Report

PART F. TECHNICAL AND OPERATIONAL REQUIREMENTS

- R18-9-F832. Minimum Design Requirements
- R18-9-F833. Technical, Managerial, and Financial Demonstration Requirements
- R18-9-F834. Total Organic Carbon Management
- R18-9-F835. Full Scale Verification
- R18-9-F836. Operations Plan
- R18-9-F837. Vulnerability Assessment

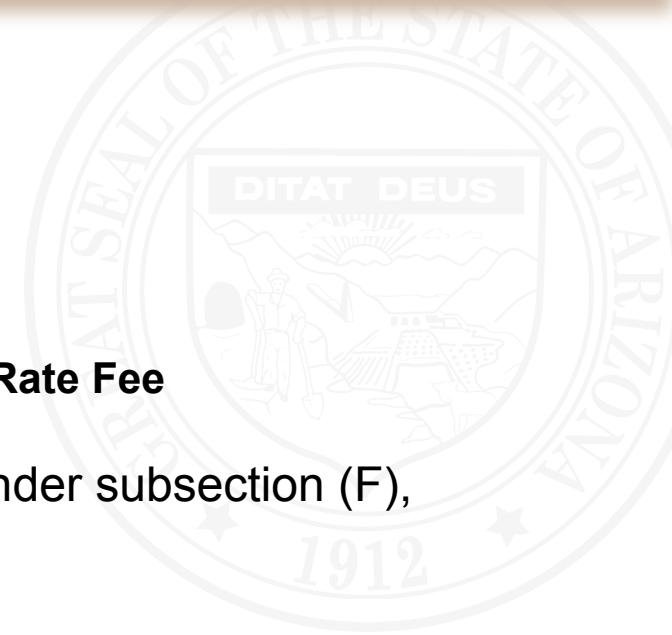


R18-14-102. Hourly Rate and Maximum Fees for Water Quality Protection Services

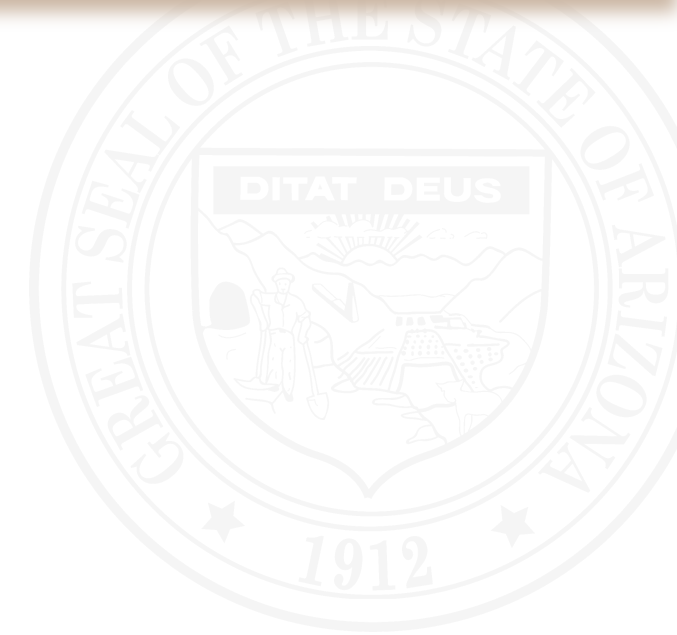
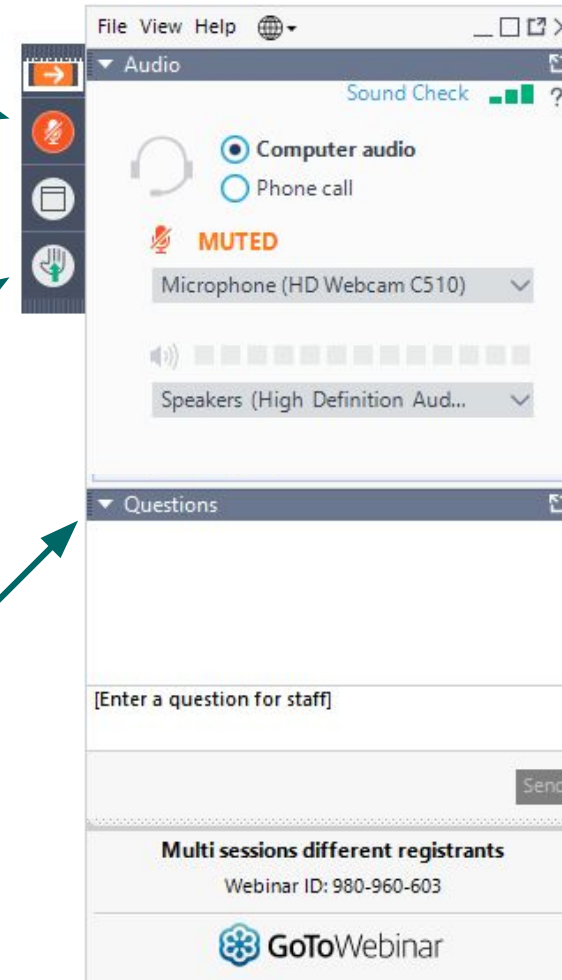
B. "...hourly rate of \$223..."

R18-14-104. Annual Fees for Water Quality Protection Services Subject to Hourly Rate Fee

E. The Department shall assess an annual fee of \$101,250, adjusted annually under subsection (F), for AWP permits and for AWP Demonstration permits.



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



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:

reuserulemaking@azdeq.gov

Written comments will end tonight, December 2nd at midnight.

