

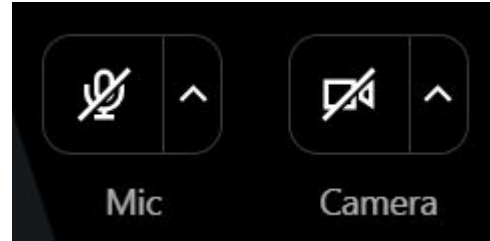


# **Public Water System Minimum Design Criteria Rulemaking (MDCR) Kickoff Meeting**

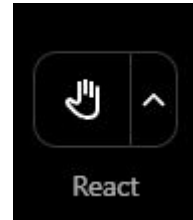
April 2, 2026

# Online Tools

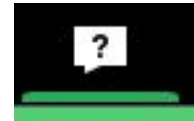
Muted (bottom, middle)



Raise hands (bottom, left)



Use the Question Tool (top, right)



# Agenda

- Welcome and Housekeeping
- What are we doing and why?
- Where are we going?
- What have we heard thus far?
- Open Discussion
- Closeout and next steps



# Tips for a Good Meeting

- Share from your experience and perspective
- Please listen when others are speaking
- Allow space for all to participate
- Be generous
- We ask that all present be respectful and kind and we believe that this will lead to good outcomes

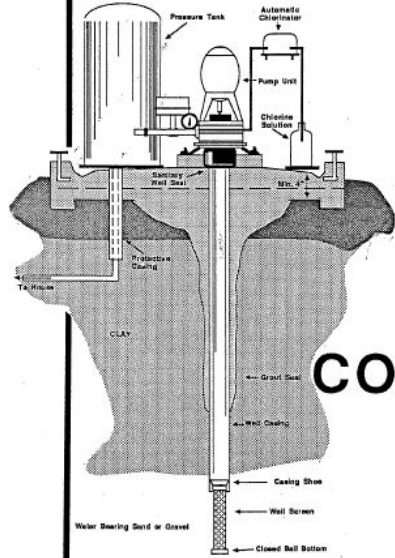




# May 1978

What is the significance of this date?

engineering bulletin no. 10



# GUIDELINES FOR THE CONSTRUCTION OF WATER SYSTEMS

**Bulletin 10  
was  
published  
in 1978!**



ARIZONA DEPARTMENT OF  
ENVIRONMENTAL QUALITY

MAY 1978

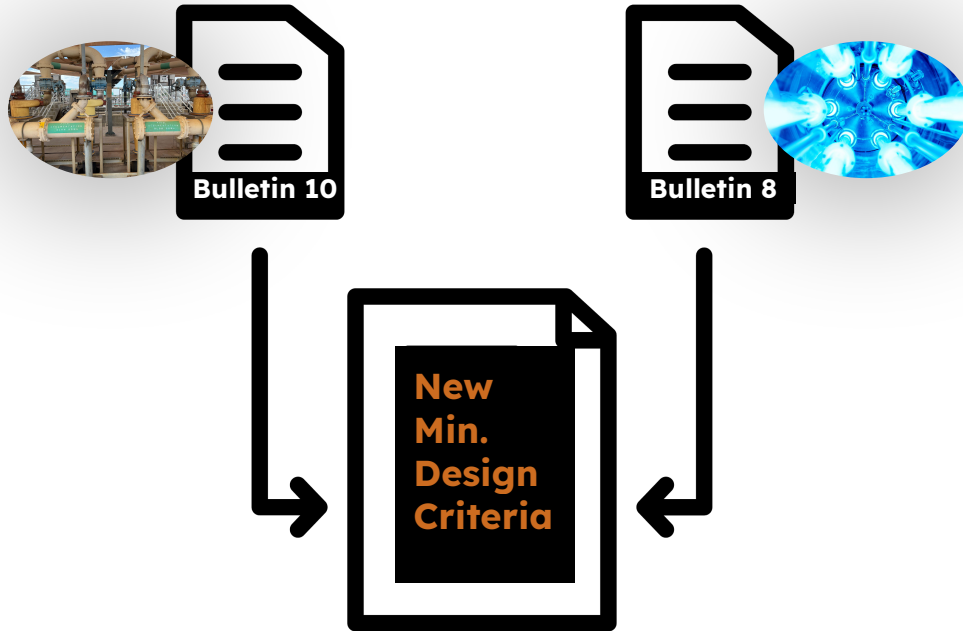
# What is the Minimum Design Criteria (MDC) Update?

## Update Standards:

Existing engineering rules reflect 1978 standards and practices. Update 18 A.A.C. 5, Article 5, to reflect more current standards.



# What is in the MDC Update?



## Consolidate Requirements:

Introduce a new **Minimum Design Criteria (MDC)** document that will supersede both Engineering Bulletin 10 & Engineering Bulletin 8.

# Intended Outcome of the MDC Update?

## Key Benefits:

- Improve **regulatory clarity** for design and application processes.
- Ensure **public health protections**.
- Modernize to **current industry practices**.
- Align with **Safe Drinking Water Act (SDWA)** requirements, especially those that have changed over time.



It's a clarifier! (Get it?)

# Why Update Now?

**Prioritization** of the Drinking  
Water Program Foundation

&

Allocation of **Resources**



**And....**

**we're excited!**



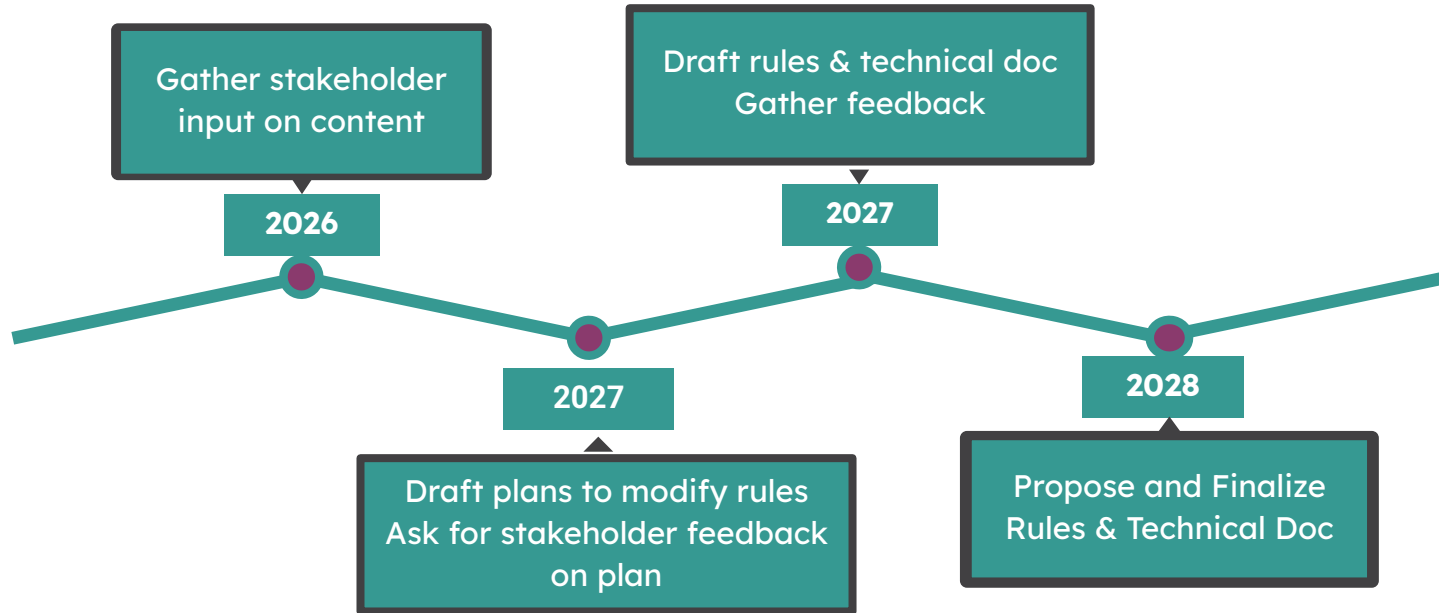
# Listening First, Drafting Second

We need your input and feedback to ensure these rules work in the real world.



# Where are we going?

- Update rules in 18 AAC 5, Art. 5 (PWS design and approvals)
- Includes updating Bulletin 8 (disinfection) and Bulletin 10 (technical design criteria)



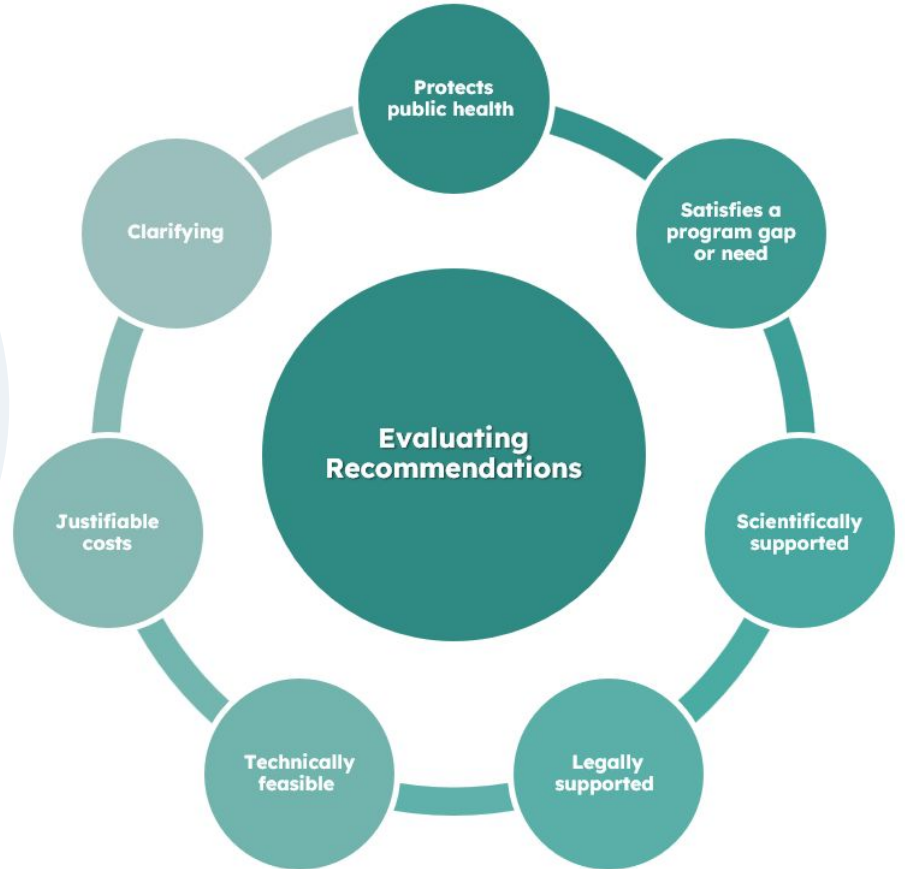
# Stakeholder Engagement Sessions (Virtual)



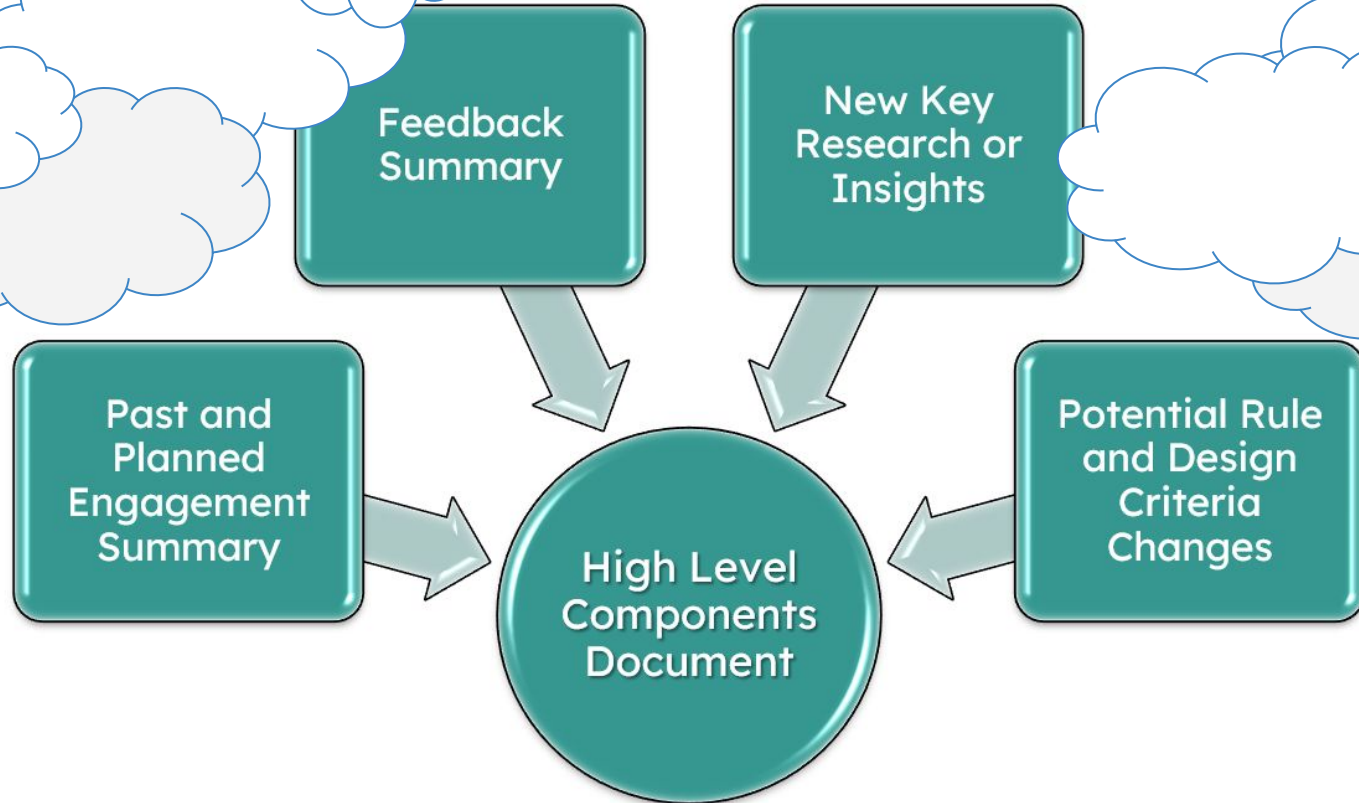
- ✓ Analyzing feedback from engagement sessions, along with the survey, and standalone research.
- ✓ Drafting High Level Components (HLC), or Roadmap - intended direction.

**Note:** Targeted engagement sessions (in parallel): reach out at [pws.mdcr@azdeq.gov](mailto:pws.mdcr@azdeq.gov)

# Critical Path Criteria to Review Ideas



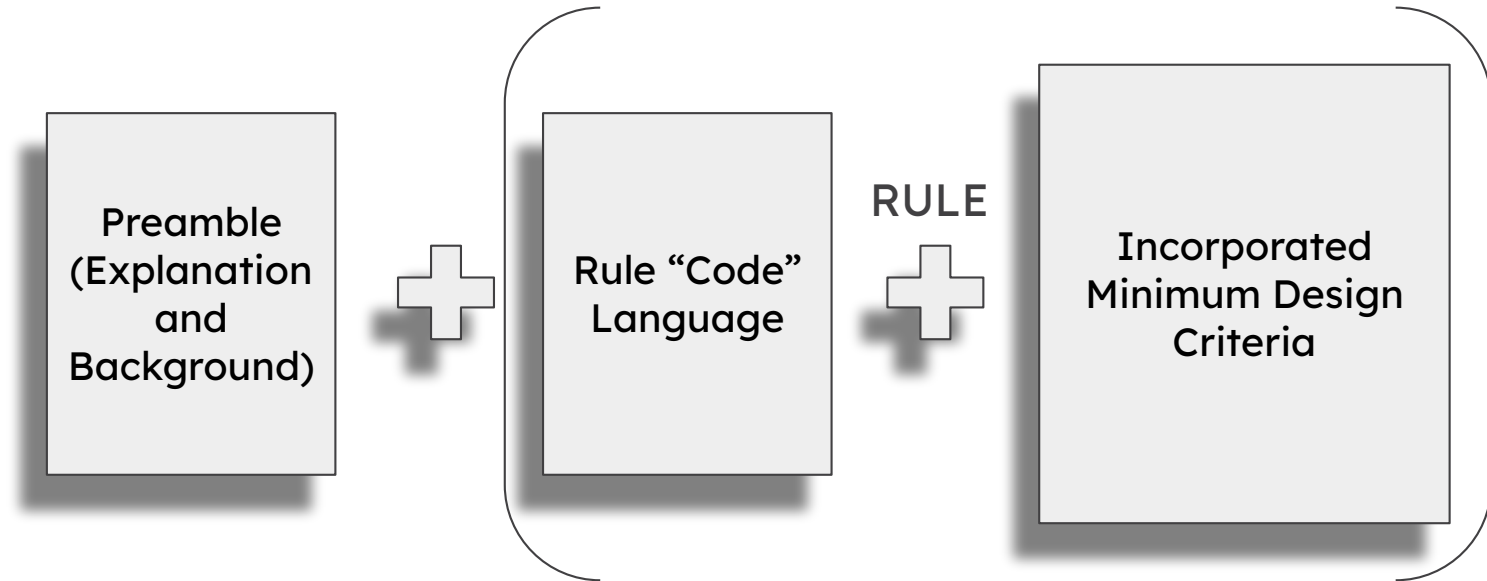
# What Will High Level Components Look Like?



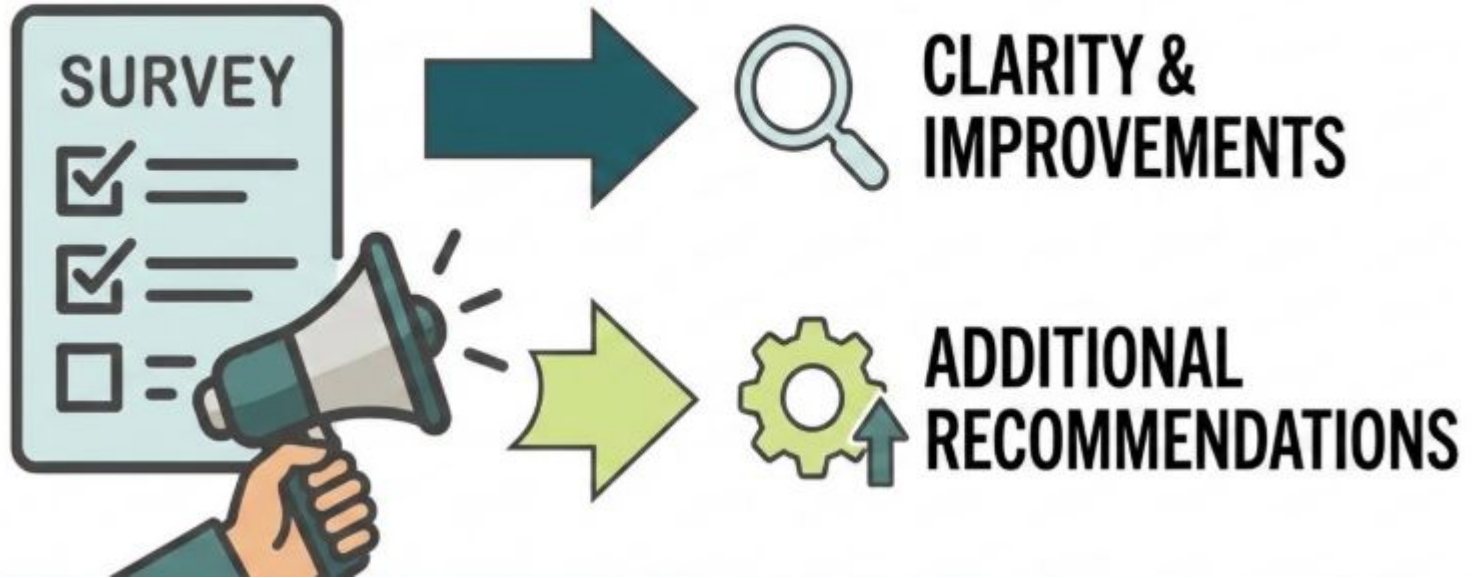
# Rulemaking - Draft and Proposed and Final

High Level Components → *DRAFT* Proposed Rule Notice →

*Formal Proposed* Rule Notice → Formal *Final* Rule Notice



# Survey Results: What We Heard



# Clarity, Improvements & Additions



**Rules  
Unclear**



**Highlight  
Changes**



**Align with  
Ten State &  
MAG Detail 404**

# How to Stay Involved

We are here to listen. Don't wait for the formal comment period to comment. We want to hear from you.



[bit.ly/4m8jZv9](https://bit.ly/4m8jZv9)



[bit.ly/4sRiPLa](https://bit.ly/4sRiPLa)



# Minimum Design Criteria for Public Water Systems and Related Infrastructure

Revised On: Feb. 10th, 2026 - 08:49 am

## Summary:

ADEQ intends to update its public water system design and application process rules in 18 A.A.C. 5, Article 5, Minimum Design Criteria for Public Water Systems.

- Article 5: Minimum Design Criteria for Public Water Systems | [View Article 5 >](#)

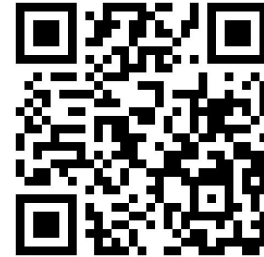
ADEQ's rules for public water system Minimum Design also include Engineering Bulletins 8 and 10 via incorporation by reference in A.A.C. R18-5-502:

- Engineering Bulletin 8 — Disinfection of Water Systems | [View Bulletin 8 >](#)
- Engineering Bulletin 10 — Guidelines for the Construction of Water Systems | [View Bulletin 10 >](#)

The Minimum Design Criteria Guidelines (Engineering Bulletin 10) and rules for public water systems and related infrastructure in Article 5 currently reflect engineering standards and practices from 1978. The rules and incorporated technical requirements will be updated to reflect current industry standards and practices.

← Rulemaking Website

[azdeq.gov/rulemaking/minimum-design-criteria](https://azdeq.gov/rulemaking/minimum-design-criteria)



More information and content to come (e.g., external survey).

# Finding MDCR Webpage from the ADEQ Homepage (azdeq.gov)



Click on the “Laws/Rules/Policy” tab.



Laws/Rules/Policies

Click “View” under Active Rulemakings  
([azdeq.gov/active-rulemakings](https://www.azdeq.gov/active-rulemakings))



Active Rulemakings

ADEQ maintains a list of active rulemakings | [View >](#)

Under the Water Quality subheading, click  
on “View” next to Minimum Design Criteria  
for Public Water Systems



Water Quality

- Drinking Water Rule Updates to Conform to Federal Requirements | [View >](#)
- [Minimum Design Criteria for Public Water Systems](#) | [View >](#)
- Nonpoint Source Discharges: Remediation of Abandoned Hardrock Mines. In:

# Thank you for your partnership!

## MDCR Team:

- Matthew Olson
- Sara Dekkiche
- Heidi Welborn
- Stephanie Huang
- Hafez Ahmed
- Nicole Rubenstein

[PWS.MDCR@azdeq.gov](mailto:PWS.MDCR@azdeq.gov)