

Tribal Consultation Kickoff Meeting

Arizona Primacy for the Underground Injection Control (UIC) Program

Arizona Department of Environmental Quality

May 10, 14, 16, 2019



Partnership

- Continued partnership between the state and tribal nations

Communication

- Enhanced communication between the state and tribal nations

Mutual Understanding

- Mutual understandings of:
 - what is important to each sovereign nation and to the state
 - the process ADEQ will follow to take over the federal UIC program
 - how tribes and the state will interact after the state obtains primacy

Why adopt the UIC program?

- State oversight to ensure groundwater protection
- Streamline and avoid duplicative requirements
- EPA wants states to seek authority for administering these federal programs



What is ADEQ's Plan?

Current (EPA)	<p>UIC wells currently permitted through EPA</p> <p>Currently dual permitting with Arizona's Aquifer Protection Permit (APP) Program and EPA UIC program</p>
Future (ADEQ)	<p>ADEQ would issue all UIC permits</p> <p>If a UIC permit is issued by the state, then no APP would be required</p>

APP

- Arizona State program to protect groundwater as a source of drinking water

UIC

- Federal program to protect underground sources of drinking water (USDWs)



No More Than Arizona Statutory Ceiling



No Less Than EPA's Requirements Floor



How does EPA's UIC Program Operate?

EPA regulates injection wells used to place fluids underground for Storage or Disposal

- Construction
- Operation
- Permitting
- Closure

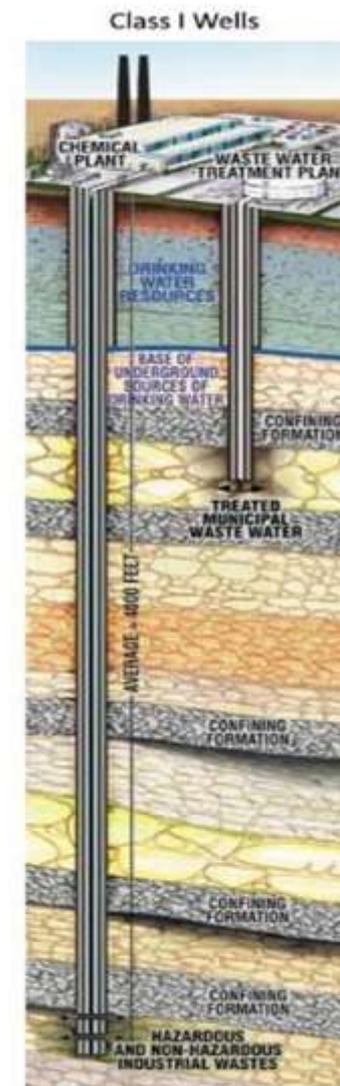


The Safe Drinking Water Act (SDWA) allows States to assume primacy of UIC if certain requirements are met.

- Arizona must satisfy EPA requirements to obtain UIC primacy.

What are Underground Injection Wells?

UIC Well Class	Description	Current UIC Facilities in Arizona
I	used to inject hazardous and non-hazardous wastes deep underground	none
II	used to inject fluids associated with oil and natural gas production.	none
III	used to inject fluids to dissolve and extract minerals.	3
IV	Prohibited shallow wells used to inject hazardous wastes.	none
V	used to inject non-hazardous fluids underground. Includes drywells, large septic systems, groundwater storage wells	> 10,000 authorized by rule
VI	used for injection of carbon dioxide (CO2) into underground subsurface rock formations.	none



UIC Program Adoption Process



Initial Stakeholder Meetings

- 2nd -3rd Quarters of 2018

Share High Level Program and Rule Components

- 4th Quarter of 2018

Stakeholder Meetings on Preliminary Draft Rule

Formal Rule Process (Public Hearing, GRRC)

Submit Program Application to EPA

Schedule a consultation meeting today?

Consult internally and let ADEQ know?

Other ways to communicate and consult?

- To subscribe to ADEQ announcements via GovDelivery, click “subscribe” on bottom right of the ADEQ home page
- [Subscribe](#) specifically to the “UIC Primacy Stakeholders” list



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Technical questions?

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