Underground Injection Control (UIC)
High Level Overview of Proposed Rule

December 14, 2018
The Underground Injection Control Program

- Permitting
- Construction
- Operation
- Closure

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

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.
Approach to Developing Proposed Rules

- Analyzed the current EPA rule structure.
- Studied the rule structure of states with UIC primacy.
- Best approach is to use EPA rule structure tailored to meet the needs of Arizona.
Justification for Approach

- Focus on Guiding Principles and Design Values
- Ensures Stringency Equal to EPA program
- Simplify and Expedite EPA Primacy Review Process
- Eases Transition for Permittees from EPA to Arizona UIC program
State UIC Program Requirements

40 C.F.R. Part 145 UIC Program

- Permitting
- Compliance Evaluation
- Enforcement
- Sharing Information
40 C.F.R. Part 144 UIC Program

- Authorization by Rule
- Authorization by Permit
  - Permit Conditions
  - Financial Assurances
- Requirements for Owners/Operators of UIC wells
High Level Overview of Proposed Rule

40 C.F.R. Part 146 UIC Criteria and Standards

- Criteria for Exempted Aquifers
- Classification of Injection Wells
- Area of Review
- Corrective Action
- Mechanical Integrity
- Plugging and Abandonment
High Level Overview of Proposed Rule

**40 C.F.R. Part 124 Procedures for Decision Making**

- Application Process
- Modification, Revocation, Reissuance, and Termination
- Draft Permits
- Fact Sheets
- Public Involvement (Notice, Comments, Hearing)
- Issuance and Effective Date of Permit
- Appeals
AZ UIC Primacy Boundaries

No More Than Arizona Statutory Ceiling
A.R.S. § 49-104(A)(16)

No Less Than EPA’s Requirements Floor
40 C.F.R. § 145.11(a)
<table>
<thead>
<tr>
<th>Tribal Lands Regulation</th>
<th>Authorization by Rule for Existing Class 1,2, and 3 wells</th>
<th>Hazardous Waste Disposal</th>
</tr>
</thead>
</table>

Examples of Language Removal
Examples of Proposed Language Changes

Examples of Language Tailored to Arizona

| Simplifying Class V Notifications through existing AZ Notifications | Compliance with ADHS Laboratory Requirements | Arizona Confidentiality Requirements |
### Examples of Discretionary Language

<table>
<thead>
<tr>
<th>Expiring Permit Continuance</th>
<th>Transitioning from Class II to Class VI wells</th>
<th>Names and Addresses of nearby Landowners</th>
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Examples of Proposed Language Changes
ADEQ has sent letters requesting consultation to all 22 recognized tribes in Arizona.

We expect to meet with interested Tribal Leaders beginning in January 2019.
ADEQ anticipates presenting proposed draft rule language in the 3rd Quarter of 2019.

ADEQ Proposed Communication Schedule

- Quarterly updates to stakeholders (via Govdelivery).
- Updates for unforeseen developments requiring stakeholder input.
- Next Stakeholder Meeting set after initial draft rule is sent to stakeholders.
**Projected Timeline**

**Initial Stakeholder Meetings**
- **2nd - 3rd Quarters of 2018**

**Provide High Level Program and Rule Overview**
- **4th Quarter of 2018**

**Stakeholder Meetings on Preliminary Draft Rule**
- **3rd Quarter of 2019**

**Formal Rule Process (Public Hearing, GRRC)**
- **1st Quarter of 2020**

**Submit to EPA**
- **2nd Quarter of 2020**
Voice of the Customer (You)

What do you value?

What questions do you have about UIC rulemaking?

What concerns do you have about the schedule?

What pitfalls do you see?

This is the part where we listen to you.

What do you value?
To subscribe to ADEQ announcements via GovDelivery, click “subscribe” on bottom right of the ADEQ home page

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Email: uic@azdeq.gov