

State of Utah Perspective

by

Kenneth H. Bousfield, P.E.

Utah Division of Drinking Water

Rule Implementation

- Enabling state rules
- Policies, procedures and strategies
- Trained: staff, water systems & consultants/equipment suppliers
- Compliance tracking
- Enforcement
- EPA reporting

Heartland Mobile Home Park



Pump House



Farm



Arsenic Treatment Cost Estimates

- AWWA Arsenic Work Group
 - \$ 230.37 per month per customer
- Culligan POU devise
 - \$ 30.00

POU/POE Enabling Rules

- When POU/POE could be used
- Demonstrated capabilities
- O&M Agreements
- Plan Review
 - Pre-approval public meeting
 - Pre-installation meeting

100% Participation Issue

- Public meeting/presentation
- Majority favor the proposal
- Individual households could opt out with a “understand and accept the risk” signed statement

Maintenance Issue

- Plan Review
 - Maintenance contract
- Pre installation conference
 - The state
 - The system
 - The O&M provider
- Instructions to O&M provider

Sampling Issue

- Sampling plan
- Surrogate measures to trigger O&M

Conclusions:

- State rules need to enable POU/POE devices
- POU/POE issues need to be addressed
- Implementation with partnerships involving: State-Utility-POU/POE provider