

	<b>Water Quality Division</b> <b>Substantive Policy</b>	Page 1 of 4 plus Attachment
	<b>Point-of-Entry and Point-of-Use</b> <b>Treatment Devices</b>	Rev.
		Effective:

This Substantive Policy statement is advisory only. A substantive policy statement does not include internal procedural documents that only affect the internal procedures of the agency and does not impose additional requirements or penalties on regulated parties or include confidential information or rules made in accordance with the Arizona Administrative Procedure Act. If you believe that this substantive policy statement does impose additional requirements or penalties on regulated parties, you may petition the agency under Arizona Revised Statutes section 41-1033 for a review of the statement.

## 1.0 Purpose

This policy establishes the guidance document “Arizona Point-of-Entry and Point-of-Use Treatment Devices Compliance Program Guidance” as the recommended approach to satisfy the rule requirements in A.A.C. R18-4-218 and R18-4-103 (40 CFR 142.62 (h)).

This policy will assist public water systems choosing POE/POU treatment devices as their means of compliance with the level of public health protection required by the Safe Drinking Water Act (SDWA).

## 2.0 Definitions

**A.A.C.** – Arizona Administrative Code

**ADEQ** - Arizona Department of Environmental Quality

**C.F.R** – Code of Federal Regulations

**MCL** – Maximum Contaminant Level, which is the highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

**Point-of-Entry treatment device** - a treatment device typically installed after the water meter and that treats all potable water entering a building.

**Point-of-Use treatment device** - a treatment device typically installed at a single water tap/faucet such as the kitchen sink and that will treat only the water intended for direct consumption at that tap/faucet.

**Safe Drinking Water Act** – a federal law that protects public drinking water supplies throughout the nation. Under the SDWA, the Environmental Protection

Agency sets standards for drinking water quality and oversees various technical and financial programs to ensure drinking water safety.

### **3.0 Policy Statement**

- 3.1 A POE/POU treatment device cannot be used to comply with a MCL or treatment technique requirement for a microbial contaminant;
- 3.2 A POE/POU treatment device must provide health protection equivalent to the health protection provided by centralized water treatment;
- 3.3 A POE/POU treatment device must be listed in 40 CFR §141 as an acceptable compliance technology for the applicable contaminant;
- 3.4 A POE/POU treatment device must be independently certified as conforming to an applicable American National Standards Institute (ANSI) / National Sanitation Foundation (NSF) standard, if one exists;
- 3.5 A public water system must obtain ADEQ approval of the design of the POE/POU program pursuant to A.A.C. Title 18, Chapter 5, Article 5,
- 3.6 A public water system must obtain ADEQ approval of an operation and maintenance plan (O&M plan) ensuring proper long-term operation, maintenance, and monitoring of the POE/POU treatment devices;
- 3.7 A POE/POU treatment device must be owned, controlled, and maintained by the public water system or maintained by a person under contract with the public water system to ensure proper operation and maintenance and compliance with the MCL and other requirements;
- 3.8 Buildings connected to the system must have a sufficient number of POE/POU treatment devices installed to provide adequate potable water for all residents, employees, and customers;
- 3.9 Minimum rights and responsibilities of persons served by the public water system must be conveyed with the title upon the sale of property containing a POE/POU treatment device, and
- 3.10 A POE/POU treatment device be equipped with mechanical warnings to ensure that customers are automatically notified of operational problems.

### **4.0 Audience**

- 4.1 General Public
- 4.2 Public Water System Owners and Operators
- 4.3 Engineers/Consultants
- 4.4 Delegated Counties
- 4.5 ADEQ Drinking Water Value Stream

**5.0 Policy Steward (Position Responsible for Implementing & Maintaining the Policy – Title/Unit/Section/Division)**

Manager, Drinking Water Programs Unit, Drinking Water Section, Water Quality Division

**6.0 Communication & Training**

This policy will be noticed in accordance with A.R.S. § 41-1091. This policy will be provided to delegated counties, posted on the ADEQ website and updated as needed. Training will be provided to ADEQ and delegated counties' staff.

**7.0 Review, Audit & Revision Schedule**

Public water systems seeking to use POE/POU treatment devices for compliance with drinking water standards must submit an application in accordance to this guidance.

This policy is a revision of the 2005 Public water system Point-of-Use Compliance Program Manual. The 2020 revision will supersede the 2005 guidance document. This policy will be reviewed every two years.

**8.0 Additional Documentation Templates and Checklists**

*Attachment A – Arizona Point-of-Entry/Point-of-Use Treatment Devices Compliance Program Guidance*

**9.0 Approved by:**

Title	Name	Signature	Date
ADEQ Director	Misael Cabrera		
ADEQ Water Quality Division Director	Trevor Baggioire		
Administrative Counsel	Edwin Slade		

**10.0 Historical Note**

<b>Date</b>	<b>Number, Name and Issue Date of Previous Version</b>	<b>Replaces Listed Sections/Entire Document</b>	<b>Reason</b>
TBD	Policy No. 3009-000 Public water system Point-of-Use Compliance Program Manual June 26, 2005	Replaces entire document	Changes in ADEQ's interpretation of rules related to POE/POU treatment devices

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