



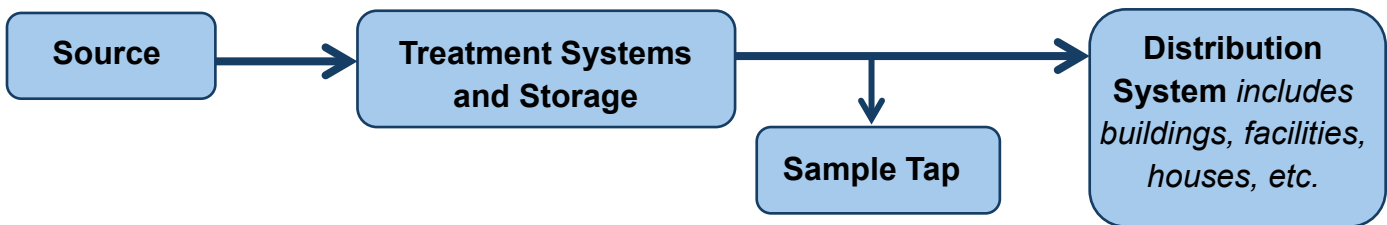
Center for Drinking Water Quality Point-of-Entry Sample Tap Configurations

Rhode Island Requires Point-of-Entry Water Monitoring

Rhode Island requires that public water systems monitor water after it has gone through any treatment or storage, before it enters the distribution system (see *Rhode Island Regulations, Finished water sampling point 216-RICR-50-05-1.2(A)(55)**). Samples collected from a point-of-entry water sample tap show the quality of the finished water entering the distribution system.

Configuration

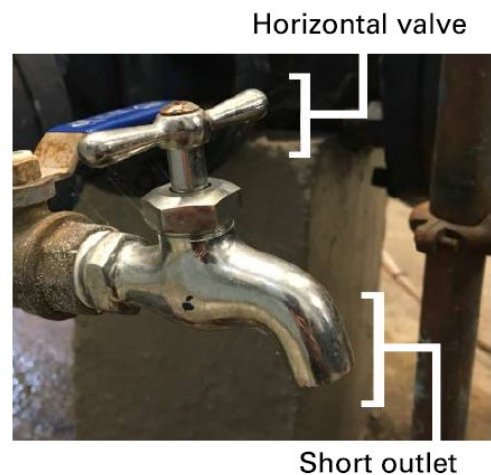
The point-of-entry sample tap must be installed downstream of point-of-entry treatment systems/storage and upstream of the first consumer or any buildings or facilities in the distribution system, as shown in the configuration below. Use a smooth-nosed tap for the point-of-entry sample tap so the outlet can be properly disinfected.



Design Requirements

Hire a licensed plumber** to install the point-of-entry sample tap configuration. Ensure that all components are installed, maintained, and replaced according to manufacturer's standards. The configuration should have:

- A sampling tap with a horizontal valve and a short outlet (as shown in photo);
- An outlet that will drain completely when valve is closed (for example, it is not a vertical pipe with a gooseneck down);
- An outlet that you can easily disinfect with bleach; and
- A valve and outlet that are at least 18 inches above the floor so a sample bottle and a bucket (for flushing, if needed) can fit below the tap.



*Public Drinking Water Regulations: rules.sos.ri.gov/regulations/part/216-50-05-1

**Find a licensed plumber: bit.ly/dltlicense

If you have questions about the information in this document, contact the Center for Drinking Water Quality by calling 401-222-6867 or emailing RIDOH.EngineeringDWQ@health.ri.gov