

Drinking Water Quality

Operating Board Briefing

March 3, 2016

The logo for Seattle Public Utilities, featuring the text "Seattle Public Utilities" in a serif font, with a circular emblem containing a stylized "S" and "U" to the left of the word "Public".

Seattle
Public
Utilities

Agenda

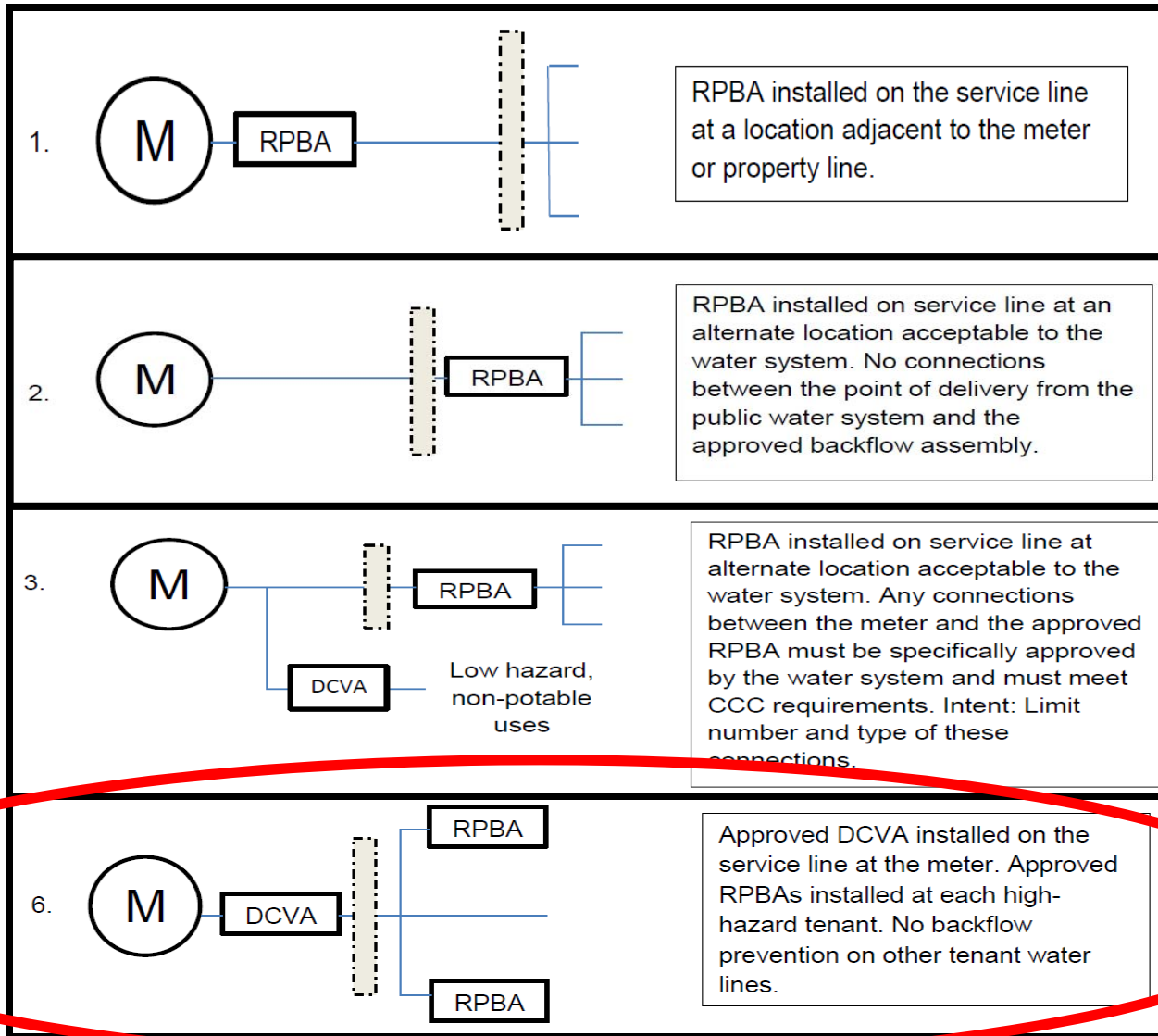
- **Highlights from 3 Cities / DOH Meeting Feb 17th**
 - Cross Connection Control
 - Water Main Disinfection
 - Revised Total Coliform Rule
 - Partial Treatment Interruptions
 - Flint Story Impacts

Cross Connection Control

- Table 9 (high hazard site) Premise Isolation
 - Multitenant or multistory locations
 - Pre-existing (not new construction)
- Existing WAC Language.....

*When premises isolation assemblies are installed at an alternate location acceptable to the purveyor, the purveyor shall ensure that there are no connections between the point of delivery from the public water system and the approved backflow assembly, **unless the installation of the connection meets the purveyor's cross-connection control requirements and is specifically approved by the purveyor**".*

Cross Connection Control



Cross Connection Control

- Issues
 - Consistent application of the WAC – eastern vs. western WA
 - Ability to inspect assemblies, document
 - Practical implementation that protects customer health
- Next Steps
 - SPU coordinating response to WDOH
 - Would like discussion or input from other utilities as well

Water Main Disinfection

- AWWA C651 Disinfection standard
 - CT 3800-4500.
 - Research Foundation #4307 CT100 in conjunction with flushing.
 - Tacoma (Scott H.) to coordinate 3-city input with idea of developing a “local standard”
- “Type 3” break where depressurization occurs away from main break site.
 - Guidance vs. regulatory requirement
 - WDOH protocol vs WRF #4307
 - SPU (Wylie H.) to draft Seattle response and topic for further discussion.

Revised Total Coliform Rule

- Effective April 2016
- Level 1 assessments replace Tier 2 Public Notification
 - A PWS collecting fewer than 40 samples per month has 2 or more TC+ routine/ repeat samples in the same month
 - A PWS collecting at least 40 samples per month has greater than 5.0 percent of the routine/repeat samples in the same month that are TC+
 - A PWS fails to take every required repeat sample after any single TC+ sample
- Level 2 assessments
 - A PWS incurs an *E. coli* MCL violation
 - A PWS has a second Level 1 Assessment within a rolling 12-month period
 - A PWS on state-approved annual monitoring has a Level 1 Assessment trigger in 2 consecutive years
- Interest in regional team participation for Level 2 assessments?
- More information at
 - <http://www.doh.wa.gov/Portals/1/Documents/4200/H2Ops-Nov2015.pdf>

Flint Story Impacts

- SPU, Tacoma, Everett experiences:
 - Everett Herald, Tacoma News Tribune articles.
 - Policy briefings. Limited consumer calls.
 - Pb goosenecks may still exist – utility action plans.
 - Limitations of LCR and Pb risk – expect rule revisions.
 - Distribution system corrosion control optimization, reporting.
- Increased customer awareness and inquiries
 - Expanding information in CCR
- Water Research Foundation Symposium, March 29th
 - The National Drinking Water Advisory Council (NDWAC)

Questions?