

# ELEVATED STORAGE TANKS: REGULATORY REQUIREMENTS UPDATE

Ed Hallock

Division of Public Health


Office of Drinking Water

October 29, 2014


# OVERVIEW

- Current status
  - Trends
  - Future regulatory concerns
- 
- A decorative graphic consisting of several parallel white lines of varying lengths, slanted upwards from left to right, located in the bottom right corner of the slide.


## CURRENT STATUS

- 485 public water systems, 214 community water systems
  - 100 elevated storage tanks
  - 5 – 10 with known mixing processes
  - No mandate by Office of Drinking Water regarding installing mixing process
- 
- A decorative graphic consisting of several parallel white lines of varying lengths, slanted diagonally from the bottom right towards the top right, set against the blue background.


# TRENDS

- Some systems using passive mixing in storage tanks
  - Other systems refitting existing tanks with mixers
  - Some systems adding mixers to specs for new tanks.
- 
- A decorative graphic consisting of several parallel white lines of varying lengths, slanted upwards from left to right, located in the bottom right corner of the slide.


# REGULATORY ISSUES

- EPA put off a distribution system rule when they revised the total coliform rule
  - EPA has been considering a distribution system regulation and surveying states on how they regulate storage tanks
  - On 10/15 EPA held a joint meeting/webinar on distribution storage tanks to gather additional input
- 
- A decorative graphic consisting of several parallel white lines of varying lengths, slanted diagonally from the top right towards the bottom left, located in the lower right quadrant of the slide.


## REGULATORY ISSUES CONTINUED

- The purpose of the meeting and webinar was to gather input and information from the public and stakeholders on distribution system water storage facility inspection and cleaning and other risk management approaches to help maintain facility integrity and finished water quality.
- 
- A decorative graphic consisting of several parallel white lines of varying lengths, slanted diagonally from the bottom right towards the top right, set against the blue background.

# FUTURE CONSIDERATIONS

- What information are you aware of regarding the potential public health risks from failure to maintain finished drinking water storage facilities?
  - How often should storage facilities be inspected? Cleaned?
  - Are there types of storage facilities that do not merit inspection, or should be inspected?
- 
- A decorative graphic consisting of several parallel white lines of varying lengths, slanted diagonally from the bottom right towards the top right, set against the blue background.

# FUTURE CONSIDERATIONS

- What are the most critical elements of a storage facility that should be inspected?
  - What types of deficiencies in storage facilities require prompt action to protect public health?
  - Are guidance and recommended best practices sufficient or is regulation needed to assure public health protection?
- 
- A decorative graphic consisting of several parallel white lines of varying lengths, slanted diagonally from the bottom right towards the top right, set against the dark blue background.



QUESTIONS?

