

Bad Assumptions About Filters

→ Misguided Recommendations and Needless Fear

Misstatements About Chlorine and Microbial Quality of Flint Water

1. Flint water currently has poor bacterial quality
2. The Flint water system is compromised
3. Chlorine levels are not what they should be, and/or chlorine levels are not safe
4. The amount and type of bacteria observed in Flint water is abnormal or unusual.

False/Misleading Statements About Use of Filters in Flint.

5. Flint filters are required by regulation to remove lead and DBPs
6. Bacterial risks to residents were not considered when selecting the POU filter
7. The selected filters are the wrong type for the situation in Flint
8. POU filters have never been deployed at this scale in the U.S. (Flint is unprecedented)
9. Low chlorine in a POU filter (designed to remove chlorine) violates chlorine standard
10. High levels of bacteria after a filter (> 500 cfu) violates health criteria
11. Filters represent a “single barrier,” violating principle of multi-barrier treatment