
From: Wurfel, Brad (DEQ)
Sent: Wednesday, December 17, 2014 9:02 PM
To: Busch, Stephen (DEQ)
Subject: Re: Flint Drinking Water Actions

Thanks Steve. This is helpful!

Sent from my iPhone

On Dec 17, 2014, at 4:29 PM, "Busch, Stephen (DEQ)" <BUSCHS@michigan.gov> wrote:

Brad,

Here are some of the actions Flint has been taking to address the TTHM levels.

1. Removed the 20 Million Gallon Dort storage reservoir from service to prevent stagnant water conditions.
2. Softening 100% of water instead of partial softening to reduce amount of chlorine needed
3. Modified operation of water storage tanks to increase turn over and reduce stagnant water volumes.
4. Increased frequency of water main flushing to reduce detention time and stagnant water conditions.
5. Repair transmission water mains and valves to allow direct flow patterns and reduce detention time.

The City is also working on these additional items:

1. Further optimization of the enhanced coagulation process, possible use of polymer chemicals
2. Optimization of the ozone treatment process
3. Enhanced cleaning of filters to help reduce amounts of chlorine needed for disinfection

Mike Prysby can provide additional information as needed.

Stephen Busch, P.E.
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