

From: [Bloemker, Jon \(DEQ\)](#)
To: [Shekter Smith, Liane \(DEQ\)](#); [Wurfel, Brad \(DEQ\)](#)
Cc: [Busch, Stephen \(DEQ\)](#); [Benzie, Richard \(DEQ\)](#); [Lachance, Amy \(DEQ\)](#); [Thomas, Chuck \(DEQ\)](#); [Donaldson, Kristina \(DEQ\)](#); [Philip, Kris \(DEQ\)](#); [London, Bob \(DEQ\)](#); [Gotham, Daryl \(DEQ\)](#); [Conradson, Scott \(DEQ\)](#)
Subject: RE: Need your help: TTHM reports statewide?
Date: Thursday, February 05, 2015 2:45:34 PM

The Bay City wholesale customers are expected to come into compliance later this year. The new Bay County plant, which will be using Lake Huron versus Saginaw Bay water, is expected to start operations about mid to late July. The current DBPR compliance issue is somewhat associated by an emergency last summer, when Bay City increased the chlorine residuals to deal with a major main break.

There are several other wholesale customers for other systems that are approaching but expected to remain below the TTHM MCL. Bad Axe, which is a customer of Huron Shores Regional Water Authority (Pt. Austin), and Scottville, a customer of Ludington, are proactively researching potential solutions in the event their numbers creep a little higher. Both communities are at the end of long transmission lines. Consequently both systems are examining the same potential solution by adding aeration to reservoirs and/or elevated tanks. My calculations indicate that the air stripping option, even strictly using it during the seasonal high formation period, would keep both communities significantly below the MCL.

From: Shekter Smith, Liane (DEQ)
Sent: Thursday, February 05, 2015 2:17 PM
To: Wurfel, Brad (DEQ)
Cc: Busch, Stephen (DEQ); Benzie, Richard (DEQ); Lachance, Amy (DEQ); Thomas, Chuck (DEQ); Donaldson, Kristina (DEQ); Bloemker, Jon (DEQ); Philip, Kris (DEQ)
Subject: FW: Need your help: TTHM reports statewide?

Brad –

Attached is some preliminary data from our database. Information has not been vetted by district staff but it provides context for the problem (or the limited nature of the problem).

I'm cc'ing DS's so they can see what we've shared and can chime in if they have other perspectives to share.

Liane

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From: Wurfel, Brad (DEQ)
Sent: Thursday, February 05, 2015 10:41 AM
To: Shekter Smith, Liane (DEQ); Busch, Stephen (DEQ); Prysby, Mike (DEQ)
Subject: Need your help: TTHM reports statewide?

Hey, friends. Working with the Flint Journal on a look at TTHM. He noted that the neighboring community has struggled with it or at least is recently out of compliance with the standard. The ABC 12 water testing showed some samples higher than standard.

I'm working to help put the issue in context: It's not that uncommon. It's measured quarterly, which should reflect our long term concern with it, as opposed to other testing which is daily or hourly.

The natural question becomes how often do we find systems with elevated TTHM levels? Do we have reporting figures that would offer some perspective here?
I'm out for the day at 2 p.m. Please let me know.

b

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