

From: [Benzie, Richard \(DEQ\)](#)
To: [Rosenthal, Adam \(DEQ\)](#)
Cc: [Busch, Stephen \(DEQ\)](#); [Shekter Smith, Liane \(DEQ\)](#); [Prysby, Mike \(DEQ\)](#); [Cook, Pat \(DEQ\)](#)
Subject: RE: Flint - 02310 Fecal Positive / Boil order
Date: Saturday, August 16, 2014 10:32:42 AM

Sorry I missed your calls - I was doing yard work outside when you called and didn't get your messages until I went inside the house after 8 PM.

I don't have any concerns with the way you handled this situation. The only point of discussion I may have commented upon if I had been reached is the establishment of the "area affected." I recall having conversations with EPA on this matter some years ago, and we were not always agreeing with them because we planned to use judgment on a case by case basis in these situations. They were a bit more rigid. We can discuss more on Monday.

Richard

From: Rosenthal, Adam (DEQ)
 Sent: Friday, August 15, 2014 5:48 PM
 To: 'bwright@cityofflint.com'; Mike Glasgow; djohnson@cityofflint.com
 Cc: Busch, Stephen (DEQ); Sygo, Jim (DEQ); Wurfel, Brad (DEQ); Shekter Smith, Liane (DEQ); Benzie, Richard (DEQ); Philip, Kris (DEQ); Prysby, Mike (DEQ); Joseph, Mark (DEQ); Skinker, Bethel (DEQ); Cook, Pat (DEQ)
 Subject: Flint - 02310 Fecal Positive / Boil order

Summary:

8/12/14 – 3 routine samples test positive for total coliform (TC), Cedar Reservoir, Site 4 & Site 5.

Free Chlorine was 0 and Total Cl around 0.1 ppm.

8/13/14 – 9 repeat samples collected, 7 TC positive & 1 fecal positive downstream of Site 4

Site 4 is a Taco Bell, downstream site is a repair shop with a questionable tap.

8/14/14 – 2nd set of 9 repeat samples collected, 8 repeats Non Detect and Site 4 TC positive (downstream site with the fecal positive was cleaned and is now non detect.) Chlorine has been increased and detected at 0.2 – 0.5 ppm Free Cl.

With the confirmed fecal positive, the MCL has been elevated to require a Tier 1 Public Notice to be issued within 24 hrs of notification. The DEQ is issuing a Boil Water Order to the affected area (Public Notice attached). A 2nd Tier 2 MCL PN may be necessary once the August monitoring period is complete and the situation is resolved.

The City of Flint has been instructed to issue the Tier 1 PN according to their Emergency Response Plan, flush the system, and collect 2 sets of 5 samples 24 hrs apart in the affected area before lifting the boil order.

Adam Rosenthal, EQA
 MDEQ – Office of Drinking Water and Municipal Assistance
 Lansing District – Constitution Hall 1SW
 PO Box 30242
 Lansing, MI 48909
 517-284-6644
 fax: 517-241-3571