
From: Tommasulo, Karen (DEQ)
Sent: Thursday, September 17, 2015 2:23 PM
To: Twenter, Lisa (DEQ)
Cc: Ostrowski, James (DEQ)
Subject: Flint numbers

Lisa,
 Below are some numbers associated with the Flint drinking water system. You don't necessarily need to use them all, but I want to help people get a sense for the scale of the problem. If you have any questions (learning our programs is hard – I've been here two years and I'm still working on it), give me a shout and we can walk through what these numbers mean.

Flint water system's service area: 34 square miles
 Flint water system's miles of public water mains: 550+
 Miles of public water mains that are 75 years old or older: 250+
 Service connections: 32,900
 Number of those service connections that are lead: about 15,000

These numbers are way more complicated, but thought I'd send them to you just in case you know of a brilliant way to deal with them:

1st 6-month lead and copper sampling period, completed Jan. 2015 (100 samples completed): 90th percentile = 6 ppb
 2nd 6-month lead and copper sampling period, completed July 2015 (69 samples completed): 90th percentile = 11 ppb

Some dates that would be good to include if possible, but probably not as part of the primary graphic:
 January 2016: Flint plans to have optimized corrosion control treatment operational
 July 2016: Flint plans to connect to Karegnondi Water Authority (which will bring in drinking water from Lake Huron)

Finally, I attached a breakdown of who is responsible for what. This probably shouldn't be part of an "infographic," but maybe you could come up with a way to make it a bit more attractive? It might be as simple as branding it and giving it some color. I think there's some holes in it, so I can get a final version of it to send to you. I just think it would make a good handout for the members of the congressional delegation who will be in the room and on the call on Monday.

Obviously, there's a lot of info here, more than will ever fit into one infographic. But I wanted to give you a couple different options.

Karen Tommasulo
 Public Information Officer
 Michigan Department of Environmental Quality
 517-284-6716 | 517-599-5733
tommasulok@michigan.gov