

Rennaker, Joanne (DEQ)

From: Busch, Stephen (DEQ)
Sent: Tuesday, September 29, 2015 9:40 AM
To: Pallone, Maggie (DEQ); 'Wurfel, Brad (DEQ) (WurfelB@michigan.gov)'
Cc: Feuerstein, Heather (DEQ); Tommasulo, Karen (DEQ)
Subject: Background Timeline
Attachments: City of Flint Background-Draft.docx

Attached is the timeline I put together previously. I didn't have anything to add so if you have questions about the timeline let me know.

Stephen Busch, P.E.
MDEQ Lansing District Coordinator
Office of Drinking Water and Municipal Assistance
Lansing and Jackson District Supervisor
517-643-2314
buschs@michigan.gov

DRAFT 9/17/2015

City of Flint Water System Background

Water Service Land Area 34 square miles
 550+ miles of public water mains
 250+ miles of water mains 75+ years old
 70% of public water mains are unlined cast iron pipe
 Service population 99,763
 Service connections 32,900
 Flint Water System established in 1883
 Flint Water Treatment Plant #2 completed in 1954
 Connection to Detroit Water and Sewerage Department 1967
 Flint Water Treatment Plant #2 rehabilitated 1999 – 2005

City of Flint Timeline

April 2013 – Flint notifies DWSD of contract discontinuation and joins the Karegnondi Water Authority
 April 2013 – DWSD sets termination of Flint water service contract to April 17, 2014
 June 2013 – Karegnondi Water Authority groundbreaking
 June 2013 – Flint notifies DEQ of intent to use of Flint Water Treatment Plant full time with Flint River
 May 2014 – Flint stops purchasing DWSD water. Starts using the City of Flint WTP and Flint River
 August 2014 – Flint E.Coli Bacteria violation, Partial System Boil Water Advisory
 August 2014 – Disinfection Byproducts, DEQ requests preemptive Operational Evaluation
 September 2014 – Flint Total Coliform Bacteria violation, Partial System Boil Water Advisory
 November 2014 – Disinfection Byproducts violation begins
 January 2015 – 1st 6 month lead and copper sampling completed 100 samples, 90th% = 6 ppb
 July 2015 – 2nd 6 month lead and copper sampling completed 69 samples, 90th% = 11 ppb
 August 2015 – Disinfection Byproducts return to compliance
 August 2015 – Flint required by DEQ to recommend and install Optimized Corrosion Control Treatment

 January 2016 – Flint plans to have Optimized Corrosion Control Treatment operational
 July 2016 – Planned connection to Karegnondi Water Authority (Lake Huron water to Flint WTP)