

**Summary of
Michigan Department of Environmental Quality Actions
In Response to the
United States Environmental Protection Agency
Emergency Administrative Order
Updated: 2/4/2019**

EXECUTIVE SUMMARY:

The United States Environmental Protection Agency (USEPA) Emergency Administrative Order contains 15 overall items to be addressed by the Michigan Department of Environmental Quality (MDEQ). This update includes status only on items for which progress was made in the last week. It is anticipated that the next update to this summary will be provided on Monday, February 11, 2019.

Paragraph 54: Lead Service lines

- Per the city of Flint's (City) 1/28/2019 press release, as of 1/28/2019, the City estimated they had excavated pipes at 20,490 homes as part of the FAST Start Initiative, and of these, 7,966 were lead and/or galvanized and replaced. The goal is to have all Flint's lead and galvanized service lines replaced by the end of 2019. During the USEPA Order update call on 1/30/2019, the City estimated they have 8,259 service lines remaining to excavate and an estimated 1,654 lines to replace based on previous efforts.
- As of 1/30/2019, a request for proposals (RFP) had been issued to manage the Phase VI service line work. This is expected to be the last phase of the service line removal effort.

Paragraph 59: Corrosion control; LCR sampling

- As of 1/30/2019, Phase 1 of the pipe loop study continued to be implemented. Pipes had been in place for six months but not stable. Phase 2 was under construction.
- The MDEQ sent the City the 90th percentile calculation for the most recent sampling effort and it was 4 parts per billion (ppb). This document was put online on 1/29/2019. In addition, the City was working on changes to their sampling work plan to reflect the new lead and copper rule sampling requirements.
- The MDEQ posted on the Flint Action website the 12/17/2018 Voluntary Agreement Between the City of Flint and the Michigan Department of Environmental Quality (Voluntary Agreement). This document includes the anticipated implementation date of the remaining seven Standard Operating Procedures. It also includes implementation dates for the chemical feed system improvements.

Paragraphs 60, 61 and 62: Technical, managerial and financial capacity and necessary, capable and qualified personnel; new water source; optimization plan

- As of 1/30/2019, the City had received 29 applications for water distribution operator trainee positions. This process is on pace to fill five positions by the end of February.
- As of 1/30/2019, the City had received the design proposal for the back-up pipeline project plan and was preparing to send to City Council for approval.
- The 12/17/2018 Voluntary Agreement includes a requirement to develop a plan to provide services for ongoing contract assistance provided by John Young and training by Nick Pizzi. As of 1/30/2019, the City had asked the USEPA to use Water Infrastructure Improvements for the Nation (WIIN) funding.
- As of 1/30/2019, the chemical feed building was being designed by contractor Camp, Dresser & McKee (CDM). In addition, design proposals had been submitted from three vendors for the Dort and Cedar Street Reservoir projects and the City was evaluating those proposals. The City was also working on an RFP for monitoring panels. The Kearsley Street project is ongoing. Other projects in the works included northwest transmission mains and water meters.