

**Summary of Michigan Department of Environmental Quality Actions
In Response to the
United States Environmental Protection Agency Emergency Administrative Order
Updated: 10/23/2017**

EXECUTIVE SUMMARY:

The United State Environmental Protection Agency (EPA) 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, October 30, 2017.

DETAILED INFORMATION:

Paragraph 54: Inventory of homes with lead service lines.

- As of 10/23/2017, the City of Flint (City) has replaced 5,080 service lines and identified 1,031 copper-to-copper lines.
- During the 10/18/2017 EPA-City-DEQ conference call, the City reported that Fast Start is working on the Phase V RFP. Toward that effort, MDEQ staff are assisting the City with data entry of service line records, which University of Michigan staff will then collate with existing historical records and data from the implementation process. Rob Bincsik said that given the current status of hyrovaccing and line replacement, approximately one-third (1/3) of the composition of pipes in the City is now known. Once the City records are updated, that information will be used for the RFP and to provide EPA with the best estimate of remaining service lines in need of replacement. EPA requested the updated service line estimate by 11/22/2017.
- The transition of this project from General McDaniel and staff to the City will occur by the beginning of calendar year 2018 because General McDaniel's contract ends 11/22/2017 and his two assigned staff end the first of the year.

Paragraph 60: water source.

- On 10/17/2017, U.S. District Judge David Lawson ordered the City of Flint to choose a long-term water source by 10/23/2017. The Opinion and Order, along with the Judgement, were posted online on 10/18/2017.

Paragraph 61: Necessary, capable and qualified personnel.

During the 10/18/2017 conference call, Sylvester Jones announced a new staff person hired in finance. In addition, Rob Bincsik will be presented to City Council on 10/23/2017 as the new Department of Public Works Director. The City also provided updates on the following:

- Lab supervisor position: held several rounds of interviews, extended an offer to one candidate but couldn't meet the health benefits requested. Two of the other candidates haven't been interviewed yet. As a result of this, the City prepared a resolution for F&V to continue month-to-month in the lab supervisory capacity.
- Nick Pizzi is on contract through 11/30/2017 to continue providing training to staff at the treatment plant. Nick will be at the treatment plant on 10/31/2017 to conduct training.
- The City is working on improving the compensation packages for staff.
- The City is working on a water plant lab technician position and trainee positions.

Paragraph 62: distribution system water quality optimization plan.

- During the 10/18/2017 conference call, Arcadis provided the schedule for submitting Standard Operating Procedures (SOP) for review and approval:
 - The first set of SOPs were delivered 10/03/17, and included storage and pump operations; chemical feed; valve and hydrants.
 - The second set of SOPs will be submitted the end of the week of 10/16/2017, and will include flushing and water quality monitoring.
 - The third set of SOPs will be submitted after whole-house flushing work is completed and will address operational responses to water quality. This set will be completed in the November-December timeframe.
- Arcadis also reported that they completed a pipe age study to help with the prioritization part of the asset management plan; implemented a criticality workshop to talk about the process for prioritization; and are developing a capital improvement plan. Their goal is to submit a final plan in early January 2018.

Paragraph 59: Optimizing corrosion control.

- During the 10/18/2017 conference call, Arcadis staff reported that the coupon tests are complete and a report is under development. This information will feed into the loop study which is not included in the current contract. The amendment to Arcadis' contract will go through the City approval process after the source water is selected.
- During the conference call, the MDEQ confirmed commitment to completing the current compliance monitoring period (ending December 31, 2017), and will be discussing

transitioning compliance monitoring to the City for the next six-month compliance period (starting in January 2018).