

**Summary of City of Flint (City) Actions  
In Response to the  
EPA Emergency Administrative Order  
Updated: November 17, 2016**

Chapters 52, 57, 59a & 59b: Weekly Conference Call Regarding Flint Water Plant Operations November 17, 2016.

EPA Order Due Date: Weekly

MDEQ and the Flint Water Treatment Plant staff met on-site November 17 to review and discuss the summary of water quality and corrosion control parameters reported on the City's November Operation Report completed to date, and a summary of water quality parameters collected the week of November 14 from the 10 sites monitored weekly. Data review covers November 9-15, 2016. NOTE: Site #10, West Side Reservoir, has been removed from service for inspection. Samples were instead collected from *Site Name, Address* (the downstream repeat site listed on the Revised Total Coliform Rule sampling plan).

The following observations were noted:

- The supplemental phosphate dosage was consistent and ranged between 2.31 and 2.65 milligrams per liter (mg/l). The phosphate residuals measured at the plant tap ranged from 3.4 to 4.0 mg/l entering the distribution system.
- All pH measurements were greater than 7.0 at all 10 of the Enhanced Water Quality Monitoring (EWQM) sites and the Point of Entry (Control Station #2) to the system. The pH levels ranged from 7.38 to 7.45 in the water received from Great Lakes Water Authority (GLWA) and from 7.39 to 7.49 at the 10 distribution system sites.
- The phosphate residual at the ten established, weekly distribution system sites ranged between 3.3 and 3.9 mg/l.
- Iron levels at EWQM sites ranged from 0.01 to 0.14 mg/l. Plant tap iron concentrations measured 0.01 mg/l in the last week.
- The results of the lead samples taken at the EWQM sites during the week of November 8 all reported no lead detected. NOTE: West Side Reservoir was still in service at the time of the lead sampling during the week of November 8 and lead was not detected.
- The supplemental chlorine feed at Control Station #2 ranged from 1.08 to 1.14 mg/l and the plant tap free chlorine residuals ranged from 1.5 to 1.7 mg/l.
- The free chlorine residuals at the 10 EWQM sites in the distribution system ranged from 0.68 to 1.56 mg/l. The low residual was at site #6, and the high residual was at Site #1. The lowest free chlorine residual at the other 9 EWQM sites during the past week was 1.03 mg/l.