Summary of City of Flint (City) Actions
In Response to the
EPA Emergency Administrative Order
Updated: October 28, 2016

Chapters 52, 57, 59a & 59b: Weekly Conference Call Regarding Flint Water Plant Operations October 27, 2016.

EPA Order Due Date: Weekly

MDEQ and the Flint Water Treatment Plant staff held the weekly conference on October 28th to review and discuss the summary of water quality and corrosion control parameters reported on the City's October operation report completed to date and a summary of water quality parameters collected the week of October 23rd from the 10 sites monitored weekly.

The following observations were noted:

- The supplemental phosphate dosage was consistent and ranged between 2.31 and 2.42 milligrams per liter (mg/l). The phosphate residuals measured at the plant tap ranged from 3.46 to 3.69 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 7.39 to 7.44 in the water received from Great Lakes Water Authority (GLWA) and from 7.36 to 7.48 at the 10 distribution system sites.
- All of the established, 10 weekly distribution system sites reported a phosphate residual at or above 3.1 mg/l, ranging between 3.1 and 3.5 mg/l of phosphate.
- Iron levels at EWQM sites ranged from 0.01 to 0.05 mg/l. Plant tap iron concentrations measured 0.01 to 0.02 mg/l in the last week.
- Lead samples taken at the EWQM sites during the week of October 18th all reported no lead detected.
- The supplemental chlorine feed at Control Station #2 ranged from 1.10 to 1.16 mg/l and the plant tap free chlorine residuals ranged from 1.3 to 1.8 mg/l.
- The free chlorine residuals at the 10 EWQM sites in the distribution system ranged from 0.61 to 1.54 mg/l. The low residual was at site #6 and the high residual was at Stations #7. The lowest free chlorine residual at the other 9 EWQM sites during the past week was 1.10 mg/l.