# Summary of City of Flint (City) Actions
# In Response to the
# EPA Emergency Administrative Order
# Updated: June 2, 2016

Chapters 52, 57, 59a & 59b: Weekly Conference Call Regarding Flint Water Plant Operations June 2, 2016.

EPA Order Due Date: Weekly

MDEQ and the Flint Water Treatment Plant staff held the weekly conference call to review and discuss the weekly summary of water quality and corrosion control parameters that are reported on both the city's May and June operation reports completed to date, and a summary of water quality parameters collected in the distribution system during the week of May 29. These reports are being used to monitor the city's corrosion control treatment.

The following observations were noted:

- The supplemental phosphate dosage was consistent and ranged between 2.67 and 2.69 milligrams per liter. Included with this submission are the daily worksheets for the phosphoric acid feed system documenting the city's hourly oversight of this corrosion control treatment.
- All of the phosphate residuals in the distribution system at the sites monitored weekly were above the minimum of 3.1 milligrams per liter, ranging between 3.29 and 3.93 milligrams per liter.
- All pH measurements were greater than 7.0 at the Enhanced Water Quality Monitoring (EWQM) sites and the Point of Entry (Control Station #2) to the system. The pH levels ranged from 7.35 to 7.49 in the water received from Great Lakes Water Authority and from 7.21 to 7.49 at the distribution system sites.
- Automatic flushing devices installed at distribution locations are continuing to serve the purpose of reducing water age and increasing chlorine residuals at most sites, although one or two are still being adjusted.
- Iron levels ranged between 0.01 and 0.08 milligrams per liter at all EWQM sites. Plant tap iron concentrations ranged from 0.01 to 0.04 in the last week.
- All but one of the lead samples collected from the EWQM sites reported no lead detected.
- The city is proceeding with plans for supplemental chlorination and pH adjustment using caustic soda. These treatment systems will allow the city to better control chlorine residuals and maintain corrosion control throughout the distribution system. We are awaiting plans and specifications to be submitted with a construction permit application.

Overall, the corrosion control treatment is meeting expectations as demonstrated from the water quality monitoring submitted this week.