

**Summary of City of Flint (City) Actions
In Response to the
EPA Emergency Administrative Order
Updated: March 4, 2016**

Chapters 52, 57, 59a & 59b: Weekly Conference Call Regarding Flint Water Plant Operations February 26, 2016.

EPA Order Due Date: Weekly

MDEQ and the Flint Water Treatment Plant staff held the weekly conference call to review and discuss the city's February and March operation report to date and the weekly summary of water quality parameters for the week of February 29th that 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 2.64 and 2.79 milligrams per liter.
- All of the phosphate residuals in the distribution system were above the minimum of 3.1 milligrams per liter to be maintained at all distribution monitoring locations, ranging between 3.29 and 3.99 milligrams per liter.
- All pH measurements were greater than 7.0 at all Enhanced Water Quality Monitoring sites and the Point of Entry to the system. The pH levels ranged from 7.22 to 7.50.
- Iron levels ranged between 0.01 and 0.05 milligrams per liter at all Enhanced Water Quality Monitoring sites. Plant tap iron concentrations ranged from 0.01 to 0.05 in the last week.
- Free chlorine residuals reported at monitoring stations ranged from 0.0 to 1.2 milligrams per liter in the distribution system. The one site reporting no residual this week was revisited by city staff and chlorine levels were sampled at sites adjacent to it where residuals measured close to 1.0 milligram per liter. The city is investigating why the residual is so low at the preselected monitoring location.
- The Flint Water Plant staff has begun collecting lead samples at each of the EWQP sites. However, these samples were intermingled with the hundreds of other samples being reported to the city each day, making them difficult to identify. They are now separating these samples for separate submission, reporting and tracking. All of the lead samples retrieved so far have reported no lead detected at these monitoring sites.

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