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To: [Wurfel, Brad \(DEQ\)](#)
Cc: [Sygo, Jim \(DEQ\)](#); [Krisztian, George \(DEQ\)](#)
Subject: DRAFT response. DRAFT DELIBERATIVE. NOT SUBJECT TO FOIA
Date: Thursday, October 15, 2015 3:48:00 PM

Work in process, but we wanted you to have what we've completed/addressed.

Before switch –

4. Staff believed that it was appropriate to monitor for two 6-month rounds of sampling to determine if additional measures were necessary. Based on the sampling performed, the city is required to install corrosion control treatment (see August 17, 2015 letter).

Decisions regarding cost are made by the utility.

5. No. A pilot test was not required or conducted. Staff believed that it was appropriate to monitor for two 6-month rounds to determine if additional measures would be necessary.

After switch –

1. We consulted with city staff regarding complaints. They reported that it was difficult to verify the complaints; i.e., when they tried to sample at locations that had problems they couldn't reproduce the results. In addition, city crews were performing more hydrant flushing to improve water age in the system and flow patterns were altered as a result of valve repair and replacement; and both of these are expected to increase taste, odor and color concerns. In addition, there is no reason for staff to conclude that a TTHM problem would suggest there is a corrosion issue.
2. GM indicated that chloride concentrations no longer met their limit for manufacturing. DEQ staff evaluated chloride levels in the Flint treated water and determined that while they were higher in the Flint supply than previously when on DWSD water, they were well within acceptable ranges in accordance with EPA guidelines.
3. No. Staff believed that it was appropriate to monitor for two 6-month rounds of sampling to determine if additional measures were necessary.
4. No. This was believed to be a site specific/unique condition and staff considered it resolved once the lead service line was replaced.
5. It did. EPA and DEQ consulted. In addition, following the completion of the two 6-month rounds of monitoring the data indicated that additional measures are necessary and the city is required to install corrosion control treatment.

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