

Rennaker, Joanne (DEQ)

From: Howard Croft <hcroft@cityofflint.com>
Sent: Monday, October 12, 2015 4:41 PM
To: larry.koehler@mcc.edu; rosejo@msu.edu; schock.michael@epa.gov; Amy Hovey; Andy Leavitt; Brent Wright; Darren Lytle; Dayne Walling; donna.cole; edwardsm; Krisztian, George (DEQ); Gerald (Jed) Natzke; Howard Croft; James Henry; Jamie Gaskin; Jason Lorenz; jmikewright; JoAnne Herman; John O'Brien; Kirk Smith; Laura Sullivan; Lawrence Reynolds; Lawrence Reynolds; Michael Glasgow; Michael Wright; Mike Lane; Prysby, Mike (DEQ); Natasha Henderson; Norb Birchmeier; Pete Levine; Robert Bincsik; Russell Hudson; Samir Matta; Sean Kammer; Busch, Stephen (DEQ); Warren Green; Kevin Keane; Shekter Smith, Liane (DEQ); Dykema, Linda D. (DHHS)
Subject: TAC Update 10_12_15
Attachments: TAC Update 10_12_15.pdf

All,

Here is the template that I anticipate using on a weekly basis to share information with the group. This aligns with other weekly updates that are provided by our engineering team and gives a good overview of the system as a whole. This is likely more information than some want and I will modify the report as requested to make sure everyone has adequate information going forward. The report is geared toward bringing KWA online and the goal of providing clean safe water for the residents.

I cannot commit to delivering this every Monday but I plan to get something out each week. Please let me know if there are items missing or that you would like to see added.

As always, comments are welcome.

Thank you,

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Howard Croft
 Public Works Director
 City of Flint
 1101 S. Saginaw Street
 Flint, MI 48502
 PII# 810.766.7135 Ext.2043
hcroft@cityofflint.com



City of Flint Technical Advisory Committee - Weekly Report

October 12, 2015

Last meeting: 10-7-15

Next meeting: 11-11-15, 2:00 pm (tentative)

I. Overview –

This weekly report will contain an overview of the water system or a narrative of events that are occurring. I intend to maintain this current format of identifying new issues, ongoing issues, needs to use KWA when ready, accomplishments, and testing data that is available. The weekly report will also be forwarded to Treasury each week and certain information will be posted on the website.

II. New Issues of concern this week

A. Transition from Flint River back to previous water source.

1. **Contractual** – Being worked on by Attorneys – expect final documents today.
2. **Operational** – Physically ready by Monday pending volume of water from Detroit.
3. **Corrosion Control** – Ready to begin equipment installation, evaluation of dosing to be discussed with engineering and DEQ. Jar testing has started in the Plant.
4. **Staffing** – Evaluation this week of personnel needed to run in pass-through mode. We will also be evaluating the needs when KWA is here with SCADA upgrades taking place in the Treatment Plant.

B. Shut off Plan

- The inability to perform shut offs due to a court ordered injunction is impacting collections and the system as a whole. A plan is required on how to safely re-engage this function including when and in what manor.

III. Ongoing Issues of concern or in process

Issue	Description	Action Item	Owner
Corrosion Control	To help rebuild bio-film	LAN has purchased chemicals and started jar testing to determine dosing.	LAN
Transfer Station	Buffer for water supply from KWA	Engineers are starting design and identifying the lead time items.	LAN
Surge Protection	Water hammer and transient events causing main breaks	Halfway through leak detection - Pursuing surge protection	City Staff
Prep for KWA	Design and installation of final improvements needed	See Item IV	LAN/City
High water loss	Unaccounted for water has numerous facets.	Replacing meters, performing leak detection, pursuing theft to narrow down cause	City Staff
Bray Rd. Lime sludge removal	Remediation of site required by consent decree	Will not be needed when using Detroit water but consent decree is still in effect.	City Staff
Hydraulic Model	Filling with data	Need to verify broken valve locations for model to be accurate.	LAN/City
SCADA Upgrades	Used to develop automation within the system.	First phases went in in FY15 second and final phase due to be installed prior to KWA's arrival.	City Staff