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**From:** Shekter Smith, Liane (DEQ)  
**Sent:** Thursday, October 15, 2015 10:36 AM  
**To:** Busch, Stephen (DEQ); Prysby, Mike (DEQ); Rosenthal, Adam (DEQ)  
**Cc:** Benzie, Richard (DEQ); Cook, Pat (DEQ)  
**Subject:** FW: 3rd Quarter Water Report  
**Attachments:** 3rd Quarter Water Quality Report (2).docx

FYI

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**From:** Krisztian, George (DEQ)  
**Sent:** Monday, October 12, 2015 7:44 AM  
**To:** Wyant, Dan (DEQ); Sygo, Jim (DEQ); Thelen, Mary Beth (DEQ); Shaler, Karen (DEQ); Wurfel, Brad (DEQ); Pallone, Maggie (DEQ); Tommasulo, Karen (DEQ); Shekter Smith, Liane (DEQ)  
**Subject:** FW: 3rd Quarter Water Report

Here is the latest version of Flint's Water Quality Report incorporating comments from TAC members.

George

George L. Krisztian  
 Flint Action Plan Coordinator  
 Laboratory Director  
 Michigan Department of Environmental Quality  
 Desk ph (517) 284-6719  
 Cell ph PPI

**From:** Howard Croft [<mailto:hcroft@cityofflint.com>]  
**Sent:** Sunday, October 11, 2015 7:29 AM  
**To:** Andy Leavitt  
**Cc:** Marc Edwards; Amy Hovey; Brent Wright; Darren Lytle; Dayne Walling; donna. cole; Dykema, Linda D. (DHHS); Krisztian, George (DEQ); Gerald (Jed) Natzke; James Henry; Jamie Gaskin; Jason Lorenz; jmikewright; JoAnne Herman; John O'Brien; Kirk Smith; [larry.koehler@mcc.edu](mailto:larry.koehler@mcc.edu); Laura Sullivan; Lawrence Reynolds; Lawrence Reynolds; Michael Glasgow; Michael Wright; Mike Lane; Prysby, Mike (DEQ); Natasha Henderson; Norb Birchmeier; Pete Levine; Robert Bincsik; [rosejo@msu.edu](mailto:rosejo@msu.edu); Russell Hudson; Samir Matta; [schock.michael@epa.gov](mailto:schock.michael@epa.gov); Sean Kammer; Busch, Stephen (DEQ); Warren Green; Wurfel, Brad (DEQ); Anthony Chubb; Kevin Keane  
**Subject:** Re: 3rd Quarter Water Report

All,

The comments were very helpful and I have made several revisions to the report that was sent yesterday, please review the amendments and forward any additional recommendations. I would like to solicit comments from anyone in the medical community that is willing to be quoted.

On Sat, Oct 10, 2015 at 12:03 PM, Andy Leavitt <[aleavitt@senatedems.org](mailto:aleavitt@senatedems.org)> wrote:  
 I would echo Marc's sentiment on the bold language agreeing with his points but I would also add that trust needs to be rebuilt and the public simply will not believe anything in the document if you start by

telling them it still meets standards. They do not differentiate between regs and rules but they know the water does not meet the standard of the physician community.

I would also recommend opening with timeline of going back to Detroit and what steps people can take to mitigate lead issues. Preferably with an excerpt from a physician.

The technical information matters for transparency but the trust gap is so wide that most people will be skeptical of all of it.

On Sat, Oct 10, 2015 at 11:48 AM Marc Edwards <edwardsm@vt.edu> wrote:

Hi Howard,

I think it is universally acknowledged now, that 30 seconds to 2 minutes flushing are not adequate, and all public education should say 5 minutes flushing.

I also think that given results of our team sampling 277 homes, the high levels of lead MDEQ detected in the Flint schools (a 90%ile over 15 ppb..which is horrible because they are not tier 1 plumbing sites), and the problems in the official LCR sampling conducted in late 2014-2015, that the following statement (in bold) is not really helpful in getting the message out about the current health risks. The bold statement seems more like wishful thinking or a legal position, and detracts from the goal of telling the public about the known problems.

*After 16 months of treating water from the Flint River, the City became aware that the while **still meeting all Safe Drinking Water Standards**, the level of corrosiveness could result in more lead leaching from service lines and household plumbing.*

That is my input. I am available at **PPI**, if anyone should have questions about this.

Best Regards,

Marc Edwards

**From:** Howard Croft [mailto:[hcroft@cityofflint.com](mailto:hcroft@cityofflint.com)]

**Sent:** Saturday, October 10, 2015 8:33 AM

**To:** Amy Hovey; Andy Leavitt; Brent Wright; Darren Lytle; Dayne Walling; donna. cole; dykemal; edwardsm; George Krisztian (DEQ); Gerald (Jed) Natzke; Howard Croft; James Henry; Jamie Gaskin; Jason Lorenz; jmikewright; JoAnne Herman; John O'Brien; Kirk Smith; [larry.koehler@mcc.edu](mailto:larry.koehler@mcc.edu); Laura Sullivan; Lawrence Reynolds; Lawrence Reynolds; Michael Glasgow; Michael Wright; Mike Lane; Mike Prysby (DEQ); Natasha Henderson; Norb Birchmeier; Pete Levine; Robert Bincsik; [rosejo@msu.edu](mailto:rosejo@msu.edu); Russell Hudson; Samir Matta; [schock.michael@epa.gov](mailto:schock.michael@epa.gov); Sean Kammer; Stephen Busch (DEQ); Warren Green; Wurfel, Brad (DEQ); Anthony Chubb; Kevin Keane

**Subject:** 3rd Quarter Water Report

Team,

Included in this email is a copy of the first quarter water quality report that has been developed by the Utilities Division. Please take a look and offer any comments that you may have regarding content. There will be an additional one page insert containing three months test data inserted prior to distribution.

The purpose of the quarterly mailer is to increase communication, provide more transparency, and put more information into the hands of the public about what's occurring within the water system and with the infrastructure.

I will be putting together a separate weekly report for this Committee.

Thank you,

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**Howard Croft**

Public Works Director

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