To: Scott Smith[ssmith@opflexinventor.com]; Scott Hiipakka[Hiipakkas@michigan.gov]
From: Durno, Mark
Sent: Thur 5/11/2017 5:58:05 PM
Subject: RE: Fact-based Information - Prior E-mail/Report Questions

Scott,

We can discuss the Virginia Tech reports next time we talk.

Here is a summary of EPA's work pursuant to the subject areas that you described below:

Regarding water chemistry and EPA's findings, we have thousands of samples and hundreds of thousands of data points to evaluate Flint's water. With the exception of lead, all of EPA's data shows Flint's water to be well within regulatory levels. With respect to lead, the levels continue to decrease over time. The next compliance period for lead monitoring ends on June 30, 2017. MDEQ's data suggests that the lead levels will be well below the regulatory action level.

With respect to biological activity and EPA's regulations, the City of Flint now has an approved Revised Total Coliform Rule (RTCR) plan in place, which is much more robust that the basic regulatory requirement. Maintaining and monitoring chlorine levels and collection of samples for bacteria are the primary operations under the RTCR plan. EPA has been reviewing the City's results and, to date, the City is in compliance.

Finally, with respect to hot water and targeted sampling, you can find our analytical data on our web-site: www.epa.gov/flint.

Thanks and talk soon,

Mark

Mark Durno

Homeland Security Advisor

Emergency Response Branch
U.S. Environmental Protection Agency
25063 Center Ridge Road
Westlake, OH 44145

440-250-1743

From: Scott Smith [mailto:ssmith@opflexinventor.com]
Sent: Thursday, May 11, 2017 9:51 AM
To: Scott Hiipakka <Hiipakkas@michigan.gov>; Durno, Mark <durno.mark@epa.gov>
Subject: Fact-based Information - Prior E-mail/Report Questions

Scott / Mark,

Please see attached e-mail from Marc Edwards sent to various people involved in the Flint response including but not limited to Rich Baird. This was forwarded to me in the interest of fact-based research to better understand how conclusions in the e-mail were made and on what basis subsequent public statements were made that "Flint is just like any other city."

I have also attached a summary report from the EPA-funded research of VA Tech. It appears to have testing from 2 homes within Flint, 1 commercial building outside of Flint, and 1 hotel outside of Flint (4 data points/sites).

<u>My questions pertaining to the attachments to this e-mail are as follows:</u>

1. DBP testing of DBP's done by Susan Richardson are referenced as showing "low" levels of (Disinfection By-Products "DBP's" which include volatile chemicals) DBP's. Where are the detailed lab reports? What is the definition of "low" levels? How many different sites were tested? What was tested in each site? Was there any statistical analysis done to support broad conclusions including that "Flint is just like any other city"?
2. The attached e-mail states, "DBP testing done by Dr. Sue Richardson found low levels of DBP's. This is the fourth dataset that shows DBP's are low, contrary to Water Defense concerns". Where is the detailed information for the four data sets including but not limited to detailed lab reports, cites tested, showers tested, hot water tested, etc.
3. What statistical analysis has been done to support claims made to the Public from this information? I ask this in the context of prior public statements that were made based on testing 2 homes in Flint, 1 hotel outside of Flint, 1 commercial building outside of Flint, and what appears to be undisclosed (meaning no one has seen any details) testing from Dr. Sue Richardson that appears to have been funded via VA Tech by the EPA. Can you make comparisons to water in homes and water in hotels and commercial buildings – especially when it comes to showers?
4. It seems to me that the public has an absolute right to all details related to any tax-payer funded testing – if this is not correct, please tell my why and the basis for denying the public the details.

Furthermore, I would like to better understand a summary of the bacteria testing to date including the details of the testing if possible.

I greatly appreciate the professional dialogue and am focused on fact-based information to best support the residents of Flint.

Best Regards,

Scott C. Smith

Cell (508) 345-6520

Twitter: @WaterWarriorOne