

Rennaker, Joanne (DEQ)

From: Prysby, Mike (DEQ)
Sent: Thursday, April 09, 2015 7:46 AM
To: Crooks, Jennifer
Cc: Busch, Stephen (DEQ)
Subject: RE: Flint River Monitoring

Jennifer,

This reads well...You may want to add to the two last sentences...."To clarify, the TTHMs found in the city's drinking water are a by-product of the chlorination process which starts at the water treatment plant as chlorine reacts with naturally occurring organic compounds from the Flint River". "Refrigerants and solvents are not the contributing precursors of TTHM formation from the Flint River".

Michael Prysby, P.E.
 District Engineer
 Office of Drinking Water and Municipal Assistance
 517 290-8817

From: Crooks, Jennifer [<mailto:crooks.jennifer@epa.gov>]
Sent: Wednesday, April 08, 2015 4:30 PM
To: Busch, Stephen (DEQ)
Cc: Prysby, Mike (DEQ)
Subject: RE: Flint River Monitoring

How does this sound?

"Your letter indicated that you received a letter of alert regarding refrigerant and cleaning solvents found in the Flint River. The letter of alert is most likely the public notice dated January 2, 2015 that was sent to you by the City regarding the drinking water TTHM violation, as required by Federal and SDWAs. Wikipedia states that industrial uses of TTHMs are refrigerants and solvents, and that TTHMs as water pollutants are a by-product of the chlorination process. To clarify, the TTHMs found in the City's drinking water are a by-product of the chlorination process which begins in the City's water treatment plant. The TTHMs are not originating from the Flint River."

Jen

From: Busch, Stephen (DEQ) [<mailto:BUSCHS@michigan.gov>]
Sent: Wednesday, April 08, 2015 2:33 PM
To: Crooks, Jennifer
Cc: Prysby, Mike (DEQ)
Subject: RE: Flint River Monitoring

Jennifer,

Here is what we think your complainant may be referring to:

The solvent/refrigerant reference appears to come from Wikipedia
<http://en.wikipedia.org/wiki/Trihalomethane>

The Flint Public Notice was mailed out to residents on January 2, 2015.
http://www.mlive.com/news/flint/index.ssf/2015/01/flint_water_has_high_disinfect.html

Stephen Busch, P.E.
 Lansing and Jackson District Supervisor
 Office of Drinking Water and Municipal Assistance
 MDEQ
 517-643-2314

From: Crooks, Jennifer [<mailto:crooks.jennifer@epa.gov>]
Sent: Wednesday, April 08, 2015 3:02 PM
To: Busch, Stephen (DEQ)
Cc: Prysby, Mike (DEQ)
Subject: RE: Flint River Monitoring

Thank you, Steve, for such a prompt answer—I definitely appreciate it. So, I thought I would respond below—is this accurate in your opinion?

“Your letter indicated that you received a letter of alert regarding refrigerant and cleaning solvents found in the Flint River. Three different programs in the Water Resources Division were contacted, and none were aware of any reports of dumping of these chemicals, nor of any monitoring being done on the Flint River for these chemicals.”

Jennifer

From: Busch, Stephen (DEQ) [<mailto:BUSCHS@michigan.gov>]
Sent: Wednesday, April 08, 2015 1:06 PM
To: Crooks, Jennifer
Cc: Prysby, Mike (DEQ)
Subject: Flint River Monitoring

Jennifer,

Per our phone conversation this morning, I have contacted MDEQ Water Resources Division Staff. This included:
 Stephanie Kammer, Acting Lansing District Supervisor
 Chuck Bennett, NPDES and Wastewater Engineering
 William Keiper, Aquatic Biologist, Surface Water Assessment Section
 Susan Doty, Storm Water NPDES and Non-point Source

All responded and none of them are aware of such monitoring (solvents or refrigerants) being done on the Flint River.

Please let me know if you end up with a copy of this “Letter of Alert” from your complainant. I’m sure we would all be interested in the source of such information.

Thanks.