

Rennaker, Joanne (DEQ)

From: Busch, Stephen (DEQ)
Sent: Wednesday, April 08, 2015 3:16 PM
To: Doty, Susan (DEQ); Kammer, Stephanie (DEQ); Prysby, Mike (DEQ)
Cc: Bennett, Charles (DEQ); Vanderlaan, Mary (DEQ); Bishop, Susan (DEQ); Keiper, William (DEQ)
Subject: RE: Flint River Inquiry

Thanks. I think that probably is where the individual says the info is coming from.

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

From: Doty, Susan (DEQ)
Sent: Wednesday, April 08, 2015 3:06 PM
To: Kammer, Stephanie (DEQ); Busch, Stephen (DEQ); Prysby, Mike (DEQ)
Cc: Bennett, Charles (DEQ); Vanderlaan, Mary (DEQ); Bishop, Susan (DEQ); Keiper, William (DEQ)
Subject: RE: Flint River Inquiry

I did a little internet searching and found this: In addition, Flint water contains elevated levels of trihalomethane (TTHM), a byproduct of the heavy chlorination of river water to combat bacteria. On January 2, notices were sent to water customers by the city warning that drinking water with excessive amounts of TTHM over "many years" could result in liver, kidney or central nervous system problems as well as an increased risk of cancer.
http://cityofflint.com/wp-content/uploads/City-of-Flint-Violation-Notice-MCL-TTHM-12_16_14.pdf

If you google trihalomethane- Trihalomethanes are chemical compounds in which three of the four hydrogen atoms of methane are replaced by halogen atoms. Many trihalomethanes find uses in industry as solvents or refrigerants.

Maybe we need to talk with Drinking Water- Mike Prysby?
 -Susan

Susan Doty

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From: Kammer, Stephanie (DEQ)
Sent: Wednesday, April 08, 2015 2:19 PM
To: Busch, Stephen (DEQ)
Cc: Bennett, Charles (DEQ); Vanderlaan, Mary (DEQ); Bishop, Susan (DEQ); Doty, Susan (DEQ); Keiper, William (DEQ)
Subject: RE: Flint River Inquiry

In addition, the City of Flint does some in-stream monitoring of the Flint and it's tributaries as part of their municipal storm water permit. I just looked at their most recent annual report and it does not appear that their monitoring includes solvents or refrigerants either.

Stephanie Kammer

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From: Keiper, William (DEQ)
Sent: Wednesday, April 08, 2015 1:46 PM
To: Kammer, Stephanie (DEQ)
Cc: Alexander, Michael (DEQ)
Subject: RE: Flint River Inquiry

We do take water chemistry sample periodically in the flint (typically 4 times a year) however we do not monitor for solvents or refrigerants. Im not aware of monitoring for those parameters anywhere.

-Bill

William Keiper

Aquatic Biologist
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Water Resources Division

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From: Kammer, Stephanie (DEQ)
Sent: Wednesday, April 08, 2015 12:58 PM
To: Alexander, Michael (DEQ); Goodwin, Kevin (DEQ); Keiper, William (DEQ)
Cc: Bennett, Charles (DEQ)
Subject: FW: Flint River Inquiry

See the question below regarding refrigerants and solvents in the Flint River. Is this anything your unit may be aware of?

From: Bennett, Charles (DEQ)
Sent: Wednesday, April 08, 2015 11:35 AM
To: Busch, Stephen (DEQ)
Cc: Vanderlaan, Mary (DEQ); Bishop, Susan (DEQ); Doty, Susan (DEQ); Kammer, Stephanie (DEQ)
Subject: RE: Flint River Inquiry

i'm NPDES compliance for genesee county and am neither aware of the monitoring or the letter

Charles Bennett, PE
DEQ Water Resources Division