
From: Marc Edwards <edwardsm@vt.edu>
Sent: Monday, October 12, 2015 1:11 PM
To: Wurfel, Brad (DEQ)
Subject: RE: Box of Bottles of Pipes...?

Yes. It is probably too late to do any good, given the decision to switch sources.

They are the lead solder kits for testing the corrosivity of Detroit vs. Flint River water.

We are having independent confirmation studies of our lab work, and at one point, figured DEQ would want to do these tests as well.

We will send you the instructions if you want to replicate the work.

The general idea was to get a set of bottles going on Flint River and Detroit, so you can see and monitor the difference in lead release. It is quite extraordinary and visible to the eye, as presented on our website.

You can see the results within a week, assuming it works as it did for us.

Then, if the corrosion control was going to be P addition to Flint River, you could watch how long it takes to see a benefit, and if so, how much benefit...complementing our work.

We figured the more people monitoring the effectiveness of corrosion control, the better.

At present, since the switch is to Detroit, instead, you can see how quickly the lead leaching to the water is decreased, after Flint River is switched to Detroit.

So in theory you could track 10 days of leaching in Flint River in 6 of the bottles, then switch 3 to Detroit, and also feed 3 reactors with Detroit from the start.

We are doing this with classrooms outside of Flint, and since the ground has shifted beneath our feet, what you do with it is up to you.

So will send you the instructions. Sorry for the confusion. If you do not want to do anything with it, just toss them.

Best Regards,

Marc

From: Wurfel, Brad (DEQ) [mailto:WurfelB@michigan.gov]
Sent: Monday, October 12, 2015 12:29 PM
To: edwardsm@vt.edu
Subject: Box of Bottles of Pipes...?

Hello, Dr. Edwards.

I received a package today that purports to be from you. Confirming it was in fact from you, and curious if you meant to include a note?

b

Brad Wurfel

Communications Director

Michigan Department of Environmental Quality

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