

Maslo, Christopher

From: Maslo, Christopher
Sent: Friday, September 25, 2015 1:03 PM
To: jimbates@sebringohio.net
Cc: Baughman, Kenneth
Subject: Sebring: Lead & Copper Sample Site Questions & Compliance Concerns
Attachments: SKMBT_601_215092511270.pdf; SKMBT_601_215092511330.pdf

Importance: High

Jim-
Please see the attached copy of your 1992 Pb & Cu sample sites (40). This should help you identify additional sampling sites in your system. I am concerned that you do not have access to your list of available sample sites for lead and copper.

I am even more concerned that you are considering "repeat" samples from sites in an attempt to get below the 90th percentile. This approach would certainly violate the spirit, if not also the letter of the law, and would subject your Pb & Cu monitoring practices and data (past, present, and future) to additional scrutiny from NEDO, CO, and the OPCERT group. I would not recommend any additional sampling at this time as it appears you have a corrosion control problem based upon the first 30 samples collected.

Given the expense necessary to collect a large # of additional samples in the hopes of getting below the 90th percentile I recommend you very carefully consider the value of moving forward with additional sampling. It would seem that energy and resources would be better spent on addressing/implementing corrosion control strategies.

Please see the link below for additional information regarding Pb & Cu monitoring.

<http://epa.ohio.gov/ddagw/reporting.aspx#130597507-lead-and-copper>

Chris Maslo
Environmental Specialist
Division of Drinking and Ground Waters – Public Drinking Water Northeast District Office
2110 East Aurora Road
Twinsburg, OH 44087
Phone: 330-963-1164
Fax: 330-963-4760
christopher.maslo@epa.ohio.gov

Village Manager

From: jimbates@sebringohio.net
Sent: Wednesday, October 07, 2015 9:16 AM
To: Village Manager
Subject: Lead and Copper
Attachments: September 30,2015.docx

SEPTEMBER 30, 2015

To: Rick Giroux

From: Jim Bates

Lead and Copper

We just recently failed our lead and copper water tests for the distribution system. For the last twenty two years we have just barely passed this test.

Some history about the lead and copper testing here in Sebring. For the last twenty four years the water in Sebring has been slightly corrosive. Corrosive water is a term used to describe "aggressive" water that can dissolve materials with which it comes in contact. While aggressive water is usually not dangerous to consume by itself, it can cause serious drinking water quality problems by dissolving metals from plumbing systems. Back in 1992 Burgess and Niple was hired by the Village to correct this issue. Ed Householder and Butch Fox were running the plant at the time, because Chuck Alcorn had just left to take another job. The upgrade to the plant did not work. So we have been lucky to get by for this long. We are required to take twenty samples once every three years. Six years ago we had to take thirty samples and three years ago we had to take forty samples to pass the test. This year we were at 40 samples and the EPA suggested we stop.

Here are the facts:

- We are in violation for high levels of lead in seven out of the forty samples we had grabbed. The 90th percentile is 21 ppb and the limit is 15.5 ppb.
- We will be required to do a public notice for the whole system.
- This is our first offense for this.
- There is no fine.
- We will be required to draw up plans to feed Polyorthophosphate in a very small amount to correct this.
- We will have to do no actions taken by the EPA, other than the public notice.
- This problem is caused by old water lines going in old houses with lead used as its solder. Since lead solder was banned 30 years ago. As lines are replaced, this will go away.
- This has nothing to do with the carbon canisters that were installed in early 2014.
- This has nothing to do with Total Trihalomethanes or Haloacetic Acids in our water.
- I will gladly answer any questions about this.

Village Manager

From: Village Manager [citymanager@sebringohio.net]
Sent: Wednesday, October 07, 2015 1:47 PM
To: 'jimbates@sebringohio.net'
Subject: RE: Lead and Copper

Anything at the WTP that can be done to rectify this or is it a water line problem exclusively?

Richard D. Giroux
City Manager
Municipality of Sebring
135 East Ohio Avenue
Sebring, Ohio 44672
330-938-9340 office
330-938-3425 fax

From: jimbates@sebringohio.net [mailto:jimbates@sebringohio.net]
Sent: Wednesday, October 07, 2015 9:16 AM
To: Village Manager
Subject: Lead and Copper

Richard D. Giroux
City Manager
135 East Ohio Avenue
Sebring, Ohio 44672



Phone: 330-938-9340
Fax: 330-938-3425
citymanager@sebringohio.net
www.sebringohio.net

TO: Council Members
FR: City Manager Giroux
RE: Weekly Memo
DT: 1/15/16

Dear Council Member:

The following is a brief summary of noteworthy issues for the period of January 11 – January 15, 2016:

1. My report is a bit light this week due the *majority* of my time focused on website construction. You should see many of the links come on-line next week and the site fill out substantially by next Friday.
2. Enclosed a letter from Berlin Twp giving us a 30 day notice to end their dispatching services with Sebring PD effective 2/14/16. My information is that Canfield might be replacing us for those services.
3. Met with Superintendent Bates to determine the cause and solution to our recent Lead and Copper OEPA violation notices. Apparently, these are an anomaly due to what is called in the industry as "aggressive water" which means it is leaching lead and copper out of the pipes showing up on out testing samples. There isn't any lead or copper in the water coming from either the plant or our lines, however the water being produced is acidic and ionized so its leaching the metals from *residential* plumbing into the water. Corrective measures are in play, perhaps using polyphosphate to counteract the problem. However, the lead and copper violations will have to be publicized per EPA regs. We are drafting a press release to explain the anomaly.
4. Latest progress on the 12th Street Paving Project, engineering which starts this year is:

Activity	Start Date	Finish Date
Stage 2 Review	5/2/16	6/3/16
Stage 3 Review	8/1/16	9/2/16
Environmental Clearance		11/1/16
RW ~ Utility Clearance		12/1/16
Tracings to District	12/2/16	12/16/16
Sale Date		6/22/17 *
Award Date		7/3/17 *

*will request this specific sale date during project lockdown