

From: "Zervos, Marcus" <mzervos1@hfhs.org>
Date: November 1, 2019 at 4:46:38 PM EDT
To: "Hanna-Attisha, Mona" <hannamon@msu.edu>
Subject: Re: Abstract?

Mona thanks for asking, out of country now and hard to talk or email, this is a published abstract of a poster where this was presented at one of our ID meetings as a late breaker poster (IMED, 2019). Only the abstract with table published. It is important to note that the 10 homes in Flint were from people that consulted with me about their illness, so not overall representative of Flint, and limited by small sample. It is concerning however, that 5/10 homes, had various pathogens in their filtered water. I presented the results and what I feel to be the implications to the GC health Department, MDHHS, CDC, an GC medical society and the regularly meeting technical advisory group that Pam Pugh leads in Flint, in hopes of doing an evaluation of this that is representative of Flint, eg larger sample size of water sampling, more detailed look at reasons for pneumonia deaths in flint, ect, let me know if you want to talk. Mark

From: Hanna-Attisha, Mona <hannamon@msu.edu>
Sent: Friday, November 1, 2019 3:30 PM
To: Zervos, Marcus
Subject: Abstract?

***** External E-Mail – Use Caution *****

Dr Zervos, I hope this email finds you well! I was compiling all the Flint-related research and came across the attached. I believe you're the corresponding author. If you're not, let me know who is.

This paper is scary. 5/10 people died. Is there more to it? Was this an abstract? It leaves many unanswered questions. How were these homes selected? Was this intended to be representative? How was this paper published - a sample size of 10 with such limited (and scary) info?

I just worry about the unintended consequences of this paper. It's frightening and implies filters caused the morbidity and mortality. This is especially relevant now as so many more communities across Michigan and nationally are finding lead in water and relying on filters.

Please feel free to share any more info. Would love to see the actual full publication - if I missed it, I apologize.

Thanks and best, Mona

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