Message

From: Crumlish, Karen [Crumlish.Karen@epa.gov]
Sent: 10/18/2022 5:53:28 PM
To: heather.warren [heather.warren@delaware.gov]; Hanes, James (DHSS) [James.Hanes@delaware.gov]; Stephen.Mann [Stephen.Mann@delaware.gov]
CC: Richardson, William [Richardson.William@epa.gov]
Subject: RE: follow-up

Thank you, Heather. I was suggesting a follow-up call to circle back on some of the topics we discussed during last week's call. I also spoke with a lead expert in EPA's Office of Research and Development and described the main replacement project we briefly discussed last week. He offered to participate in a call to discuss some potential options such as filter studies and additional testing to further investigate the source(s) of lead and determine whether there could be other potential solutions. Perhaps this type of work has already been done, but we wanted to offer this type of support if it would be beneficial. I had mentioned the possibility of an announcement based on the sample results being available on the DPH website, thinking that getting information out there could address some of the questions you're receiving. As you mentioned, it sounds like those discussions have been ongoing to date.

With those topics in mind, would you recommend getting folks from both DOE and DHSS on a call, following up with DOE directly, or following up with both Departments separately?

Thank you,
Karrie

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From: Warren, Heather (DHSS) <Heather.Warren@delaware.gov>
Sent: Tuesday, October 18, 2022 8:00 AM
To: Crumlish, Karen <Crumlish.Karen@epa.gov>; Hanes, James (DHSS) <James.Hanes@delaware.gov>; Stephen.Mann <Stephen.Mann@delaware.gov>
Cc: Richardson, William <Richardson.William@epa.gov>
Subject: RE: follow-up

Good Morning Karen

As DOE is the grantee and owns the grant, they are responsible for any announcements and explanations. DPH is providing technical assistance to school districts only. DPH has been on many calls with the Governor's office, legislative briefings, media, DOE, etc to explain the details you outline below, so that part is covered. Again, DOE is the grantee and the main POC for public announcements and the like. DPH is support only.

From: Crumlish, Karen <Crumlish.Karen@epa.gov>
Sent: Monday, October 17, 2022 4:36 PM
To: Hanes, James (DHSS) <James.Hanes@delaware.gov>; Warren, Heather (DHSS) <Heather.Warren@delaware.gov>; Mann, Stephen M (DHSS) <Stephen.Mann@delaware.gov>
Cc: Richardson, William <Richardson.William@epa.gov>
Subject: RE: follow-up

Hi all,

I'd like to schedule a follow-up call this week for some additional discussion. Bill is on travel this week, but if you could please send me some dates and times that you're available hopefully we can get something scheduled.

In the meantime, would DHSS consider announcing that schools will be resampled along with an explanation of why initial samples may not have been representative and accurate? It might be helpful to share that information to let folks know that new data will be available, when it is expected, and to explain what that data means when it is available.

Happy to discuss this, among other topics, when we are able to catch up.
Thank you,
Karrie

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From: Hanes, James (DHSS) <James.Hanes@delaware.gov>
Sent: Friday, October 14, 2022 5:40 PM
To: Crumlish, Karen <Crumlish.Karen@epa.gov>; heather.warren <heather.warren@delaware.gov>; Stephen.Mann <Stephen.Mann@delaware.gov>
Cc: Richardson, William <Richardson.William@epa.gov>
Subject: Re: follow-up

Karen,

Thank you for meeting with us this morning and providing valuable information.

I am currently working on communication information to address the background of the project, guidance given to districts, ongoing sampling, and what steps have been taken.

I will look into the language on the web page as I have other bits of information I am looking to add or change as we have gone through this process throughout the past two weeks.

Regarding the color coding system, that is another item I have been working with in conjunction with DOE. Intially, this was used to help prioritize resampling and efforts to impacted districts and buildings. Looking forward, I think we (as in public health and DOE) need to determine an acceptable level for these faculties since they fall out of the definition of a

public water system and are somewhere in the middle yet serve a population susceptible to lead poisoning. I have a feeling more than likely we will land somewhere close to that 5 ppb number.

Follow-up with your lead experts would be greatly appreciated. Any additional comment or input with experts in the field is always helpful as we are developing this relatively new program within the state. Especially looking forward as we go to develop and implement the requirements in our healthy schools legislation.

Thank you and have a good weekend,

James Hanes, MHP
Environmental Scientist IV
Environmental Hazards & Toxicology
Health Systems Protection

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From: Crumlish, Karen <Crumlish.Karen@epa.gov>
Sent: Friday, October 14, 2022 3:35 PM
To: Warren, Heather (DHSS) <Heather.Warren@delaware.gov>; Mann, Stephen M (DHSS) <Stephen.Mann@delaware.gov>; Hanes, James (DHSS) <James.Hanes@delaware.gov>
Cc: Richardson, William <Richardson.William@epa.gov>
Subject: follow-up

Hi all,

Thank you again for meeting with us this morning and providing additional information. Thinking about communicating information, could background be added to the website that provides information about this sampling, steps DPH is taking to work with School Districts on ongoing sampling, communication efforts, etc.
https://www.dhss.delaware.gov/dhss/dph/hsp/files/leadsampleresultsschools.pdf

I would recommend modifying this language, "The EPA maximum contaminant level for lead is 0.015 mg/L". The level of 15 ppb is an action level at the 90th percentile of compliance sampling throughout a distribution system. Since schools tested under this grant do not meet the definition of a public water system and do not have distribution systems, 15 ppb does not apply. We might need to discuss using 15 ppb as the level to establish results as falling in green, yellow and red categories. If it would be helpful, we can follow up with our lead experts for their input.

We look forward to additional discussion and collaboration on this effort.
Thank you,
Karrie

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