To: Garvin, Shawn[garvin.shawn@epa.gov]
Cc: Popovic, Tanja (CDC/ONDIEH/NCEH)[txp1@cdc.gov]
From: Popovic, Tanja (CDC/ONDIEH/NCEH)
Sent: Tue 2/4/2014 9:39:51 PM
Subject: FW: Freedom Industries technical assistance request

Shawn,

We just got a request from WV for assistance – see below – our SMEs believe that more along your lines. Given the sensitivity of the WV issues, heads up that this may come to you guys shortly.

Ex. 6 - Personal Privacy

My work bberry being fixed as we speak

Tanja

From: Helverson, Robert (CDC epa.gov)
Sent: Tuesday, February 04, 2014 2:49 PM
To: Werner, Lora S. (CDC epa.gov); Kapil, Vikas (CDC/ONDIEH/NCEH); Murray, Ed (ATSDR/DTHHS/OD); Cseh, Larry (ATSDR/DTHHS/OD); Chaney, Sascha (ATSDR/OA/OD)
Cc: Mellard, David (ATSDR/DCHI/EB); Markiewicz, Karl (EPA) (CDC epa.gov)
Subject: Freedom Industries technical assistance request
Importance: High

Good Afternoon Dr. Murray,

Dr. Tierney (WVBPH) called me a few moments ago regarding formaldehyde inhalation exposures from showering. Dr. Tierney has a hearing before the WV State Senate at 10 am tomorrow to discuss the water contamination event and she expects questions about formaldehyde regardless of its relevance to the actual spilled material. A former EPA researcher (no name offered) working at WVU spoke with Dr. Tierney and mentioned there is a shower model for assessing inhalation exposures to drinking water contaminants.

We have in the past used our own ATSDR-developed shower spreadsheet (based on EA model?) for evaluating chemical inhalation exposures and these modeled exposure calculations have been included in previous ATSDR documents (e.g. health consultations).

The specific technical assistance request is as follows: **Dr. Tierney would like to know if we can provide our shower model spreadsheet and/or determine the inhalation exposure value for formaldehyde based on Dr. Simonton's reported formaldehyde concentration of 32-33 ppb.**

Alternatively, we could direct her to the EPA model, although I have no knowledge of this model or how to access it. And I am not sure that would be too helpful unless the model was run for Dr. Tierney.

ATSDR Region 3 has worked directly with Dr. David Mellard in the past with these shower model efforts.

Robert H. Helverson
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