Message

From: Santos, Carmen [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=C40BE41752E548B58E4527771BFE6085-CSANTOS]
Sent: 5/23/2018 4:11:13 PM
To: Rykaczewski, Dave A. (Dave.Rykaczewski@wsp.com) [Dave.Rykaczewski@wsp.com]; Cepko, Russ P [Russ.Cepko@cbs.com]
CC: Wilson, Patrick [Wilson.Patrick@epa.gov]
Subject: CBS / Former Westinghouse Facility, Compton, CA

Hello David and Russ,

We have our biweekly call today at 11 am. I have invited Dr. Patrick Wilson, one of our senior toxicologists in Region 9, to participate on the call.

Following up on the last call we had two weeks ago, I am describing here for discussion today an approach to calculate the 95% UCL of the mean of the samples results when a portion of the concrete floor in a specific DU has been removed and replaced. David and I talked briefly about this topic during our most recent call. In addition to the approach that David had described, I mentioned a few options also for consideration which I have included below but are not preferred options.

EPA proposed approach to Calculate 95% UCL of the mean of the samples results for the scenario described above using ProUCL ("Additional Option" or "Option 4"): All the data for the concrete floor in the DU where a portion of the concrete floor was removed is entered into ProUCL. The sample results for the portion of the concrete floor that was removed should be substituted in ProUCL by "non-detect." Follow ProUCL's prompts regarding "non-detect" values.

Other options that David and I briefly talked about:

1. **Option 1:** In ProUCL, replace the PCB results for the portion of concrete that was removed with zeros. Calculate 95% UCL of the mean for the DU.

2. **Option 2:** In ProUCL, delete the data for the concrete floor portion that was removed and do not replace that data with anything. Calculate the 95% UCL of the mean using all remaining data for the DU that excludes the portion of the concrete floor that was removed and replaced.

3. **Option 3:** In ProUCL, replace the data for the concrete floor portion that was removed and replaced with half the detection limits for each analytical result being replaced. Calculate the 95% UCL for the DU.

4. **Additional Option:** Not discussed with CBS. An additional option is described in this email and it is EPA's preferred option.

Best,

Carmen D. Santos
PCB Coordinator

USEPA Region 9
Land Division, LND-4-1
75 Hawthorne Street

San Francisco, CA 94105
415.972.3360
santos.carmen@epa.gov

"I am imagination. I can see what the eyes cannot see. I can hear what the ears cannot hear. I can feel what the heart cannot feel." Zarlenga

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