Message

From: Birchfield, Norman [Birchfield.Norman@epa.gov]
Sent: 5/17/2019 5:55:22 PM
To: Phillips, Linda [Phillips.Linda@epa.gov]
CC: Morozov, Viktor [Morozov.Viktor@epa.gov]
Subject: RE: internal review of updated PCB Exposure Estimation Tool
Attachments: IMG_0042.JPG; PCB ELE review comments.docx

Hi Linda – thanks for the opportunity to review. I think the work looks great. I have attached suggestions for your consideration but I don't feel that any of them are "required". If you would like feedback/review of peer review questions, I'd be happy to help with that. Have a great weekend! Thanks, Norm

From: Phillips, Linda
Sent: Thursday, May 16, 2019 8:31 AM
To: Birchfield, Norman <Birchfield.Norman@epa.gov>
Cc: Morozov, Viktor <Morozov.Viktor@epa.gov>
Subject: internal review of updated PCB Exposure Estimation Tool

Norm –

The PCB Exposure Estimation Tool was developed in 2009 (Version 1.1) to help exposure/risk assessors estimate total PCB exposures. The Tool has also been used to calculate Exposure Levels for Evaluating (ELE) PCB concentrations in indoor school air. These values represent the maximum PCB air concentration that would not result in an exceedance of the RfD for PCB Aroclor 1254, considering background exposures from other school and non-school pathways.

The PCB Exposure Estimation Tool was updated in 2010 (Version 1.2) to include revised dietary dose levels provided by FDA. Recently, the Tool has been updated again (Version 2.0) to include more recent data on background concentrations of PCBs in environmental media, based on a systematic review of the scientific literature, and updated exposure factors from the *Exposure Factors Handbook: 2011 Edition* and its 2017 updates. We are currently conducting an internal EPA review of the updated Tool (Version 2.0) which will be followed by an external peer review.

You are being asked to review and comment on the updated Tool (Version 2.0) which is attached to this email. A document entitled: *Systematic Review for Updating the PCB Exposure Estimation Tool and the Exposure Levels for Evaluating PCBs in Indoor School Air* is also being provided as background information on the PCB Exposure Estimation Tool and ELEs, and the process used to update them.

We request that you review the Tool and provide comments to Linda Phillips and Viktor Morozov by Monday **June 10, 2019**, using the attached Technical Review form. Thank you in advance for your assistance.

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