From:	LaPoma, Jennifer
To:	Robert Law
Cc:	Willard Potter; Kirchner, Scott
Subject:	Question regarding Bioaccumulation Tissue Calculations
Date:	Friday, July 15, 2016 2:52:00 PM
Attachments:	CPG Bioaccumulation Model compared to Bioaccumulation Tissue.docx

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Rob,

Could the CPG please clarify the derived BSAF for "bioaccumulation samples" in the Lower Passaic. Our simple calculations (attached) suggest that, compared to these "bioaccumulation samples," the model is over predicting deposit feeders by a factor of > 10 for 2378-TCDD and by a factor of 1.7 to 5.5 for TPCB. To derive these estimates we compared the bioaccumulation model results with the "bioaccumulation tissue" samples data cited in Appendix F of the document and which come from the document *2009 BIOACCUMULATION TISSUE CHEMISTRY DATA FOR THE LOWER PASSAIC RIVER STUDY AREA.* Are there more synoptic sediment samples to compare with these bioaccumulation tissue chemistry results? From what I understand it may they have been suggested that the model is only overpredicting by a factor of 2 compared to these samples.

Thanks,
Jennifer LaPoma