PMF Work Group call summary
Zoom Meeting – 06/30/2021

Attendees:

Mike Hermanson – Spokane County
Amy Sumner – Spokane County
Dave Dilks – LimnoTech
Lisa Rodenburg – Rutgers University/consultant
Mike Anderson – City of Coeur d'Alene
Lisa Dally Wilson – SRSP
Brandee Era-Miller - Ecology
Jeff Donovan – City of Spokane
Ben Floyd – White Bluffs Consulting
Gary Jones – Printing United Alliance

Meeting purpose:
Presentation and discussion of the *Fingerprinting of PCBs in Spokane River fish, biofilm, and SPMDs* report

Meeting summary:
In advance of the meeting the paper entitled "*Fingerprinting of PCBs in Spokane River fish, biofilm, and SPMDs*" was distributed to the workgroup. Mike Hermanson described how this report fit into the scope of work to conduct a holistic analysis of PMF and MLR (multiple linear regression) results to further the understanding of PCB sources and pathways within the Spokane River Watershed. The scope of work includes two tasks. Task 1 is to conduct additional PMF analysis on the 2018 and 2019 biofilm results, the 2020 SPMD results and the 2020 fish tissue results. Task 2 is to conduct a holistic analysis of all PMF and MLR results. A report of the analysis conducted in Task 1 was not included in the original scope of work, but will be added through a contract amendment. The total cost will not change. Dr. Rodenburg gave a presentation of the results. The group discussed various aspects of the results including trends in fish tissue concentrations, potential sources indicated by the biofilm results, potential analysis of additional SPMD results, utilization of the measured mass of PCB from the SPMDs vs the calculated water column concentration, and comparison of SPMD results vs the biofilm results as they relate to water column concentrations. She noted that PCB 11 is frequently below the detection limit in the fish samples, and that PCBs in fish tissue are almost entirely from Aroclors. Dr. Rodenburg requested that prior to beginning the holistic analysis that this group meet to have a brain storming session on how to bring all the data together in the holistic analysis. The group then discussed how to proceed with review and finalization of the report discussed today. Dr. Rodenburg asked when the second and third rounds of SPMD data will be available, and Dave Dilks said he is reviewing the 2nd round results and will likely receive the 3rd round results shortly. Dr. Rodenburg said that she could include those rounds of data in the analysis and include that in the next revision of the report. Comments on the report were requested by 7/19.

Next Steps:

Dr. Rodenburg will evaluate the comments on the report and include analysis of the 2nd and 3rd round of SPMD results in the next revision of the report. Once completed the revision will be sent to the

workgroup for review. The next workgroup meeting will be a brainstorming session for the holistic analysis.