

Working Session #1: Source Identification & Reduction

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Session Focus:

Craft a detailed scope of work for identifying potential upland or in-river PCB sources in support of the comprehensive monitoring plan.

"This is about what's going on, on the ground or on the river that may be a potential source of PCBs to the river"

Session Specifics:

Based on the design of the river monitoring plan, what is the inventory of potential PCB sources in each river segment? What other appropriate data on potential PCB sources should be collected to define the current state? (Consider land use, aerial deposition, and other factors in determining the rationale for the monitoring plan.) What data about potential sources other than their existence should be collected?

What specific types, and if possible the volumes, of potential sources are present in areas that could contribute (surface or groundwater discharge) to each river segment?

What level of aerial deposition exists in each river segment and what is it relative to regional background? What is contributing, wet deposition, dry deposition, gaseous flux or a combination? Over what duration, frequency, and periods should samples be collected? How should samples be collected and analyzed?

What are the concentrations and congener distribution patterns at various locations?

Is there a good inventory of hazardous waste sites (e.g., Superfund and state sites) that have known or suspected PCB contamination? Are their pathways from these sites to the river?