Summary of Knowns and Unknowns
Potential Next Steps
What We Know

• Water column levels of PCBs during summer low flow
• Primary sources of PCBs to the water column during summer low flow
• Sediment and biofilm at certain locations are elevated above background levels
• Background levels of sediment PCBs are consistent with water column concentration
What We Don’t Know

• Biofilm and Sediment
  – Spatial extent of hot spots
  – Causes of hot spots

• Groundwater loads
  – Magnitude of loads from Greene St. to Ninemile
  – Significance of loads up-gradient of Kaiser
  – Whether loads differ during high flow

• Future concentrations
• Linkage between PCB loads and resulting fish tissue
• Cause of apparent loss of PCBs near Upriver Dam
• Exact magnitude of stormwater/CSO loads
• Significance of atmospheric deposition
Likely Next Steps

• Provide input on activities already likely to occur
  – Biofilm/sediment sampling
  – Monitoring to establish if progress is being made
    • May help assess significance of unknown loads during higher flows
Unlikely Next Steps

• Refine estimate of magnitude of stormwater/CSO loads
  – City of Spokane is already addressing these loads

• Determine significance of atmospheric deposition
Potential Next Steps

- Assess biofilm/sediment hotspots
  - Provide additional resources to EAP

- Improved assessment of dry weather groundwater loads
  - Magnitude of loads from Greene St. to Ninemile
  - Significance of loads up-gradient of Kaiser

- Targeted assessment of high flow loading

- Investigate cause of apparent loss of PCBs near Upriver Dam

- Develop linkage between PCB loads and resulting fish tissue

- Others?