

Potential EAP Projects

Estimate of PCB loading in stormwater

In FY 2016 EAP performed a review of stormwater data collected by the City of Spokane. The review identifies a need for stormwater basin modeling, including a water quality component and recommends ongoing sampling the top 10 or top 30 basins. This information is an essential data gap identified by the Spokane River Regional Toxics Task Force (Task Force). The project would assist the City of Spokane in collecting this data since the City's currently lacks monitoring and analytical staffing to conduct this level of analysis. The collection of this data will assist the Task Force in completing and implementing its Comprehensive Plan, a key component of the Task Force MOA.

Sediment Sampling in the Spokane River for PCB Sources

The Spokane River Regional Toxics Task Force (SRRTTF) is tasked with identifying sources of PCBs to the Spokane River and identifying Best Management Practices (BMPs) that reduce PCB inputs to the river. PCBs in sediment could impact the water column. Two reaches of the Spokane River have the highest levels of PCBs in fish tissue, which could indicate high concentrations of PCB in sediment. This project proposes to 1) perform literature for existing studies and data, 2) plan sampling approach, and 3) collect and analyze sediments in these reaches which would help guide future source reduction activities and BMPs.

Perform a PCB mass balance assessment in the River in the Spokane gage to Nine Mile gage segment.

Scope: Collect dry weather flow data and surface water samples from these two locations to better determine the impact of the gaining reach in the area. Groundwater flow into this reach of the river has not yet been evaluated for PCB contribution. (This work could also provide monitoring data based upon the option selected.)

Budget - \$50,000 (estimated)

Comp Plan Element 5.14 Category C Identification of Sites of Concern for Contaminated Groundwater

Survey Schools and Public Buildings.

Scope: Meet with Spokane Public Schools to educate them on PCB issues with respect to their presence in building materials. Offer third party sampling and testing services for a building demolition project (Linwood Elementary) to support the development of BMPs for the demolition and management of building materials.

Budget - \$20,000 to \$25,000 (estimated)

Comprehensive Plan Elements 5.9.2 Waste Disposal Assistance; 5.13 Building Demo & Renovation Control; & 6.2.2 Survey Schools & Public Buildings