SRRTTF PCB Work Plan Objectives

Phase 1 Effort Concept

~ August 8, 2012 Discussion Draft ~

# Proposed SRRTTF Work Plan Objectives

Based on input and discussions at the June 5 and 6, 2012 Spokane River Toxics Workshop, the following objectives should be considered by the Spokane River Regional Toxics Task Force (SRRTTF) and their technical advisor when developing the first/phase 1 work plan:

* Develop a validated PCB model for the Spokane River that includes sources and sinks within the watershed and recognizes the seasonal variability in river conditions. The model would address watershed fate and transport and include a fish model as well as mass balance capabilities. The model would also link to a GIS mapping function to assist with source reduction and quantification activities.
* Develop a detailed inventory of sources and sinks within the watershed for incorporation into the PCB model. Consider data/information from other entities (for example – Department of Ecology and wastewater dischargers).
* Prepare the appropriate documentation for sample collection methods, analytical protocols, and data management for PCBs in various media so that all data collected by different entities is comparable and can be integrated into the PCB model. This includes consistent approaches and report formats.
* Develop a Sampling and Analysis Plan for “Area Wide” source quantification and characterization (for example - aerial deposition from regional and local sources or aquifer recharge to the river).
* Develop a Sampling and Analysis Plan for river segments, as appropriate, for collection of inventory data on sources and sinks and for input into the river’s PCB model.
* Develop a system for tracking PCB status relative to source reduction efforts and watershed conditions.