

Spokane River Stewardship Partners

Working every day for a healthy river

Spokane County • City of Spokane • Liberty Lake Sewer & Water District • City of Coeur d'Alene • City of Post Falls • Hayden Area Regional Sewer Board
Avista • Inland Empire Paper Company • Kaiser Aluminum

SRSP Measureable Progress

A Summary of Collective SRSP – PCB Reduction Activities

DRAFT for Discussion

I. Overview

The Spokane River Stewardship Partners (SRSP) have been participating in an innovative and holistic effort at removal of PCBs in the Spokane watershed as part of the (Spokane River Regional Toxics Task Force (SRRTTF or Task Force) for over two years. The SRSP provide time, resources and funding to the direct operation of the Task Force. In addition, each SRSP member has invested significantly in their individual facility investigations and implementation of facility improvements that will result in reductions in PCB loading to the Spokane River.

II. General Activities

General activities that specifically address PCBs in the Spokane watershed that have been conducted by SRSP members include:

- Discharge water quality monitoring
- Surface water and groundwater monitoring
- Direct and external funding of SRRTTF operations
- Consumer product work and implementation of a PCB products sampling study
- TSCA reform and TSCA Coalition
- Assisting in conducting workshops
- Staffing ACE (the Administrative and Contracting entity of the Task Force)
- Education and Outreach amongst constituent groups
- Supporting (and at times leading) media strategies
- Preparation of toxics management plans for municipalities
- Assistance in coordinating the preparation of the SAP/QAPP for the synoptic sampling event with LimnoTech (and proposing sample assessment methodology)
- Funding of and coordination with the SRRTTF technical consultant
- Participating in the preparation of the Chemical Action Plan being developed by Ecology
- Implementation of source trace studies
- Cleanup efforts directed toward PCBs in storm water and CSO retrofit
- Seeking additional funding opportunities
- Adopted an ordinance prohibiting City of Spokane department purchase of PCB-laden products

III. Specific Actions Resulting in Measurable Progress

In addition to the general activities listed above, each SRSP member has been responsible for investments in specific treatment plant improvements and/or source removal that will reduce the overall loading of PCBs in the watershed. Table 1 summarizes the quantity of PCB removed to date through implementation of treatment plant upgrades and source removal activities. As SRSP members continue to implement treatment system upgrades, install advanced treatment systems and reduce PCBs in stormwater, additional removal of PCBs is expected to occur.

Table 1
Summary of Washington SRSP Member Improvements^(a)

| SRSP Member | Total Estimated Treatment System PCB Removal (grams) | Internal or Collection System PCB Removal (grams) |
|---------------------------------------|--|---|
| City of Spokane | 2180 ^e | 132 ^e |
| Spokane County | 398 ^f | |
| Kaiser | 735 ^c | 6,532 ^d |
| Liberty Lake Sewer and Water District | 36 ^b | |
| IEP | 2086 ^g | |

(a) Current best estimate based on best available data collected under multiple QAPPs and SAPs.

(b) Since 2006 treatment plant upgrade

(c) Since Walnut Shell Filtration System installed on process water discharge in April 2003.

(d) Internal conveyance system cleanout actions conducted under Ecology approved work plans.

(e) 2010 through 2013

(f) December 2011 through August 2014

(g) Since the installation of IEP's integrated recycling system in 1991