# SRRTTF Measurable Progress Assessment

## Assessment Period: 1/1/2012 – 12/31/2014

## Inputs

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| **Item** | **Response** | **Reference** |
| Was the SRRTTF Created? | **January 23, 2012:** The [Spokane River Regional Toxics Task Force (SRRTTF)](http://srrttf.org/wp-content/uploads/2012/07/SRRTTF-MOA-Final-1-23-2012.pdf) is established. The SRRTTF fosters the collaboration of a diverse set of organizational groups (dischargers, regulators, sovereigns, citizens) to discuss issues in a congenial way, reinforcing the importance of getting everyone to the table. **November 26, 2014:** Ecology [consults with local Tribes](http://srrttf.org/?p=3654) and invites participation on the Task Force and as signatories to the MOA.  | Organizational documentshttp://srrttf.org/?page\_id=961 |
| Was the SRRTTF Functional?* Participation
 | **Number of Meetings in 2012:**[Task Force Meetings](http://srrttf.org/?cat=69): 10[Administrative Work Group Meetings](http://srrttf.org/?cat=10): 7[Technical Track Work Group Meetings](http://srrttf.org/?cat=9): 17 | Organizational documentshttp://srrttf.org/?page\_id=961 |
| * Cooperative and collaborative?
 | Number of collaborative decisions2012: 142013: 472014: 47Number of collaborative actions2012: 732013: 1672014: 137 | Review of Meeting Notes:http://srrttf.org/?page\_id=961 |

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| **Item** | **Response** | **Reference** |
| * Provide Ecology with the details of the organizational structure, specific goals, funding and governing documents of the Task Force in accordance with the MOA?
 | SRRTTF * Organizational structure, and governance structure
* The goal of the Task Force will be to develop a comprehensive plan to bring the Spokane River into compliance with applicable water quality standards for PCBs
* Funding beyond the first year administrative costs will be provided by a combination of private and public sources including

**August 22, 2012:** SRRTTF approves the Articles of Incorporation and draft By-Laws for an administrative [Business Entity](http://srrttf.org/?p=686). but not limited to Task Force members, nonmembers, grants, agency contributions, sovereign contributions, and other outside sources.ACE * By-Laws
* ACE funding
* ACE governing documents

**July 23, 2014:** Ecology issues it [final Definition of Measurable Progress](http://srrttf.org/wp-content/uploads/2014/07/Measurable-Progress-Definition-07152014-Final-Revised-Header.pdf). | MOA <http://srrttf.org/wp-content/uploads/2012/07/SRRTTF-MOA-Final-1-23-2012.pdf>ACE Organizational Documents<http://srrttf.org/?page_id=1999>* Funding incomplete Information
* Minutes Incomplete information
 |
| Work towards achieving the specific goals for the Task Force during 2011-2016 permit cycle? | Review MOA | MOA, “Specific Task Force Goals Relating to NPDES Permit Compliance”, http://srrttf.org/wp-content/uploads/2012/07/SRRTTF-MOA-Final-1-23-2012.pdf |
| Did the Task Force establish and maintain a clearinghouse for data, reports, minutes, and otherinformation gathered, collected, or developed by the Task Force? | Yes for reports, minutes, other information.Data: data workgroup evaluating options. | srrttf.org |

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| **Item** | **Response** | **Reference** |
| Was there participation in public education and engagement to advance the understanding of SpokaneRiver toxics issues? | **June 5-6, 2012:** The SRRTTF convenes the [Spokane River Toxics Workshop](http://srrttf.org/?page_id=533). Local and national experts present on the “state of the knowledge” with respect to PCB in the environment. An outcome of the workshop is the development of [Work Plan objectives](http://srrttf.org/wp-content/uploads/2012/08/ABOR461-SRRTTF-Work-Plan-Objectives-Concept-R3-08-08-12-WG-CLEAN-rev-201208081606591.pdf) based on the suggestions of the experts.**August 11, 2012:** Ecology updates the [Spokane River Toxics Reduction Strategy](https://fortress.wa.gov/ecy/publications/SummaryPages/1110038.html).**August 28, 2012:** The Environmental Council of States approves and submits a resolution to EPA with the intent of improving regulation of PCB under the [Toxic Substances Control Act.](http://srrttf.org/?page_id=802) Ecology Director Ted Sturdevant, Tala Henry from the EPA, Doug Krapas from Inland Empire Paper, Rick Eichstaedt from Spokane Riverkeeper and Lisa Rodenburg from Rutgers University provide informational material.**September 2012:** Ecology publishes the [Urban Waters progress report](https://fortress.wa.gov/ecy/publications/SummaryPages/1204025.html) with a focus on identifying and removing sources of toxics in stormwater.**January 30, 2013:** The Public Information Officers from the Task Force member organizations review a public education and engagement outreach strategy and provide [recommendations](http://srrttf.org/wp-content/uploads/2013/02/SRRTTF-Meeting-Summary-1-30-13.pdf) to the Task Force. **May 22, 2103:** Task Force approves [presentation and outreach materials](http://srrttf.org/?page_id=1406) to be used as a basis for public education and engagement by Task Force members. **September 2013:** Ruckleshaus Center arranged for introductory meetings with [Center for Environmental Research, Education & Outreach,](http://srrttf.org/wp-content/uploads/2013/09/SRRTTF-Meeting-Summary-9-25-13-FINAL.pdf) an Washington/Idaho university research consortium to identify mutual areas of interest for future research. **December 4, 2013:** The Task Force participates in the [WSU Student Challenge, “Saving the Spokane.”](http://srrttf.org/wp-content/uploads/2013/10/Undergraduate-Multidisciplinary-Research-Challenge-UMRC-Info-Brief.pdf)**February 26, 2014:** The Task Force submits a [letter of support](http://srrttf.org/wp-content/uploads/2014/02/SRRTTF-Hornbuckle-Letter-Approved-by-SRRTTF-3.pdf) for research done by Keri Hornbuckle at the University of Iowa to identify PCBs in products.  |  |

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| **Item** | **Response** | **Reference** |
|  | **2012:** Task Force members participate in media events, supporting its public education goal.* Rick Eichstaedt, Bruce Rawls on the [Down-to-Earth](http://www.kyrs.org/showprofile.cfm?id=1257998618783) radio show
* Bart Mihailovich is a [featured blogger](http://www.huffingtonpost.com/bart-mihailovich/) on the Huffington Post
* Lynn Schmidt and Raylene Gennett presents the [City of Spokane’s PCB reduction](http://www.spokanewastewater.org/Docs/Stormwater/PCB_Annual_Report_2012.pdf) efforts at StormCon, a national stormwater conference.
* Adriane Borgias agrees to chair a session on removing PCBs from inks, dyes, and pigments at the American Chemical Society’s [17th Annual Green Chemistry and Engineering Conference](http://gcande.org/), scheduled for June 2013.

**September 19, 2013** Task Force presents at the [National Tribal Toxics Council meeting](http://srrttf.org/wp-content/uploads/2013/09/Spokane-Task-Force-Invitation_9_17v2.pdf). **October 2103:** Adriane Borgias presents at NCASI and participates in an NCASI podcast. **July 29, 2013:** Task Force participates in legislative briefing at the Water Resources Center. **December, 2013:** Task Force group interview with Becky Kramer, Spokesman Review. **March 2014:** Task Force members presented at the Gonzaga University Student seminar. **October 2014:** Task Force members present at the Pacific Northwest International Section of AWMA meeting. **November 2014:** Task Force members present at the Spokane River Forum and the Washington Municipal Stormwater Conference. **December 2014:** Task Force participates in a [Pullman High School documentary project](http://srrttf.org/wp-content/uploads/2012/10/SRRTF-Task-Force-Meeting-Summary-Notes-12.17.14_-Draft-for-Task-Force-Review.pdf).  |  |

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| **Item** | **Response** | **Reference** |
| Did the Task Force identify and establish funding mechanisms? | **February 21, 2012:** The Spokane Tribe of Indians sends a [letter to the Department of Ecology](http://srrttf.org/wp-content/uploads/2012/02/Bj-SpokaneRiver.pdf) supporting actions in the region that have the potential to improve water quality in the Spokane River and the [mission of the SRRTTF](http://srrttf.org/?page_id=607). An initial funding commitment is provided for the first year of SRRTTF administration.**November 28, 2012:** The SRRTTF prepares [draft Funding Concepts](http://srrttf.org/wp-content/uploads/2012/11/Funding-concepts-Rev-112812-.pdf) intended to help the Task Force coordinate and support consistent and predictable funding needed to accomplish the actions that will result in toxics reductions for the Spokane River. A representative from Senator Cantwell’s office attends the SRRTTF meeting and offers support to the Funding Work Group.**June 26, 2013:** Task Force approves the final [Funding Concepts](http://srrttf.org/wp-content/uploads/2013/07/Funding-concepts-Rev-061213-FINAL.pdf) document.**February 27, 2013:** Task Force prepares a [Funding Fact Sheet](http://srrttf.org/wp-content/uploads/2013/02/SRRTTF-Funding-Fact-Sheet-02-27-13-Approved.pdf) used to explain funding needs. Department of Ecology overviews the [State of Washington water quality grant](http://srrttf.org/wp-content/uploads/2013/03/SRTTFF-Funding-Opportunities-Presentation-by-Cynthia-Wall-Dept.-of-Ecology-2-27-13.pdf) programs. **May 1, 2013:** Task Force [requests funding support](http://srrttf.org/wp-content/uploads/2013/04/SRRTTF-Funding-Support-Letter-TF-APPROVED-5-1-13.pdf) from Washington State.**September 27, 2013:** Task Force endorses a Washington [GROSS grant application](http://srrttf.org/wp-content/uploads/2013/09/GROSSApp_CitySpokane-DRAFT-2013.pdf) from the City of Spokane to evaluate PCB in products with potential for PCB exposure to stormwater. [November 20, 2013:](http://srrttf.org/?p=2239) Task Force submits [requests for EAP funded](http://srrttf.org/wp-content/uploads/2013/12/SRRTTF-Meeting-Summary-11-20-13-FINAL.pdf) projects in 2014. [December 18, 2013](http://srrttf.org/wp-content/uploads/2013/12/Water-Quality-Improvement-Project-Proposals-FY2015-2.pdf)**December 17, 2014:** Task Force submits [requests for EAP funded](http://srrttf.org/wp-content/uploads/2012/10/SRRTF-Task-Force-Meeting-Summary-Notes-12.17.14_-Draft-for-Task-Force-Review.pdf) projects in 2015:**September 24, 2014:** Task Force approves a [letter of support](http://srrttf.org/wp-content/uploads/2014/09/Columbia-River-letter-092914-Final.pdf) for the Columbia River Restoration Act. |  |
|  | * Initial Task Force funding confirmed by 11/30/2012

Ecology managed contract first year of facilitator contracts with contributions from Ecology, Spokane Tribe, City of Spokane Wastewater, City of Spokane Stormwater, Kaiser Aluminum, Spokane County, City of Post Falls, Inland Empire Paper Company, Hayden Area Regional Sewer Board, Liberty Lake Sewer and Water District | Letters of Agreement between Ecology and, Spokane Tribe, City of Spokane Wastewater, City of Spokane Stormwater, Kaiser Aluminum, Spokane County, City of Post Falls, Inland Empire Paper Company, Hayden Area Regional Sewer Board, Liberty Lake Sewer and Water District |

## Outputs

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| **Item** | **Response** | **Reference** |
| Did the Task Force engage in activities that better characterize the amounts, sources, and locations of PCBs and other toxics in the Spokane River? | **February 28, 2012:** The SRRTTF Technical Track Work Group develops a [Conceptual Model](http://srrttf.org/wp-content/uploads/2012/02/Conceptual-Models.xls) to help identify possible source and sinks of PCBs to the Spokane River watershed. The Conceptual Model is intended to be used as a planning tool to select areas of future investigation and data gap analysis.**October 24, 2012:** The SRRTTF adopts the [First Draft Work Plan](http://srrttf.org/wp-content/uploads/2012/10/SRRTTF-Work-Plan-First-Draft-Adopted-10-24-12-CLEAN.pdf).**April 24, 2013:** The Task Force approves the LimnoTech [Preliminary Scope of Work, Phases 2-4.](http://srrttf.org/wp-content/uploads/2013/03/SRRTTF-Limno-Tech-Phase-2-4-WorkPlan-04-03-13-DRAFT.pdf) **August 28, 2013:** Ecology [created a form to be used as a tool](http://srrttf.org/wp-content/uploads/2013/08/Spokane-River-Basin-Toxics-Sampling-and-Research-Interest-Inquiry_Final_9-9-2013-2.docm) for identifying interest by local Universities to participate in upcoming sampling needs.**September 25, 2013:** Task Force approves LimnoTech’s [Task 1: Priority Work Plan](http://srrttf.org/?page_id=1632).**December 17, 2014:** City of Spokane [presents preliminary results of its products sampling study](http://srrttf.org/wp-content/uploads/2014/12/SRF14_PCB-Product-Sampling.pdf), done using funding under Ecology’s GROSS grant program. PCBs identified in almost every product. The two most significant findings were PCBs in hydroseed and road deicer salt.  | Limnotech<http://srrttf.org/?page_id=1632> |
| * Incorporate findings from technical studies to advance understanding of toxics in the river?
 | **April 24, 2013:** The Task Force approves the [LimnoTech Task 2:](http://srrttf.org/?page_id=1632) [Data Request Memo](http://srrttf.org/wp-content/uploads/2013/04/SRRTTF_Data_Request_Memo_2013_04_17.pdf), intended to identify existing information and data relevant to the Spokane River. **June 26, 2013:** Task Force Approves [LimnoTech Task 3: review of Standard Operating Procedures](http://srrttf.org/wp-content/uploads/2013/06/Spokane_QAPP_review_062813.pdf).  |  |

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| **Item** | **Response** | **Reference** |
| * Increase region-wide understanding of toxics in the Spokane River?
 | **June 5-6, 2012:** The SRRTTF convenes the [Spokane River Toxics Workshop](http://srrttf.org/?page_id=533). Local and national experts present on the “state of the knowledge” with respect to PCB in the environment. An outcome of the workshop is the development of [Work Plan objectives](http://srrttf.org/wp-content/uploads/2012/08/ABOR461-SRRTTF-Work-Plan-Objectives-Concept-R3-08-08-12-WG-CLEAN-rev-201208081606591.pdf) based on the suggestions of the experts.**2012:** Ecology and Spokane Riverkeeper participate in the [Columbia River Toxics Reduction Working Group](http://www.epa.gov/columbiariver/trwg.html) which encourages collaboration and knowledge transfer regarding the toxics reduction in the Columbia River Watershed.**August 28, 2013:** EPA presents the [Columbia River Toxics Reduction Strategy to the Task Force.](http://srrttf.org/wp-content/uploads/2013/08/August-2013-Spokane-Toxics-Task-Force-Presentation.pdf)  |  |
| * Identify data gaps?
 | **August 30, 2013:** LimoTech issues final [Data Review Memo](http://srrttf.org/?page_id=1632).**November 14, 2013:** LimnoTech issues [Final Data Gaps Evaluation Memo](http://srrttf.org/?page_id=1632). |  |
| * Collect necessary data on PCBs and other toxics?
 | **April 23, 2014:** [Task Force selects a PCB Analysis laboratory](http://srrttf.org/wp-content/uploads/2014/05/SRRTTF-Meeting-Summary-4-23-14-FINAL.pdf) for sampling events. **May 13, 2014:** Ecology collects confidence testing samples to establish measurement capabilities for low concentrations of PCBs in water. [Preliminary results](http://srrttf.org/wp-content/uploads/2014/06/Confidence-Testing-Results-Presentation-6-18-14.pdf) were presented by LimnoTech on **June 18, 2014**. LimnoTech provided [updated results](http://srrttf.org/wp-content/uploads/2014/07/SRRTTF_Confidence_Testing_Results_2014_Jul16-2.pdf) **July 23, 2014**.**May 28, 2014:** Task Force selects a laboratory for [conventional parameters analysis](http://srrttf.org/wp-content/uploads/2014/05/SRRTTF-Meeting-Summary-5-28-14-FINAL-b.pdf).**June 18, 2014:** Task Force [selects a sampling contractor](http://srrttf.org/wp-content/uploads/2014/06/SRRTTF-Meeting-Summary-6-18-14-final.pdf) for the 2014 sampling activities. **August 12-25, 2014:** The Task Force conducts a [Synoptic Sampling event](http://srrttf.org/?p=3497) during low flow conditions to evaluate the groundwater contribution of PCB to the river, which was an identified data gap. **November 17, 2014:** Sampling consultant issues [field sampling report](http://srrttf.org/wp-content/uploads/2014/11/Gravity-Sampling-Field-Report.pdf) and LimnoTech provides an [interim analysis of the Synoptic Sampling results.](http://srrttf.org/wp-content/uploads/2014/11/SRRTTF_Dilks_11_17_2014b.pdf)  |  |
| **Item** | **Response** | **Reference** |
| * Engage in technical studies?
 | April 23, 2014: Ecology reports to Task Force on the results of its [high volume sampling methods evaluation](http://srrttf.org/wp-content/uploads/2014/04/SRRTTF-4-23-14-2014.pdf) and the results of the [2012 fish tissue sampling efforts](http://srrttf.org/wp-content/uploads/2014/04/FFCMP-2012-SRRTTF-mtg-042314.pdf).  |  |
| Did the Task Force further analyze the existing and newly collected data, including: |  |  |
| * Results of past and recent studies and implementation actions including those conducted by individual dischargers within their operations and/or service areas?
 | **2012:** Ecology’s [Spokane River Urban Waters team](http://www.ecy.wa.gov/urbanwaters/spokaneriver.html), the [City of Spokane Wastewater Management Department](http://www.spokanewastewater.org/Stormwater.aspx), and [Spokane Riverkeer](http://www.cforjustice.org/river/) continue work on PCB source investigations in the City’s stormwater and Combined Sewer Overflow system.**October 22, 2014:** Kaiser Aluminum provides the Task Force with [data about the clean up activities at the site](http://srrttf.org/wp-content/uploads/2014/10/PCB-related-cleanup-at-Trentwood_Kaiser-Presentation.pdf). |  |
| * Review of data, studies, and control measures?
 | **August 28, 2013:** Task Force approves completion of [LimnoTech Workplan Task 4: Collection of Existing Data and Task 5: Data Review and Evaluation.](http://srrttf.org/?page_id=1632) |  |
| Did the Task Force work towards identifying and implementing appropriate actions needed to make measurable progress towards meeting applicable water quality criteria for PCBs? |  |  |

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| **Item** | **Response** | **Reference** |
| * Review of proposed Toxic Management Plans, Source Management Plans, and Best Management Practices
 | **2012:** Quality Assurance Project Plans (QAPPs) for [Spokane County](http://www.spokanecounty.org/utilities/waterreclamation/content.aspx?c=2355) and the [City of Spokane](http://www.spokanewastewater.org/treatplant.aspx) wastewater treatment plants are completed and approved by Ecology. The QAPPs use the most currently available scientific information regarding monitoring, sampling, and analysis for PCB.**April 24, 2013:** Ecology provided its [Toxics Management Plans](http://srrttf.org/wp-content/uploads/2013/04/Ecology-Toxics-Mgmt-Plan-Review.pptx) review principles.**April 24, 2013:** Spokane County provided [year one of its Toxics Management Plan](http://srrttf.org/wp-content/uploads/2013/04/County-TMP-Presentation-042313.pptx) for Task force review. Spokane County provided its [2014 annual review](http://srrttf.org/wp-content/uploads/2014/09/Spokane-County-Toxics-Manag.-Summary-Annual-Report-April-2014_Presentation.pdf) to the Task Force on September 24, 2014. **June 26, 2013:** The City of Spokane presents for Task Force review its 2013 Annual report of “[An Adaptive Management Plan for PCBs in Stormwater and Sediments](http://srrttf.org/wp-content/uploads/2013/06/SRRTTF-2013-Annual-Report-Presentation.pdf).” The City of Spokane [presented](http://srrttf.org/wp-content/uploads/2014/07/SRRTTF-2014-Annual-Report-Presentation.pdf) to the Task Force its [2014 annual update](http://srrttf.org/wp-content/uploads/2014/07/PCB-Annual-Report-_2014.pdf) on **July 23, 2014**.**June 26, 2013:** The City of Spokane presents for Task Force review its [Integrated Clean Water Plan](http://srrttf.org/wp-content/uploads/2013/06/City-of-Spokane-Integrated-Planning.pdf) and provided an [update to the Integrated Clean Water Plan](http://srrttf.org/wp-content/uploads/2014/04/City-of-Spokane-Integrated-Plan-PPT-4-22-14.pdf) on **April 23, 2014****May 28, 2014:** Task Force approves a [letter of support](http://srrttf.org/wp-content/uploads/2014/06/SRRTTF-Support-Letter-CoS-Integrated-CW-Plan-Updated-5-28-14-FINAL.pdf) for the City of Spokane Integrated Clean Water Plan. The Task Force approves a [revised letter of support](http://srrttf.org/wp-content/uploads/2014/07/SRRTTF-Letter-Governor-pship-COS-7-24-14.pdf) on **July 23, 2014.**  |  |
| * Develop recommendations and Best Management Practices for specific actions that will reduce toxics.
 | **September 24, 2014:** Ecology reviews with the Task Force the [Draft PCB Chemical Action Plan](http://srrttf.org/wp-content/uploads/2014/09/Public-MeetingsPCBs.pdf). Members of the Task Force participated in the development of the plan, which contains recommendations and prioritizes specific actions that will reduce PCBs.  |  |
| * Develop a comprehensive Spokane River Toxics reduction plan.
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| * Make improvements to treatment facilities.
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| **Item** | **Response** | **Reference** |
| * Pursue regulatory reform to eliminate new PCBs from entering the environment.
 | **August 28, 2012:** The Environmental Council of States approves and submits a resolution to EPA with the intent of improving regulation of PCB under the [Toxic Substances Control Act.](http://srrttf.org/?page_id=802) Ecology Director Ted Sturdevant, Tala Henry from the EPA, Doug Krapas from Inland Empire Paper, Rick Eichstaedt from Spokane Riverkeeper and Lisa Rodenburg from Rutgers University provide informational material.**April 4, 2013:** Department of Ecology and the Task Force supported the participation of Dr. Christy, an international [pigments expert](http://srrttf.org/wp-content/uploads/2013/03/SRRTTF-Meeting-Summary-4-3-13.pdf) at the ACS Green Chemistry conference.**April 24, 2013:** Ecology presented information to the Task Force about the [Persistent Bioaccumulative Toxics Strategy](http://srrttf.org/wp-content/uploads/2013/04/Ecology-PBT-Initiative-and-PCBs-0423131.pptx) and the PCB Chemical Action Plan.**June 18-20, 2013:** Ecology and IEP participate in the ACS Green Chemistry Conference, and also meet with EPA [to discuss eliminating the production of new PCB through revisions to the TSCA regulations.](http://srrttf.org/wp-content/uploads/2013/05/SRRTTF-PCB-ANPR-Meeting-Proposal-5-15-13.pdf) **July 24, 2013:** Task Force approves self-nomination of [Rick Eichstaedt, Center for Justice](http://srrttf.org/wp-content/uploads/2013/08/Letter-of-support-Eichstaedt.pdf) and [Doug Krapas, Inland Empire Paper,](http://srrttf.org/wp-content/uploads/2013/08/Letter-of-support-Krapas.pdf) on the EPA Small Business Advocacy Review for the TSCA PCB Use Authorizations Update Rule.**August 28, 2013:** Task Force [approves a letter to EPA](http://srrttf.org/wp-content/uploads/2013/08/Spokane-River-Basin-Toxics-Sampling-and-Research-Interest-Inquiry_Final_9-9-2013-2.docm) requesting 1) regulation of inadvertently produced PCBs, and 2) enforcement of TSCA regarding inadvertently produced PCBs. [Revised letter](http://srrttf.org/wp-content/uploads/2013/09/EPA-TSCA-Compliance-Merged-comments-ALL-CHANGES-ACCEPTED.pdf) posted September 25, 2013 and approved [November 22, 2013](http://srrttf.org/wp-content/uploads/2013/10/SRRTTF-Meeting-Summary-10-23-13-FINAL.pdf).**2014:** State legislature and City of Spokane passed rules prohibiting the purchase of PCB-containing products.  |  |
| Did the Task Force provide technical education information to the public? |  |  |
| * Websites
 | srrttf.org |  |
| * Workshops
 | **June 5-6, 2012:** The SRRTTF convenes the [Spokane River Toxics Workshop](http://srrttf.org/?page_id=533). Local and national experts present on the “state of the knowledge” with respect to PCB in the environment. An outcome of the workshop is the development of [Work Plan objectives](http://srrttf.org/wp-content/uploads/2012/08/ABOR461-SRRTTF-Work-Plan-Objectives-Concept-R3-08-08-12-WG-CLEAN-rev-201208081606591.pdf) based on the suggestions of the experts.**October 22, 2014:** [Task Force plans](http://srrttf.org/?page_id=3353) for a third workshop, in January 2015 to plan the next steps in reducing data gaps. Task Force [finalizes the agenda](http://srrttf.org/?p=3767) on December 17, 2014.  |  |
| * Outreach activities
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## Outcomes

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| **Item** | **Response** | **Reference** |
| Was there monitoring and assessment of the effectiveness of toxic reduction measures? | **June 19, 2012:** Ecology drafts the “[Recommendations for the Design of a Long‐term Toxics Monitoring Program in the Mainstem of the Spokane River](http://srrttf.org/wp-content/uploads/2012/07/Spokane-River-Longterm-Toxics-Monitoring-Plan-6-19-12-Final-Draft.docx)” which is intended to be a living document that aligns with the SRRTTF’s work plan.**August 11, 2012:** Ecology updates the [Spokane River Toxics Reduction Strategy](https://fortress.wa.gov/ecy/publications/SummaryPages/1110038.html).**September 2012:** In cooperation with the Spokane Tribe of Indians, [Ecology initiates monitoring activities for toxics in fish and water](http://srrttf.org/wp-content/uploads/2012/09/Spokane-FY13-Toxics-sampling-Summary-for-SRRTTF-TWG-9-7-12.pdf) in the Spokane River. The Spokane Tribe of Indians commits funding and personnel in support of fish sampling and analysis.**September 2012:** Ecology publishes the [Urban Waters progress report](https://fortress.wa.gov/ecy/publications/SummaryPages/1204025.html) with a focus on identifying and removing sources of toxics in stormwater.**August 28, 2013:** Ecology presents preliminary results from the [2012-3 fish monitoring program](http://srrttf.org/wp-content/uploads/2013/08/SRRTTF-Update-8-28-13-2.pdf) |  |
| Were applicable water quality standards for PCBs achieved? |  |  |
| Is progress toward achieving water quality criteria for PCBs being made? | **September 24, 2014:** The SRSP prepares a [summary of PCB reduction activities](http://srrttf.org/wp-content/uploads/2014/09/Measurable-Progress-SRSP-PCB-reduction-activities-_short-form-9-9-2014-.pdf).  |  |
| Were applicable standards and interests of public and environmental health achieved? |  |  |

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| **Item** | **Response** | **Reference** |
| Is progress towards meeting the interests of public and environmental health being achieved? |  |  |
| Were actions implemented that |  |  |
| * Eliminated, removed, or isolated sources of PCB from the river or watershed?
 | **May 28, 2014:** Avista reports to Task Force on its [transformer replacement project](http://srrttf.org/wp-content/uploads/2014/05/Transformer-change-out-5-28-14.pdf), which removes sources of PCBs from the watershed.  |  |
| * Implemented actions recommended in the Spokane River toxics reduction plan?
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| * Implemented identified Best Management Practices?
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## Demonstration of Measurable Progress

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| **Item** | **Response** | **Reference** |
| Compliance with applicable water quality standards |  |  |
| Evidence that Task Force is  |  |  |
| * Functioning in a collaborative manner
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| * Continuing to engage in activities that will lead to reduction of PCBs in the river.
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| Development and implementation of Spokane River toxics reduction plan. |  |  |
| Actions that, relative to the river or watershed |  |  |
| * Eliminate PCB
 |  |  |
| * Remove PCB
 |  |  |
| * Isolate PCB
 |  |  |
| Environmental trends showing a decrease of PCB in |  |  |
| * River
 |  |  |
| * Sediments
 |  |  |
| * Biota
 |  |  |