Spokane River Regional Toxics Task Force

Members of the community, stewards of the river
Who We Are
The Issue

- The Spokane River fails to meet water quality standards for toxics, including PCBs
Our Vision

We will work collaboratively to characterize the sources of toxics in the Spokane River and identify and implement appropriate actions needed to make measurable progress towards meeting applicable water quality standards for the State of Washington, State of Idaho, and The Spokane Tribe of Indians.
What Are PCBs?

- Polychlorinated biphenyl
What Are PCBs?
How Do PCBs Enter the River?
Where are PCBs Found?
What Are PCB Limits?
What Are PCB Limits?

PCB Relationships in Parts per Million (ppm)
Magnitude Difference Relative to TSCA Allowance

<table>
<thead>
<tr>
<th>Reference</th>
<th>PCB Concentration (ppm)</th>
<th>Magnitude Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal TSCA Allowance</td>
<td>50</td>
<td>----</td>
</tr>
<tr>
<td>IEP's Effluent</td>
<td>0.00000024</td>
<td>20,833,333</td>
</tr>
<tr>
<td>WA Current HHWQC</td>
<td>0.000000017</td>
<td>294,117,647</td>
</tr>
<tr>
<td>EPA Current HHWQC</td>
<td>0.000000064</td>
<td>781,250,000</td>
</tr>
<tr>
<td>Spokane Tribe WQS</td>
<td>0.0000000034</td>
<td>14,836,795,252</td>
</tr>
</tbody>
</table>
Health & Environmental Impacts of PCBs
Addressing the Impacts of PCBs
Addressing the Impacts of PCBs

PCBs History from Sediment Record
Lower Lake Spokane

Total PCBs in Age Dated Sediment Core (2003)
- Steep declines from 1960s through mid-1980s
- Approximately 50% decline in 20 years (1980-2000)
How PCBs Enter the Spokane River

- Unknown Sources (57%)
- CSO/Stormwater (19%)
- Idaho Sources (13%)
- WA Treatment Plants (8%)
- Little Spokane River (3%)

MEMORANDUM OF AGREEMENT REGARDING
SPOKANE RIVER REGIONAL TOXICS TASK FORCE

THIS MEMORANDUM OF AGREEMENT is entered into and effective this first day of
March, 2012, by and between the below signed parties (signature pages attached to back of
document and signing parties are listed in the table at end of documents).

RECITALS

WHEREAS, the parties have reached an agreement in principal relative to the
organization and governance of the Spokane River Regional Toxics Task Force, as set forth in
the document entitled “Spokane River Regional Toxics Task Force Operational and
Organizational Concepts,” (“Operational and Organizational Concepts”) which is attached hereto
as “Attachment A” and hereby incorporated by reference; and

WHEREAS, the parties desire to enter into a Memorandum of Agreement to more
formally memorialize and bind the parties to the provisions of the Operational and
Organizational Concepts; and

NOW, THEREFORE, in consideration of the foregoing recitals, incorporated herein, and
the mutual promises and benefits exchanged by the parties herein, the parties do hereby agree as
follows:

1. Operational and Organizational Concepts. The parties agree that the governance, roles
and responsibilities, funding and other key aspects of the Spokane River Regional Toxics
Task Force described in the Operational and Organizational Concepts are acceptable and
will begin guiding implementation of the parties’ participation in a regional effort to
make measurable progress toward meeting applicable water quality criteria for PCBs.
Task Force Accomplishments (to-date)

- Formation of Task Force
- Technical evaluation in progress
- Drafting 5-year work plan
- Community education underway
Why should you care?
What Can I Do?

Exercise consumer choice
Funding Partnerships

• Rate payers
• Businesses
• Government
  – Federal
  – State
  – Local
Looking Ahead

Jan 2012: Task Force established

2013-2015: Technical analysis, source id, collaboration with cities and businesses

2016: Clean-up plan implementation
Questions?

Toxics Task Force

www.srrttf.org