



# Spokane River Regional Toxics Task Force

*Members of the community,  
stewards of the river*



# Who We Are



## The Issue

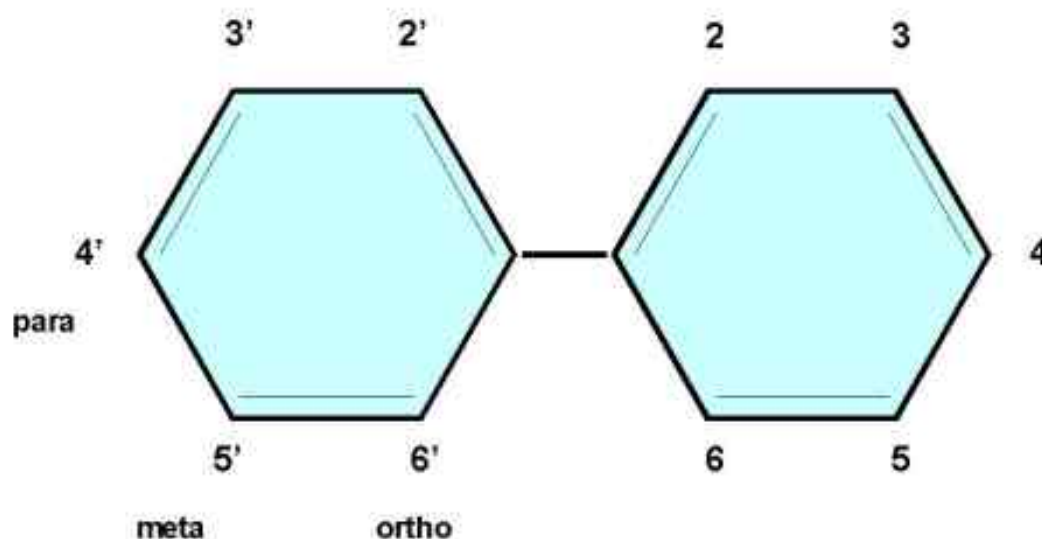
- The Spokane River fails to meet water quality standards for toxics, including PCBs

## 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



Structure of Polychlorinated Biphenyl (PCB) Molecule



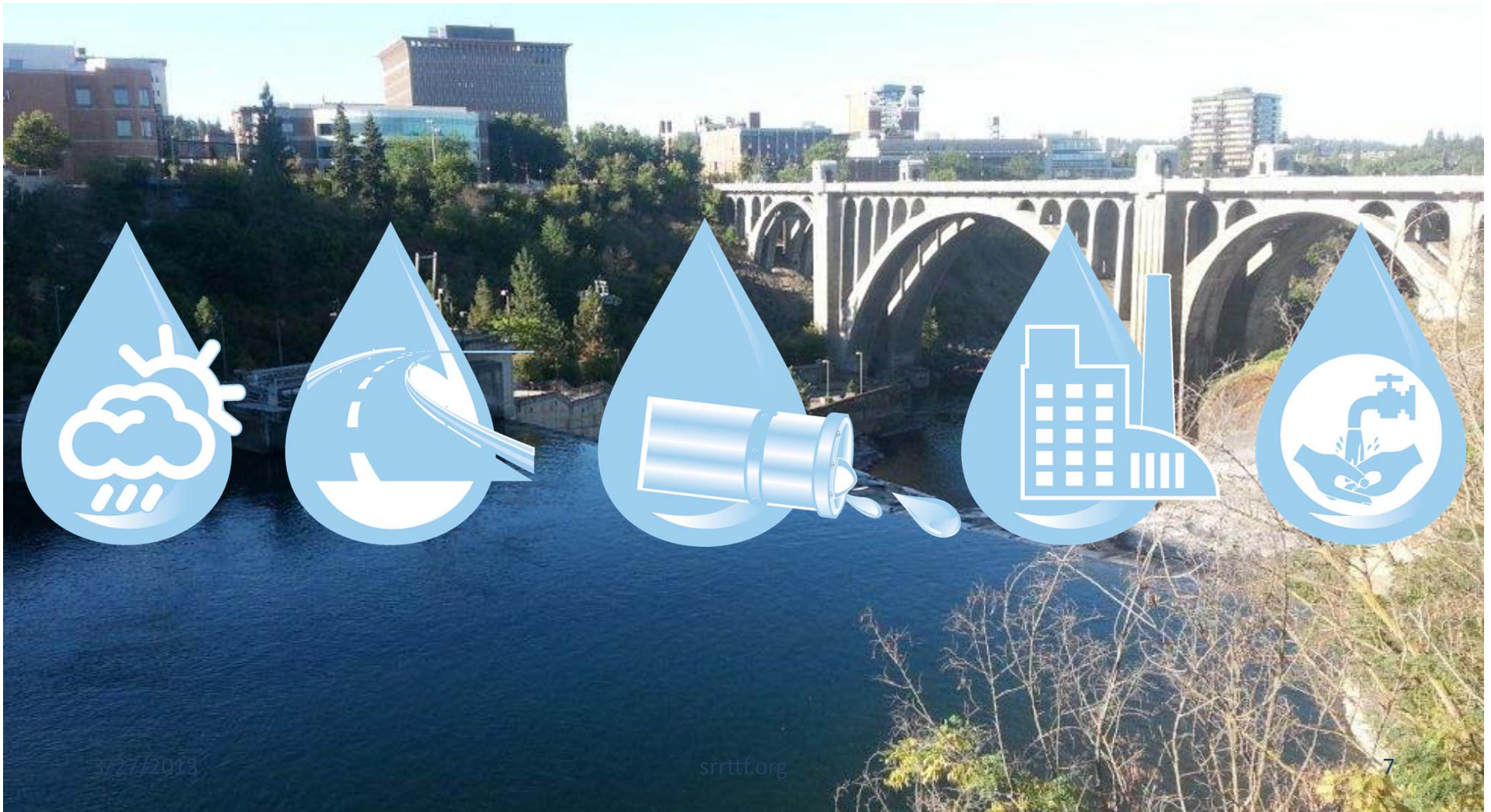
# What Are PCBs?







# How Do PCBs Enter the River?



## Where are PCBs Found?





## What Are PCB Limits?



## What Are PCB Limits?

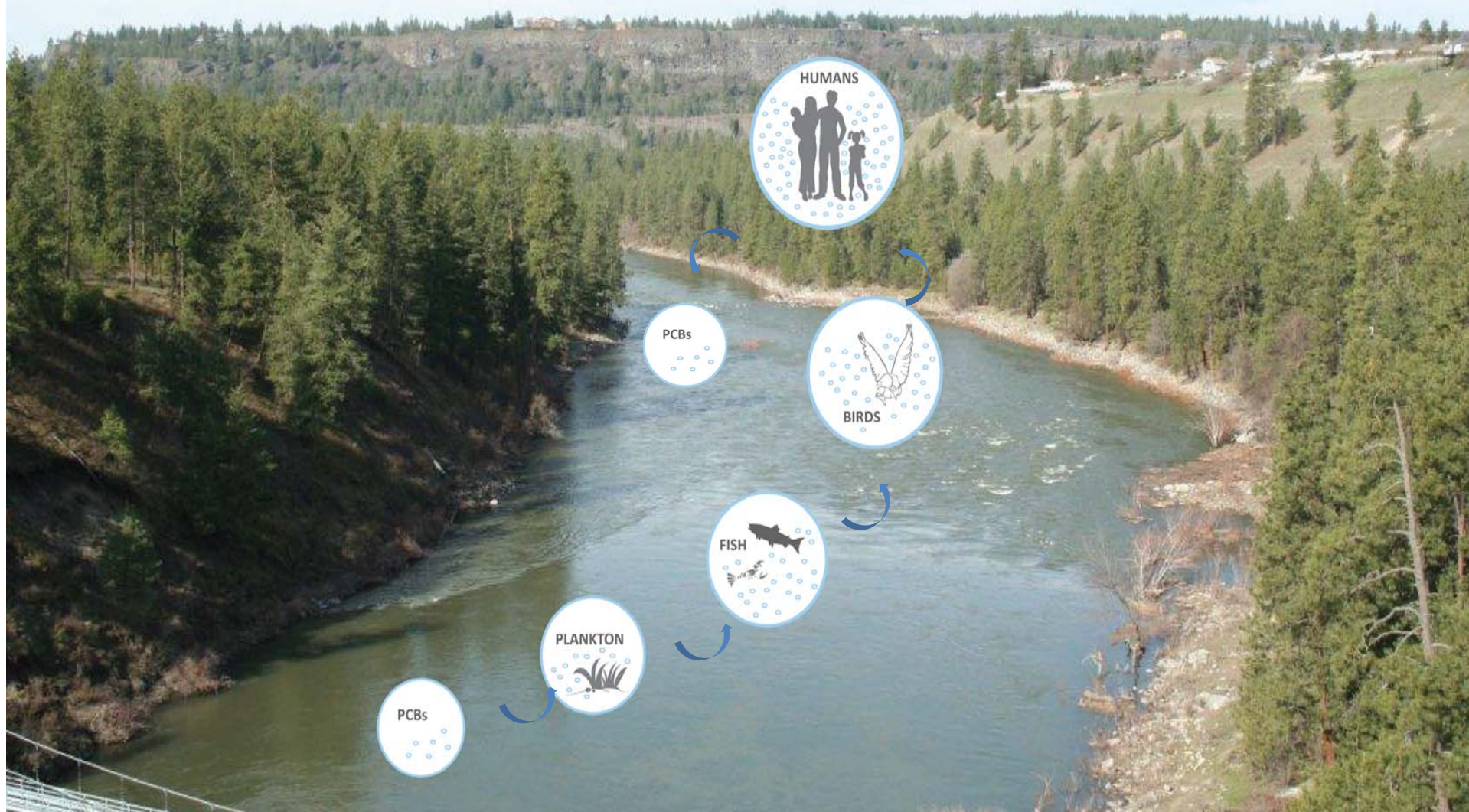
### **PCB Relationships in Parts per Million (ppm) Magnitude Difference Relative to TSCA Allowance**

<b>Reference</b>	<b>PCB Concentration (ppm)</b>	<b>Magnitude Difference</b>
Federal TSCA Allowance	50	----
IEP's Effluent	0.0000024	20,833,333
WA Current HHWQC	0.00000017	294,117,647
EPA Current HHWQC	0.000000064	781,250,000
Spokane Tribe WQS	0.0000000034	14,836,795,252



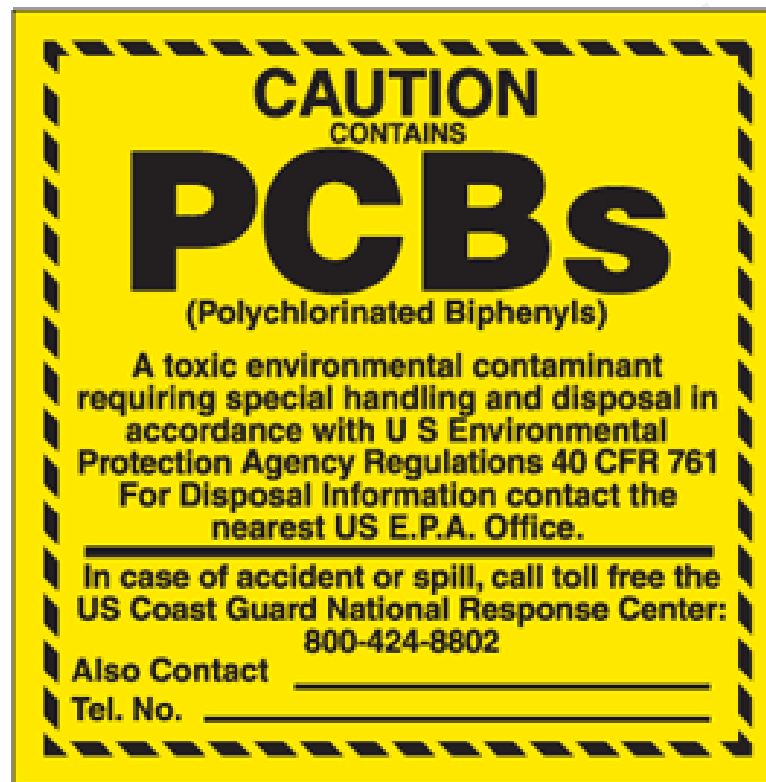


# Health & Environmental Impacts of PCBs





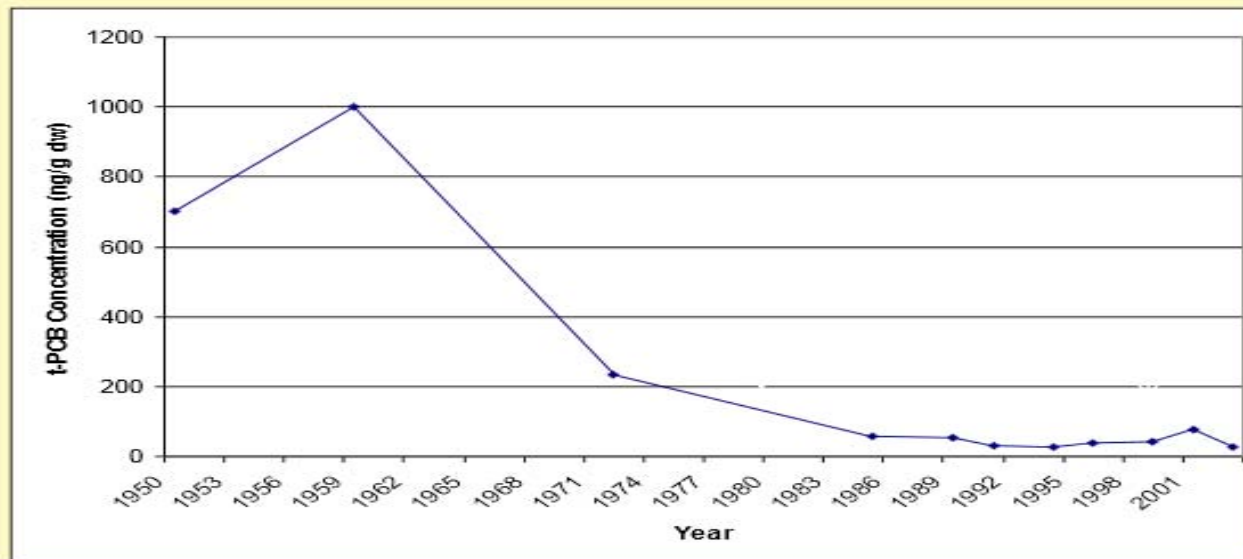
# Addressing the Impacts of PCBs





# Addressing the Impacts of PCBs

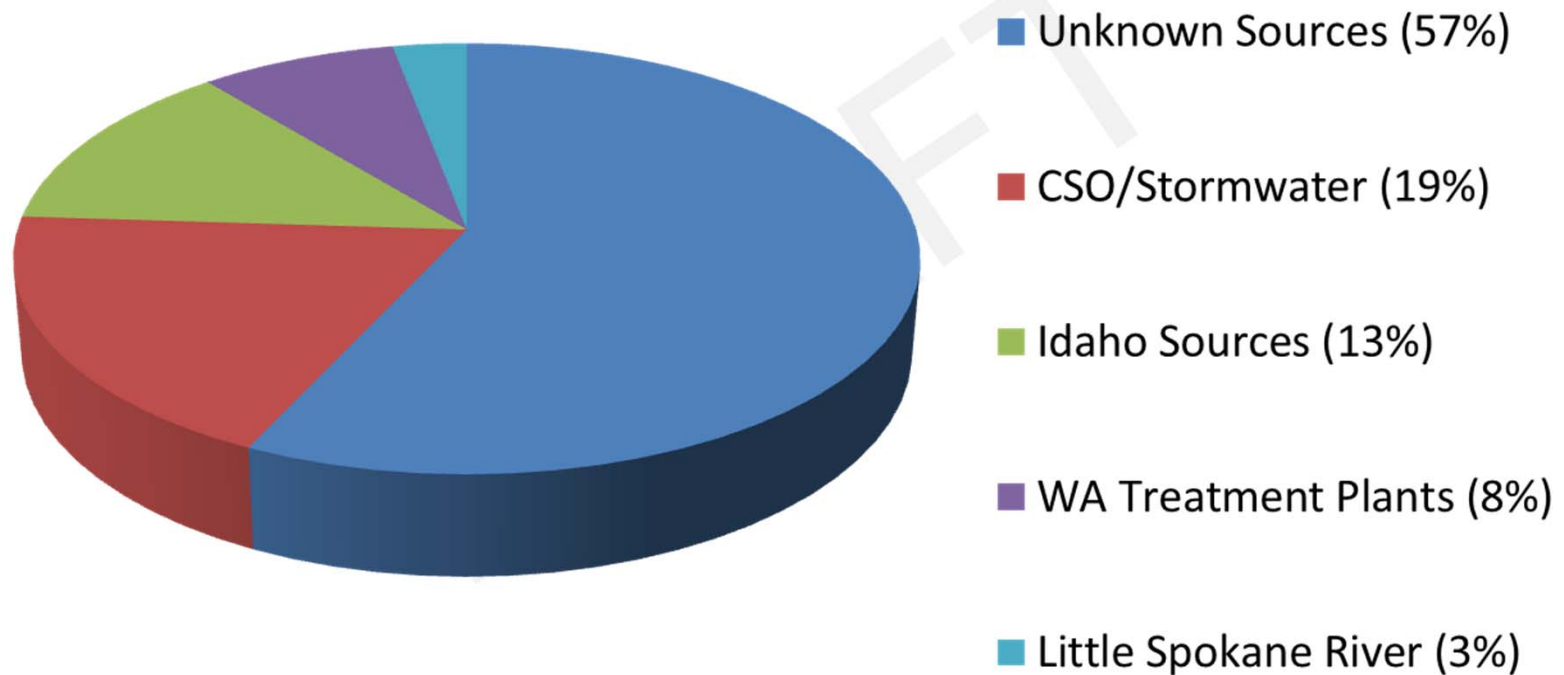
## PCBs History from Sediment Record Lower Lake Spokane



### 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



Reference: Ecology Spokane River PCB Source Assessment, 2003-2007 PRELIMINARY





# Task Force Approach

City of Spokane City Clerk File No. \_\_\_\_\_  
Spokane County File No. \_\_\_\_\_

## 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

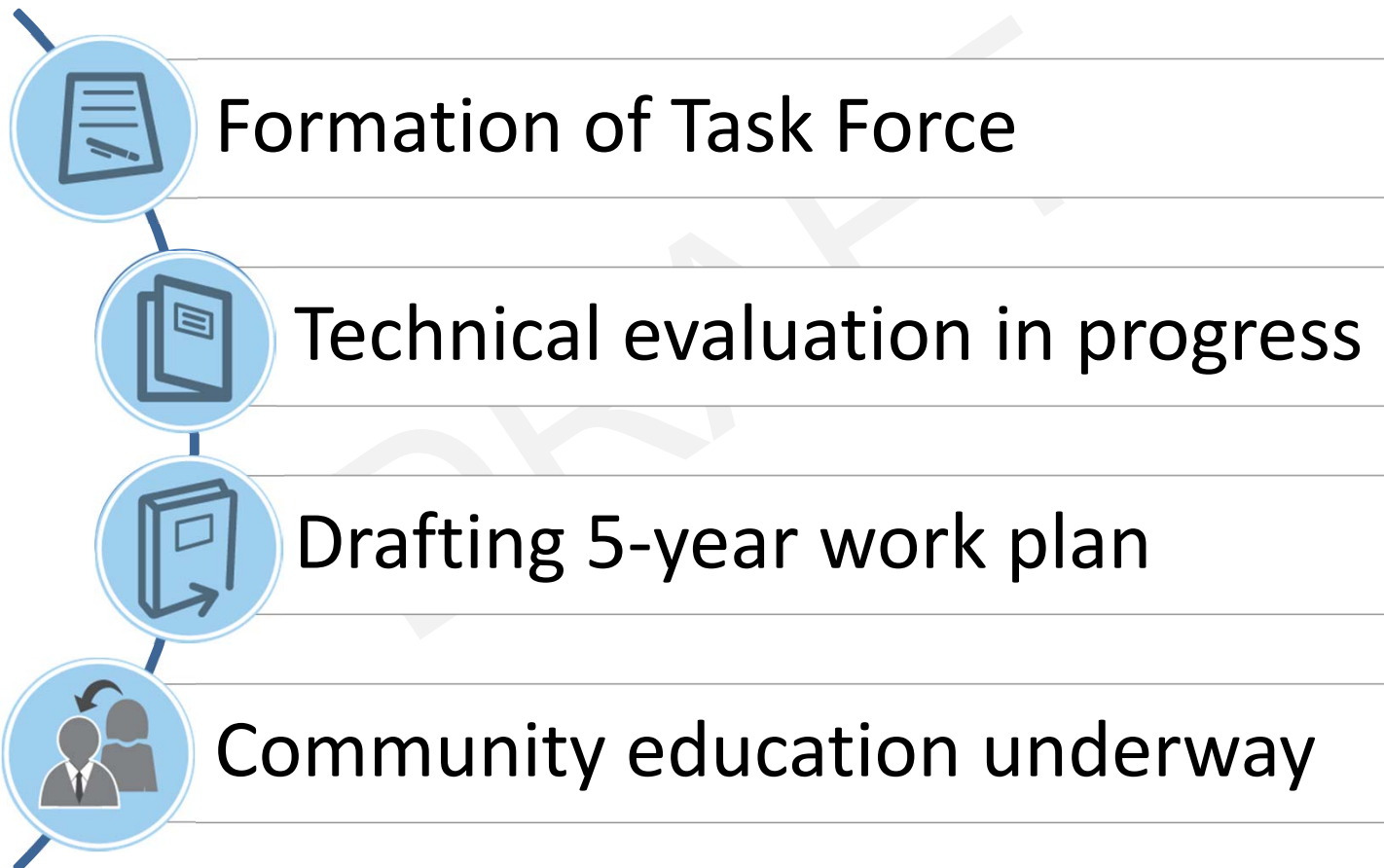
WHEREAS, the parties have reached an agreement in principal relative to the organization and governance of the Spokane River Regional Toxics Task Force, as set forth in the document entitled “Spokane River Regional Toxics Task Force Operational and Organizational Concepts,” (“Operational and Organizational 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.

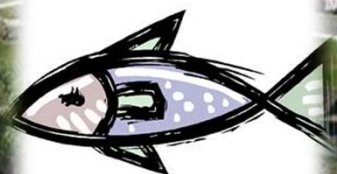
## Task Force Accomplishments (to-date)







# Why should you care?





# What Can I Do?

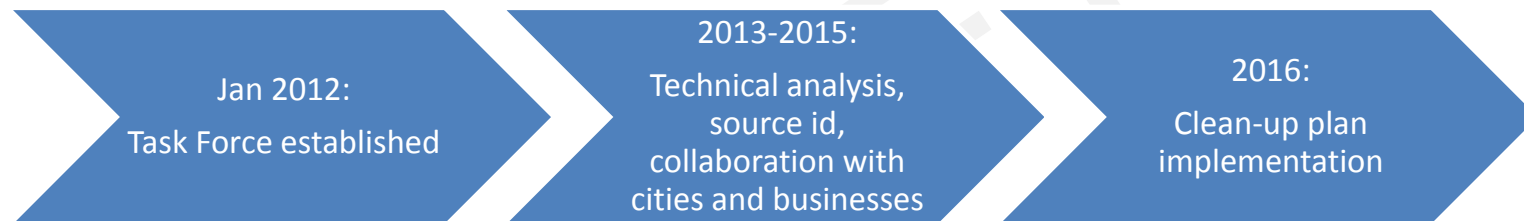
Exercise consumer choice



## Funding Partnerships

- Rate payers
- Businesses
- Government
  - Federal
  - State
  - Local

# Looking Ahead





# Questions?

Toxics Task Force  
[www.srrttf.org](http://www.srrttf.org)