

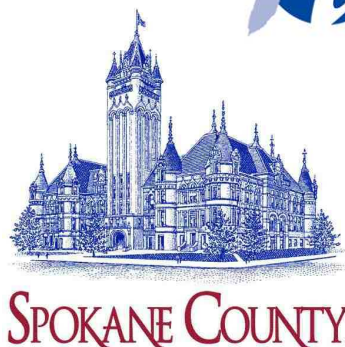


# Spokane River Regional Toxics Task Force

*Members of the community,  
stewards of the river*



# Who We Are







## History of Spokane River Protection





## The Current Issue

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

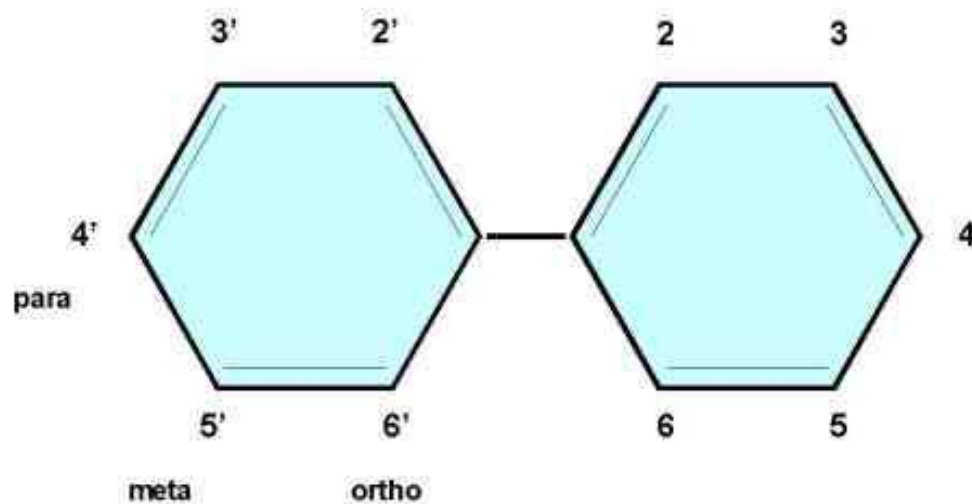


## Our Vision

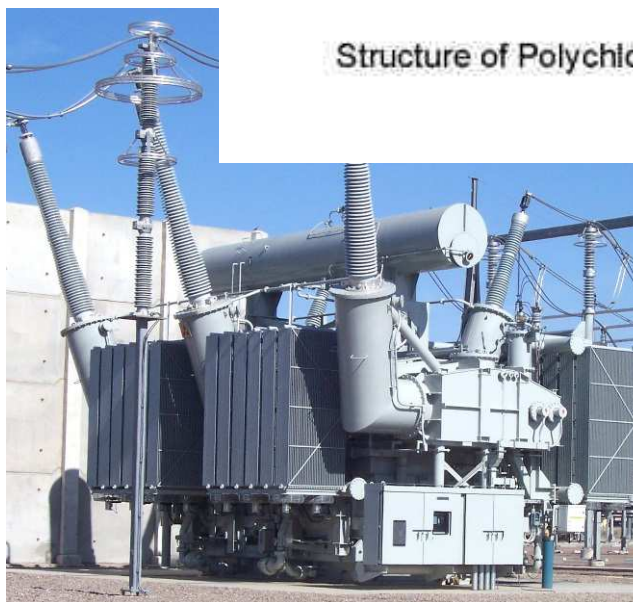
*We will work collaboratively to characterize the sources of toxics in the Spokane River and identify and implement appropriate actions needed to make measurable progress towards meeting applicable water quality standards for the State of Washington, State of Idaho, and The Spokane Tribe of Indians.*



# What Are PCBs?



Structure of Polychlorinated Biphenyl (PCB) Molecule





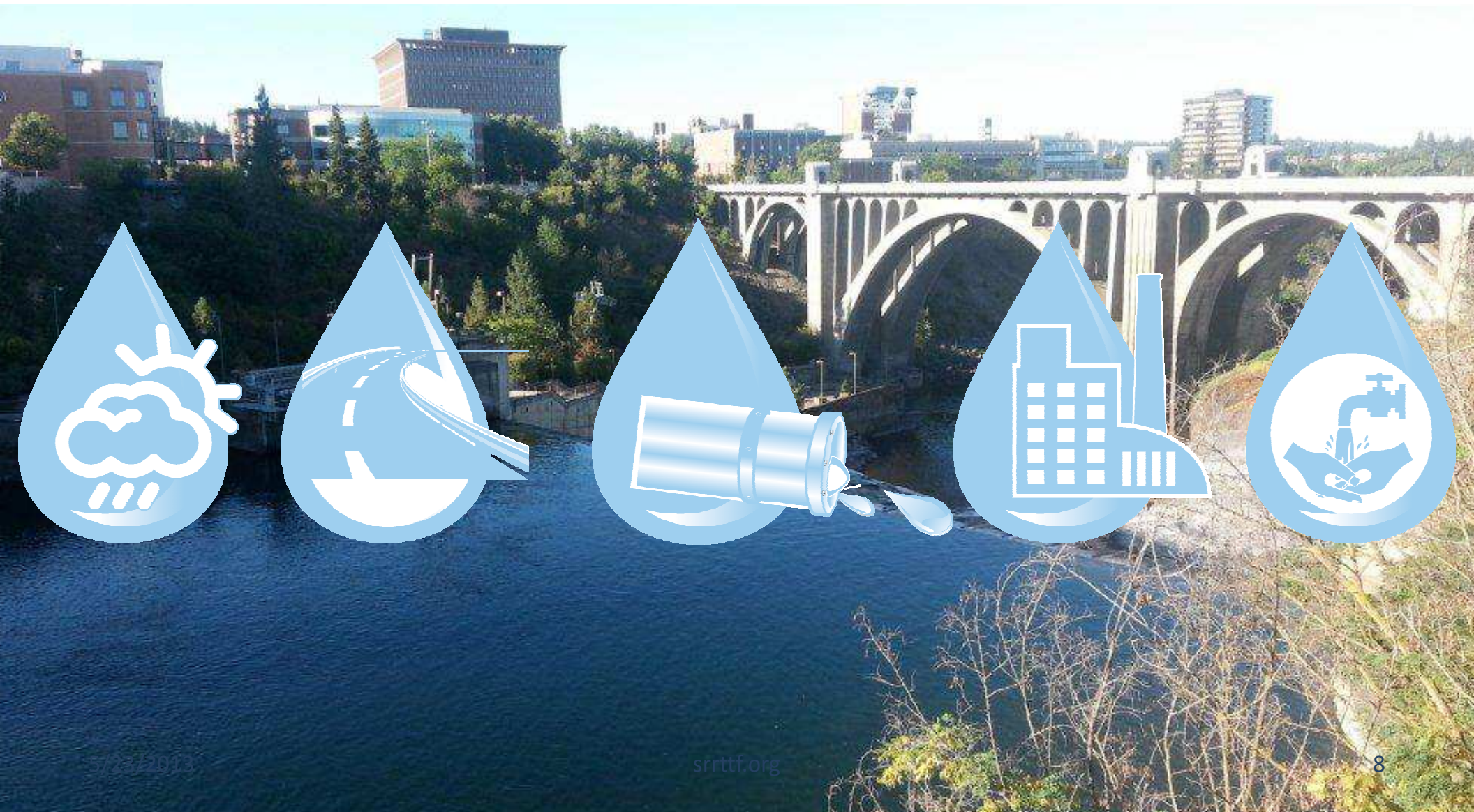
# Where PCBs are Found Today







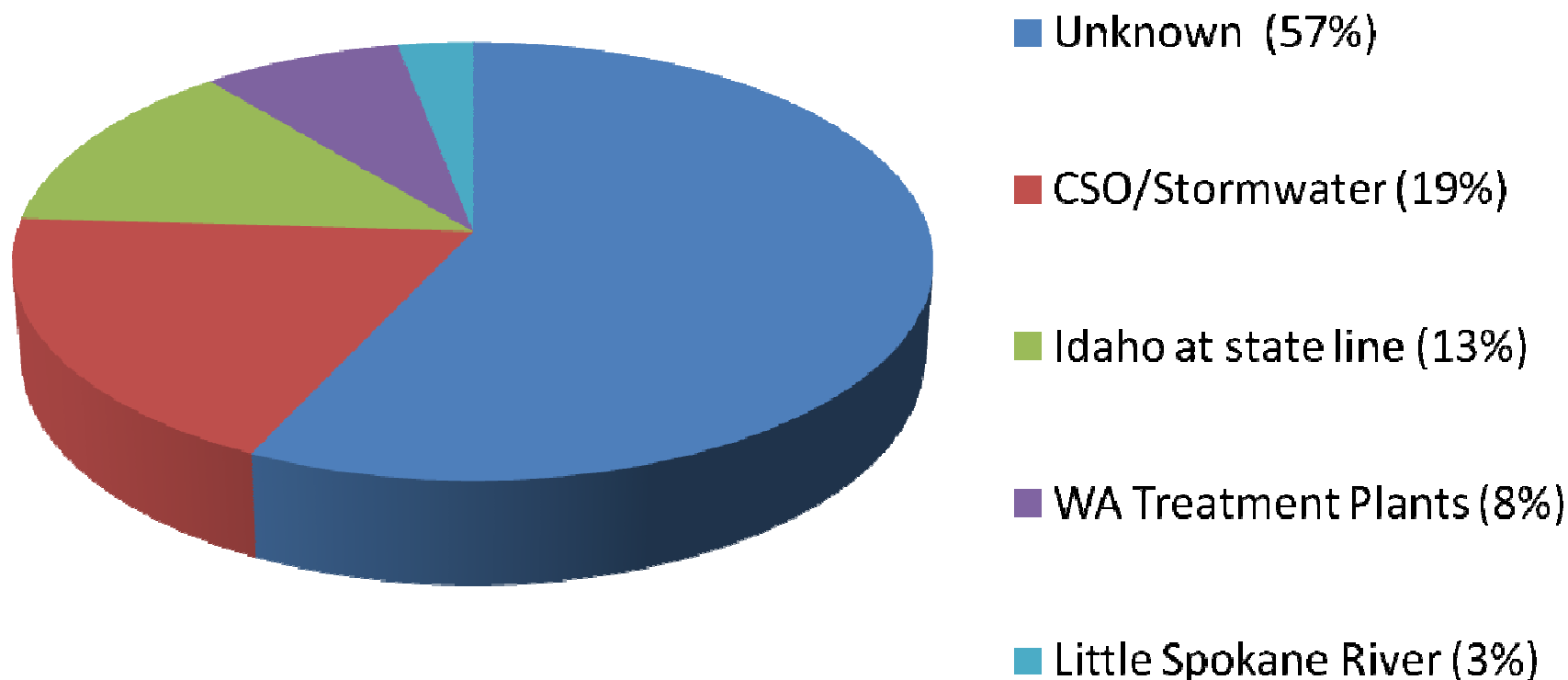
# How Do PCBs Enter the River?







# How Do PCBs Enter the River?



Reference: Ecology Spokane River PCB Source Assessment, April 2011



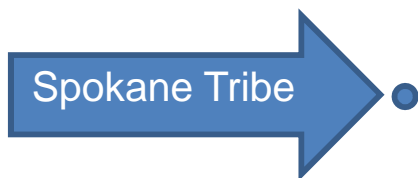
## What Are PCB Limits?



0.00000017 ppm



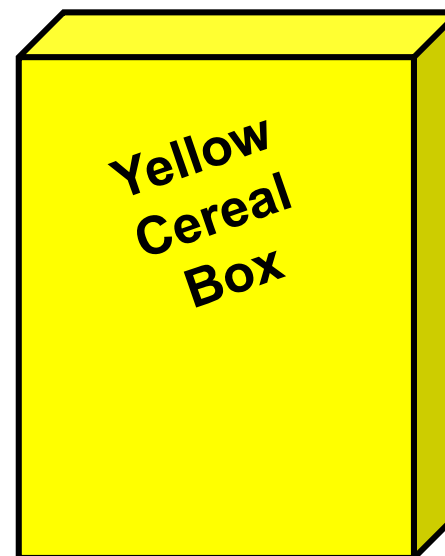
0.000000064 ppm



**0.0000000034 ppm**



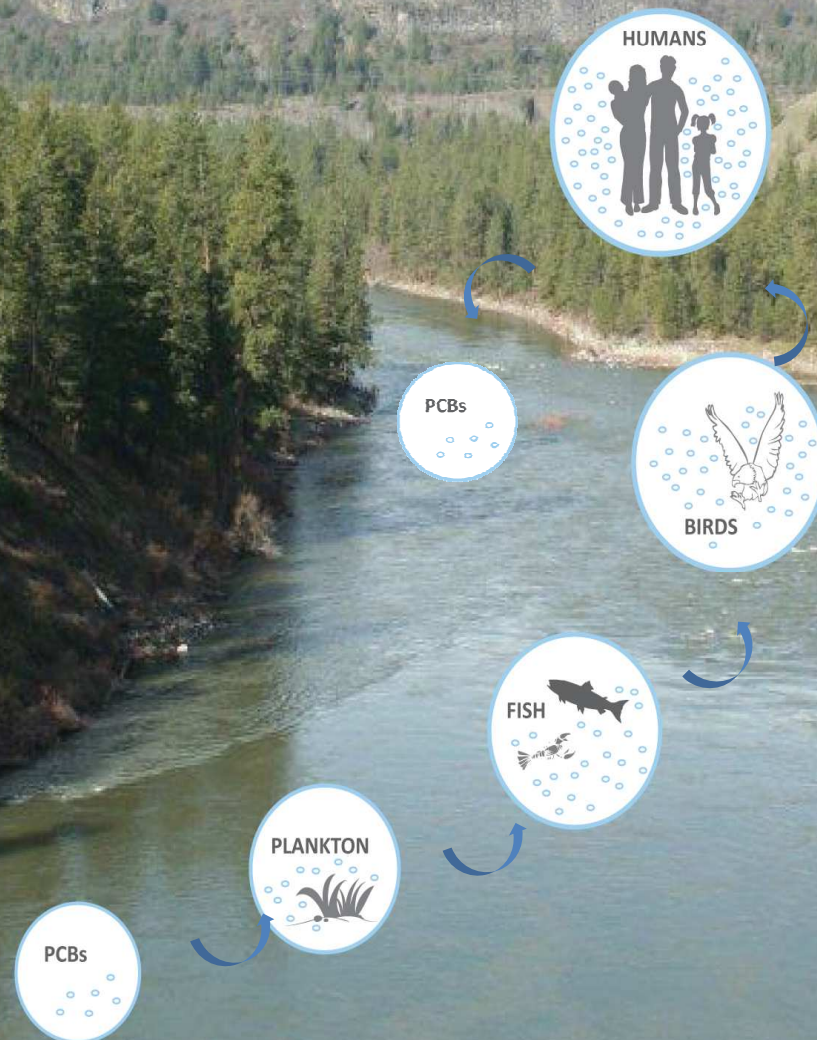
## What is allowed in products?







# Health & Environmental Impacts of PCBs





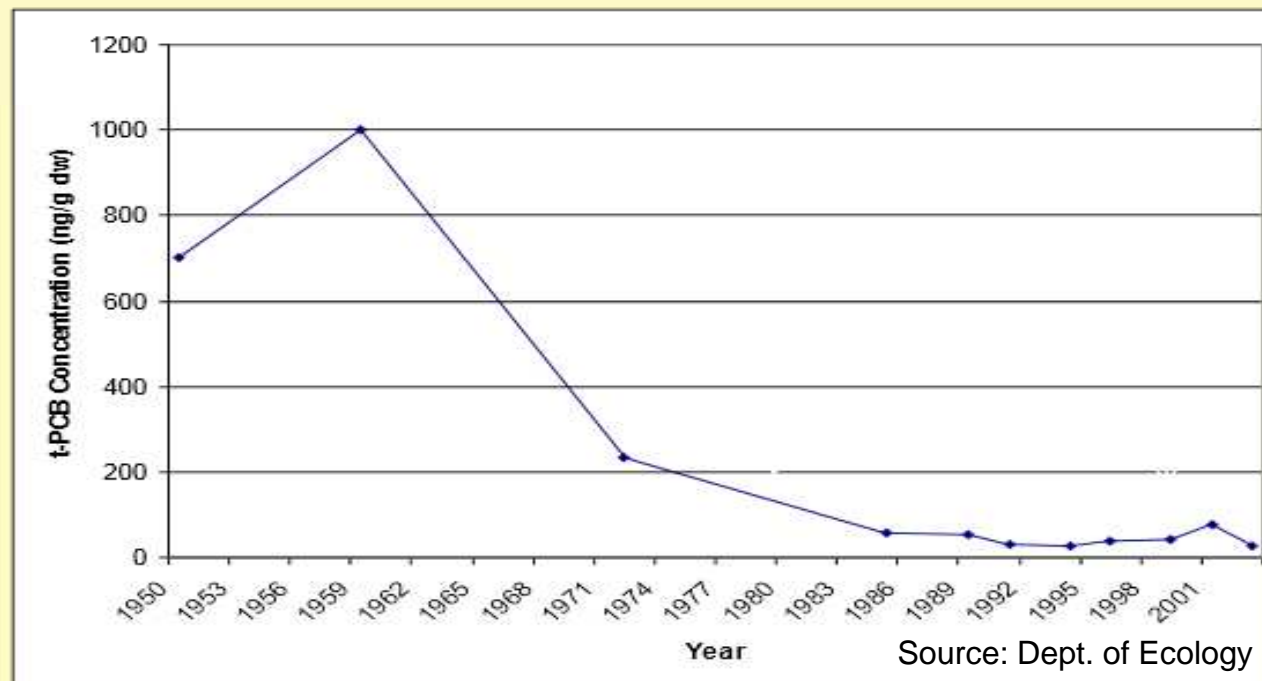
# Health & Environmental Impacts of PCBs





## Decline of 50% Over 20 Years

### 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)





# Task Force Approach





## Task Force Goals

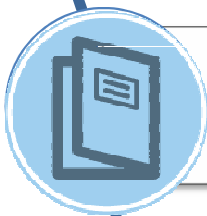
- Bring the Spokane River into compliance with water quality standards
- Better understand how PCBs enter and move through river
- Identify data obtained and needed to address data gaps



# Task Force Accomplishments (to-date)



Formation of Task Force



Technical evaluation in progress



Drafting 5-year work plan

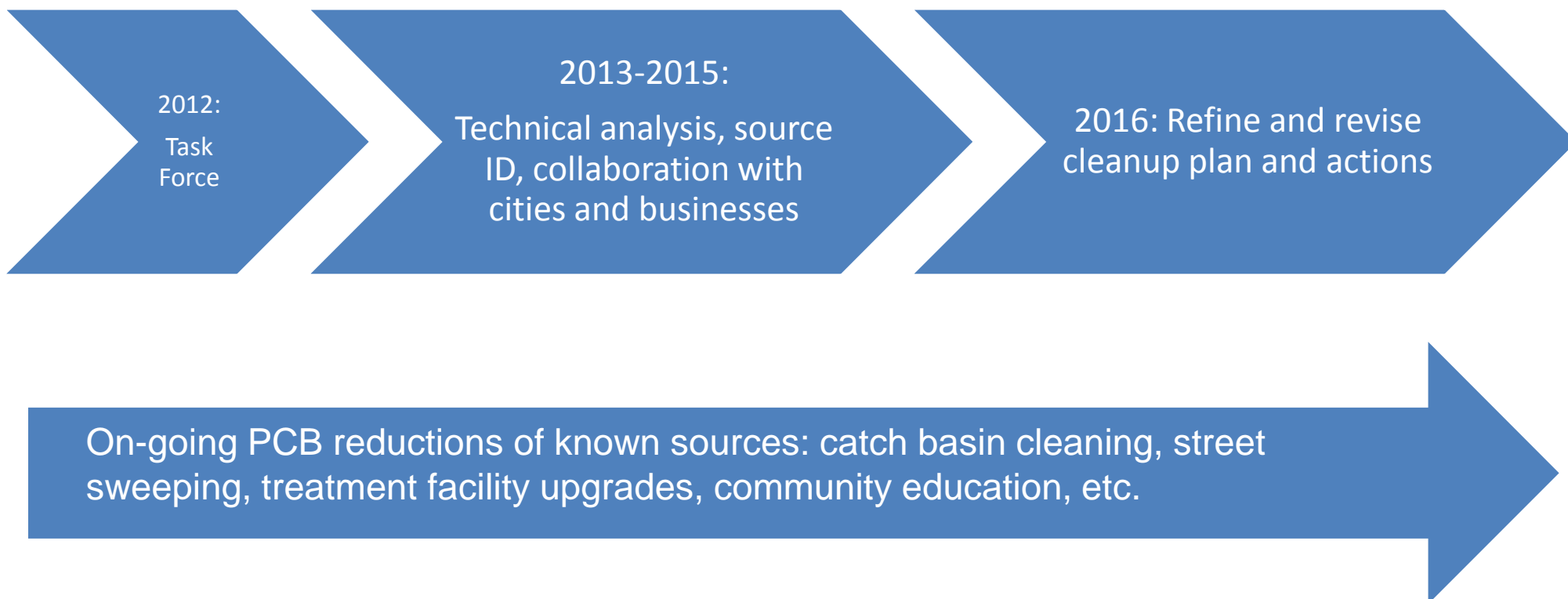


Community education underway



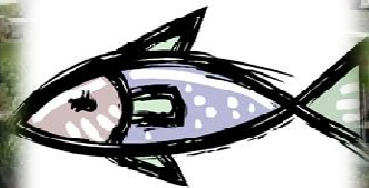


# Looking Ahead





# Why should you care?





## What Can I Do?

- Properly dispose household waste.
- Be careful what you put down the drain
- Only rain down the storm drain.
- Get involved!





# Summary







# Questions?

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