FY 2016 WQP Proposal Form for EAP Activity Requests *(For July 1, 2015 – June 30, 2016)*

Regional Office: Choose an office. **Project Type**: **Other WQ Study**

Project Title: **FY 2016 Sampling for PCB sources in sediment in Spokane River Reaches** WRIA#: 54, 55, 56, 57

Regional Office Contact: Adriane Borgias Start Date: July 1, 2015

1. Check Pollutants that are addressed by this project

- ☐ Temperature
- ☐ Dissolved Oxygen
- ☐ pH
- ☐ Nutrients
- ☐ Bacteria
- ☐ TSS/Turbidity
- ☐ Metals
- ☑ Toxics
- ☐ Other: Enter Pollutant

2. Description of the proposal including waterbody names, known/suspected problems, etc. If this is an STI proposal, describe how it meets STI criteria):

The Spokane River Regional Toxics Task Force (SRRTTF) supports the collection and analysis of PCBs in bottom sediments in the Spokane River in the two reaches where the highest fish tissue concentrations have been observed. This project will help to confirm the exposure pathways for PCB and related toxics to fish in the Spokane River system and the findings will help guide future source reduction activities and BMPs addressing reduced exposure to fish.

3. Summarize the water quality assessment listings within the proposed project area

Dissolve oxygen; metals; phosphorous; and toxics (PCB)

4. Identify Designated Beneficial Uses and Water Quality Criteria:

Spawning, rearing; primary contact recreation; all water supply uses; all misc. uses. Spokane Tribe of Indians Water Quality Standards also apply.

5. Identify all relevant NPDES Permits in the project area. Are any of these permits due for renewal during the project timeline? Anticipated 401 certs in the project area? Critical impacts to permittees?

Kaiser Aluminum NPDES, Inland Empire Paper NPDES, Spokane County NPDES, City of Spokane NPDES and Municipal SW Permit, Liberty Lake Sewer and Water District NPDES, Upstream NPDES permits in Idaho, and Avista 401 Certifications

6. Identify existing water quality data that can be used for an analysis. Does new data collection need to occur? Lab budget?

This project consists of assistance with sediment sample collection and analysis of PCB concentrations in those samples. Data will be generated by the SRRTTF. A lab budget is associated with this activity.

7. What is the level of public interest and stakeholder support for the proposal?

This project has been endorsed by the Spokane River Regional Toxics Task Force (SRRTTF). The voting members include 5 Spokane River NPDES holders, 2 state and regional agencies, 3 environmental organizations. The advisory members include USEPA, Idaho, and Washington, with Tribal interest. The project assists the SRRTTF in filling identified data gaps.

Collecting and testing sediments for PCBs in bottom of the river bed in the reaches where fish tissue sampling has indicated the most elevated fish tissue PCB concentrations in the Spokane River system is designed to answer data gaps addressing our understanding of primary PCB pathways that contribute to the concentrations of PCB observed in fish. This will help in identification of pathways of exposure, sources, source reduction activities, and applicable Best Management Practices.

8. Identify existing water quality management plans or agreements in the project area. Describe the geographic scope of those plans/programs.

The SRRTTF is operating under a Memorandum of Agreement. The SRRTTF, which was established in 2011, is working collaboratively to "characterize the sources of toxics in the Spokane River and identify and implement appropriate

Click here to enter anticipated impacts.

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 and in the interest of the public and environmental, health."

9. What are the potential obstacles or policy issues in this project that may arise?
No identified obstacles at this time.

10. For TMDL or STI proposals, what are the major land uses in the project area?
The Upper Spokane River Subbasin is 36% urban/suburban; 35% forest, 22% range, 4% agriculture, and < 1% other. The Lower Spokane River Subbasin is 40% rangeland, 24% forested, 22% agriculture, 9% urban/suburban, 3% water, and <2% other.

11. For Straight To Implementation projects, what implementation activities are already happening in the project area (check Habitat Work Schedule), will you need future monitoring and when?
This project is in coordination with SRRTTF's technical consultant work plan and answers an identified data gap needed to understand the pathways for PCB exposure to fish in the Spokane River.

12. What type of funding sources do you anticipate needing? Will it be critical to the implementation of this project?
Funding is needed to provide assistance with sampling activities and laboratory analysis.

13. Is there a preferred time period or any deadlines for when the work should be conducted? ?

Click here to enter anticipated impacts.