

SRRTTF Projects Submitted to Environmental Assessment Program: FY 2014-2015

| Requestor | Project Name | Project Description | Timeframe | Toxics | ESA | Comments | Reference |
|-----------------|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Adriane Borgias | Sampling for Spokane River Synoptic Studies | Assist the SRRTTF in water quality sampling on the Spokane River in accordance with SRRTTF QAPP. Ranked #1 by SRRTTF. | FY 2015 | Yes | No | Funded. EAP provided technical assistance | QAPP and SAP http://srtrtf.org/wp-content/uploads/2013/05/QAPP_FINAL_081114.pdf http://srtrtf.org/wp-content/uploads/2013/05/Spokane_SAP_Final-080814.pdf |
| Adriane Borgias | Spokane River Water Quality Long Term Trends | Establish relevant long-term Spokane River WQ monitoring network for the purpose of trends monitoring in the SR Mainstem. Prepare long term trends monitoring plan. Obtain baselin information as reference points. Prepare reports. Ranked 2 by SRRTTF | FY 2015 | Yes | No | Current plans are: 1) 1. Establish a long-term monitoring station below Lake Spokane Dam and 2) 2. Fish tissue monitoring as part of our Freshwater Fish Contaminant Monitoring Program. The next event is 2017. | |
| Adriane Borgias | Assessment of PCB Conc. In Spokane Valley Groundwater | Uses existing monitoring wells to monitor groundwater to evaluate levels and contribution to Spokane River. More than half the source to the river is unaccounted for. (*Determined proposal could be refined to just scope the project for a future study; this approach ranked high). Ranked 4 by SRRTTF | FY2016 | Yes | No | Funded, Literature review underway. | |
| Adriane Borgias | Wet and Dry Deposition of PCB in the Spokane River Watershed | Collect wet and dry deposition data at multiple locations for PCB in order to provide information about PCB levels reaching runoff surfaces. Ranked 3a by SRRTTF | FY 2015 | Yes | No | Not funded for local implementation. Statewide program underway. | See Project Workplan Memo 12/3/2014 |
| Adriane Borgias | Atmospheric Deposition of PCBs | Use already established air monitoring to collect PCB (& other toxics) to analyze contribution of air deposition to Spokane River. Ranked 3b by SRRTTF | FY 2015 | Yes | No | | |
| Adriane Borgias | Listing verification on Little Spokane River: PCB | Listing verification for PCB on the Little Spokane River and identify sources that may be associated with PCB. | FY 2015 | Yes | No | Funded, underway | QAPP https://fortress.wa.gov/ecy/publications/SummaryPages/1403127.html |
| Adriane Borgias | Lake Spokane Carp Analysis | Test quantities of toxic pollutants removed from Lake Spokane through Carp culling and removal | FY2014 | Yes | No | Funded, underway | QAPP https://fortress.wa.gov/ecy/publications/publications/1403123.pdf |
| Adriane Borgias | Estimate of Aerial Deposition of Toxics in Spokane Watershed | Use already established air monitoring to collect PCB (& other toxics) to analyze contribution of air deposition to Spokane River | 2013 | Yes | No | Resubmitted FY2015 as Projects 5 & 6 | |

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| Adriane Borgias | Assessment of PCB Conc. In Spokane Valley Groundwater | Uses existing monitoring wells to monitor groundwater to evaluate levels and contribution to Spokane River. More than half the source to the river is unaccounted for. (*Determined proposal could be refined to just scope the project for a future study; this approach ranked high). | 2013 | Yes | No | Resubmitted and Funded FY2015 as Project 4 | |
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Projects Proposed FY2016

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|-------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------|-----|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Adriane Borgias | PCB in 2,4-D | Test formulations of 2,4-D an approved aquatic herbicide for the presence of PCBs | 2016 | Yes | No | Wait for City of Spokane Results | |
| | | Product testing | 2016 | Yes | No | Coordinate with Ecology and City of Spokane | https://fortress.wa.gov/ecy/publications/SummaryPages/1403125.html |
| BiJay Adams | PCB in Hatchery Fish | Refine purpose of study | | Yes | No | | https://fortress.wa.gov/ecy/publications/summarypages/0603017.html |
| Sandy Phillips | PCBs in Building Materials | Research the potential for PCB contribution to air, soil and stormwater from buildings and building materials. This is an important legacy source that needs to be explored further as the Task Force works to identify potential sources of PCBs to the river. It was also one of the six areas of concern put forward in the PCB CAP recommendations. See EPA webinars presented this year on PCB's studies on northeastern school buildings and Sweden's experience with PCB's in buildings. | 2016 | Yes | No | | |
| Adriane Borgias | PCBs in Spokane River Bridges | Evaluate potential for PCB building products in Spokane River Bridges | 2016 | Yes | No | | See City of Tacoma results |
| Lisa Dally Wilson | Exposure Pathways for PCB | Explore potential PCB exposure pathways for fish in the Spokane River that may result from sediment within interstitial spaces on the river bottom. | 2016 | Yes | No | | |
| Mike LaScuola | Market Basket Survey for PCB | Market basket survey on staple whole foods including fish, dairy, meats, nuts and vegetables | 2016 | Yes | No | | |
| Mike LaScuola | PCBs in Building Materials and foods | Connection between PCB's in building materials and how it impacts foods | 2016 | Yes | No | | |
| Adriane Borgias | Evaluation of water sampling systems | Evaluate CLAM and other water sampling methods for use in low level PCB sampling. research and test the best methods for the Spokane River on a side by side basis. There are a number of approaches out there that could be used (SPMDs, CLAMs, Infiltrax System, HPV2900, manufacture our own resin columns or other passive samplers or even looking at other metric like particulates). | 2016 | Yes | No | | See also AXYS proposal |
| John Beacham | Concurrent water sampling events | The Idaho dischargers will be embarking on twice annual surface water sampling for PCBs beginning in the April/May timeframe this year. We currently expect to be sampling using a combined effort and on the same day. This would be an opportunity to perform similar work in WA at the same time. The end result might be a larger dataset. We are required to collect grab samples by our permits. | 2016 | Yes | No | | |