

**SRRTTF**  
**Joint Tech Track/Fish Work Group Meeting**  
**Thursday March 19, 2020: 10:00 am – 11:30 am**

Meeting Materials for Participant Review/Presentation –

- Preliminary Draft – Long Term Monitoring Memo (from March 3 meeting)
- PPT – Summary of Long-Term Monitoring Shortlist costs - LimnoTech

Attendees:

In Person:

Mike Hermanson, Spokane County  
Rob Lindsay, Spokane County  
Joel Breems, Avista  
Chris Donley, WDFW  
Jeff Donovan, City of Spokane  
Doug Krapas, IEP  
Jim Ross, WA Department of Ecology  
Jeremy Schmidt, WA Department of Ecology  
Karl Rains, WA Department of Ecology  
Lisa Dally Wilson, Dally Environmental, SRSP

By Phone:

Dave Dilks, LimnoTech  
Mike Anderson, City of Coeur d’Alene  
Brian Nickel, EPA  
Alyssa Gersdorff, City of Post Falls  
Brandee Era-Miller, WA Dept of Ecology

1. Welcome, Introductions, Purpose of Meeting
2. Expected Outcomes:
  - Review of LimnoTech information – overview of costs and approach for short-list of sampling and media options for monitoring to assess long-term trends in PCBs in the Spokane River
  - Discuss at what point the TTWG should recommend a project to the SRRTTF for forward movement towards implementation
3. Overview of Last two TTWG meetings –
  - Long-term monitoring – all TTWG members were supportive of using fish as an indicator, after review of cost information from LimnoTech at today’s meeting, TTWG will determine whether additional sampling should be recommended.
  - Other monitoring projects will not be approved and moved forward as a recommendation until the primary monitoring projects have all been developed and scoped and the TTWG can weigh their relative priorities (includes targeted high flow monitoring for non-point source identification, followup investigations to identify hot spots, PMF phase 2).

4. Short-list of sampling approaches for long-term monitoring for cost analysis determined at March 3<sup>rd</sup> meeting of TTWG

Sampling Methodology/Medium	Integration Window (temporal representation of sample)	Select for Long-term Monitoring
Year-old wild rainbow trout	1 year	yes
In-situ solid phase extraction (CLAM)	1 day	(2)
Passive Sampling – (SPMD and solid phase passive devices)	28 days	(2)
Particulates (Sediment trap)	3-4 months	(2)

5. Presentation and Discussion – see LimnoTech powerpoint

- CLAM – discussion – prohibitive due to cost for equivalent temporal representation (dissolved and particulate fraction)
- Passive Sampling (eg., SPMD) – dissolved phase (DD notes that ~90% of the PCBs in Spokane River are in dissolved phase), reasonable cost, good temporal representation
- Fish – check in, all at meeting agreed 1 year rainbow trout should be used for long-term monitoring. Costs are very reasonable partly due to WDFW involvement
- Ensure sampling is sustainable – fish sampling is sustainable from a cost perspective.
- Consider Fish Sampling plus water column sampling with passive device. Firm up approach and make recommendation to TF in April

6. Next Steps –

- Overview presentation to TF in March, TTWG meet in early April and finalize approach to long-term monitoring and present as recommendation to TF in April.

---

<sup>2</sup> Decide on one or more other sampling methodologies for long-term monitoring study after LimnoTech conducts an assessment of the spatial and temporal frequency of each monitoring approach listed above and the cost associated with those approaches.