

**SRRTTF**  
**Joint Tech Track/Fish Work Group Meeting Notes**  
**Wednesday April 8, 2020; 1:00 – 2:30 pm PST**

Meeting Materials for Participant Review/Presentation –

- PPT – Long-term Monitoring Program – Discussion of Recommendations to Task Force

Attendees:

Mike Hermanson, Spokane County

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

Dave Dilks, LimnoTech

Mike Anderson, City of Coeur d’Alene

Alyssa Gersdorff, City of Post Falls

Brandee Era-Miller, WA Dept of Ecology

Tom Agnew, LLSWD

Bill Fees, WA Department of Ecology

Sandy Treccani, WA Department of Ecology

Will Hobbs, WA Department of Ecology

1. Welcome, Introductions, Purpose of Meeting
2. Expected Outcomes:
  - Review of LimnoTech information – overview of passive sampling options and research around those options
  - Determine final recommendation for long-term monitoring to SRRTTF – address type of passive sampling, number of sampling stations and sampling station location and frequency of sampling
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 TTWG was interested in water column sampling and neared consensus on passive water column sampling. Now need to determine which sampling medium (SPMD or other), how many stations, how frequently.
4. Passive Sampling Discussion - Method
  - SPMD versus polyethylene (PE) samplers. David Alvarez (national expert from USGS) and Richard Grace (SGS AXYS, laboratory that has done our PCB analyses) both recommended SPMD: superior for low concentrations, commercially available and have ability for larger sample volume, more durable in the field.
  - TTWG/Fish WG decided upon SPMD.

- Some concern voiced about passive sampling occurring over a month with the river being as dynamic as it is (eg., temperature, groundwater inputs, etc. can vary over a month).
5. Sample Location Discussion
- Consider sampling in fewer locations and more duplicates given the concentrations we are trying to sample
  - TTWG/Fish WG decision to sample at the following locations:
    - Stateline (upstream control)
    - UpRiver Dam area (downriver of gaining reach, point sources and active MTCA cleanup site)
    - Upper Falls area (in reach containing point source, sediment/biofilm spikes and closed MTCA site)
    - 9-mile Dam (downriver of all point sources, tributary and urban area)
6. Annual Sampling Frequency Discussion
- TTWG/Fish WG agreed with LimnoTech recommendation for passive sampling to capture three hydrologic regimes a year (representing one month of river concentrations for each of the three sample events):
    - Spring high flow
    - Summer low flow
    - Winter moderate flow
  - Fish sampling to occur one time per year.
  - Recommendation to SRRTTF would be for approval and QAPP development to deploy passive samplers for 2020 summer low flow and fish sampling during the same timeframe.
  - Add cost of three blanks for each sampling event
7. Long-term Sampling Frequency Discussion
- Consider this sampling protocol once every two years, concurrent with the Biennium. Approximately 150K per biennium.
  - If this becomes cost prohibitive, consider sampling fish every 2 years and fish + SPMDs every 4 years.
  - Propose the biennial approach and if there are budget issues default to fish every two years and SPMD every four years ensuring that when both occur, they occur in the same year.
  - Start sampling this summer
8. Next Steps –
- Recommendation to TF in April with intention to conduct both fish and water column sampling this summer if QAPP process can be completed.