

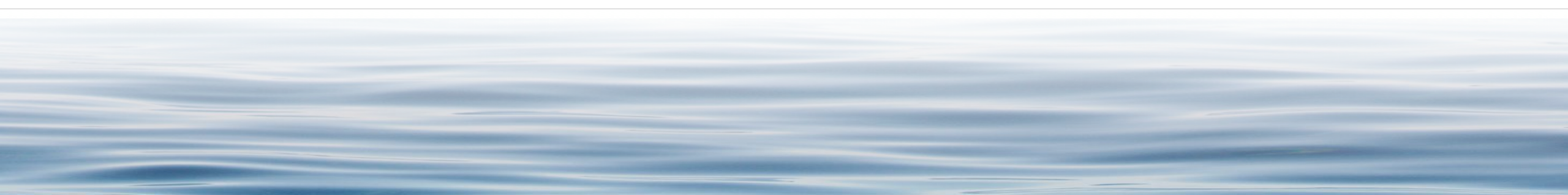
Tech Track Status Report

- Long Term Monitoring Program**
- Targeted High Flow Sampling**

Dave Dilks

Spokane River Regional Toxics Task Force

March 25, 2020 Task Force Meeting



Background

OUTCOMES: 2019 Data Synthesis Workshop & 10/2019 TTWG

I. Long-term Effectiveness Monitoring

II. Targeted Monitoring Projects

- Targeted High Flow Sampling to Define Non-point Source Loads
- Follow-up Investigations from Multi-media Data Collection to Identify Hot Spots
- Selective Low-flow Water Column Sampling (to improve assessment of dry weather groundwater loads between Spokane & Nine Mile Gages)
- PMF Phase 2B

Background

- Two tasks identified during the 2019 Data Synthesis Workshop:
 - Recommendations for a long term monitoring program
 - Recommendations for targeted higher flow river monitoring
- Details were discussed during three Tech Track meetings in March
- A third task identified during Data Synthesis Workshop will begin shortly
 - Follow-up Investigations from Multi-media Data Collection

Background: Long Term Monitoring Program

- Task Force is required to “make measurable progress toward meeting applicable water quality criteria for PCBs”
- Routine monitoring is an important component of demonstrating progress
 - Progress “could be demonstrated by ... measured reductions of toxics to or in the Spokane River”
- Many methods could serve as the basis for this monitoring program
- This work consists of reviewing several methods and making recommendations

Status: Long Term Monitoring Program

- TTWG meeting March 3 - narrowed options from sixteen to five
- TTWG meeting March 19 - nearing a consensus recommendation of two methodologies
 - Sampling of one year old rainbow trout will almost certainly be recommended
 - Consistent with the baseline monitoring currently proposed by Fish Work Group
 - Passive water column sampling is likely to be recommended
- Expect formal recommendation at April Task Force meeting

Background and Status: Targeted High Flow Sampling

- 2016 monthly monitoring data indicates the potential presence of non-point source PCB loads during higher river flow conditions
- Objectives
 - Review the 2016 data to estimate non-low flow nonpoint source PCB contribution for each river reach
 - Prioritize the reaches for potential future study
- Status
 - March 11 Tech Track meeting indicated preference for sampling two reaches
 - Barker Rd. → Trent (Plante's Ferry) → Greene St.
 - Further assessment on hold until priority of this monitoring relative to other tasks is determined