

SRRTTF
Tech Track Work Group WebEx Meeting
Wednesday, March 11, 2020: 11:30 am – 1:30 pm

Meeting Materials for Participant Review/Presentation –

- Draft Technical Memorandum on high flow non-point source study
- PPT overview of LimnoTech Targeted High Flow Non-Point Source Monitoring Memo

Attendees:

Mike Hermanson, Spokane County

Joel Breems, Avista

Bud Leber, Kaiser

Jeff Donovan, City of Spokane

Bill Fees, WA Department of Ecology

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

Robert Mott, CPMA

Brandee Era-Miller, WA Dept of Ecology

Rubens Quintero (Not announced, WebEx identified)

Luciano Torres (Not announced, WebEx identified)

1. Welcome, Introductions
2. Expected Outcomes:
 - Presentation on Targeted High Flow Monitoring Memo by LimnoTech – TTWG members acquire similar level of understanding of objectives and methods
 - Provide Feedback to Dave Dilks regarding phased approach to targeted high flow sampling and what reach to focus on in phase 1
 - Overview of preliminary biofilm sampling results to ID hot spots by Brandee Era-Miller
3. General Administration and Meeting Protocol
 - At this time the TTWG is choosing to hold meetings by WebEx to minimize person to person contact
 - All meeting materials will be posted on the SRRTTF Website
 - Doodle poll to be distributed to TTWG and Fish WG members to choose meeting date (week of March 16) to review costing information for long-term monitoring and fish baseline projects
4. Targeted High Flow Monitoring to Identify Non-point Sources of PCBs – Phase One
 - PPT presentation and Overview by LimnoTech -work done to date (Dave Dilks)

- Tiered process – work to be done in a phased manner to see if we can get a quantitative signal at high flows. TTWG to select one reach first as proof of concept. High flows may mask the ability to see a clear signal.
- TTWG discussed high flow data collected to date. These were single samples, and the study design was not intended for use in a mass balance assessment.
- Sampling design for a mass balance for one single reach (single synoptic sampling over four successive days)
- Kaiser reach – Dave Dilks theory that smear zone of PCB contamination in soil and groundwater may be mobilized at high flow
- Work group feedback on approach – discussion around the following Reach options
 - **Lake Cd'A to Trent** -high load, but likely Kaiser – already known source
 - **Trent to Green** – target Trent to Green and add an upstream reference point at Barker.
 - **USGS to Nine-mile dam** -consider USGS to 7-mile bridge considering complex groundwater interactions and length of reach. USGS to 7-mile bridge appears to be gaining reach.
- TTWG selected Trent to Green street reach with an upstream reference at Barker (3 sample locations, 2 reaches)
- Dave Dilks to generate cost estimate for this Phase one sampling event.

5. Follow-up Investigations from Multi-media data collection to Identify HOT SPOTS - Preliminary Biofilm Results (Brandee Era-Miller)

- Brandee shared preliminary biofilm data showing high concentrations of total PCB near SR 3A and throughout the Mission reach. Both left bank and right bank samples at SR3A had signals suggesting Arochlor 1260. 'This Mission Reach is a losing reach, fish and sediments exhibit high concentrations here too' (MIB to SFB). Data are preliminary but TTWG can start to scope the hot spot project and wait for validation.
- Discussion that the hot spot area could be localized and the source primarily located in bottom substrate
- Consider putting historical land use on the map to help focus investigation

6. Next Steps

- LimnoTech comparable cost study for top five sample methodologies.
 - TTWG to review LimnoTech report and meet by WebEx to make final recommendations for long-term monitoring study the week of March 16. Doodle poll to be provided to determine meeting time.
- TTWG meet to discuss all potential projects – big picture and general scope of those projects prior to making recommendations to the SRRTTF regarding priority projects for contracting. Prioritize amongst all projects prior to contracting (late March through April).