



**SRRTTF**  
**Tech Track Work Group Meeting**  
**November 24, 2020: 8:00 am – 10:00 am Pacific Time**  
**ZOOM Meeting**

**Meeting Materials–**

- **Powerpoint Presentation – Short term Projects/Sampling efforts for SRRTTF consideration (Dave Dilks)**
- **GIS map of City of Spokane stormwater system in the vicinity of Mission Reach, map of all stormwater outfalls in Mission Reach (Jeff Donovan)**

Attendees

Chuck Lee, WDFW

Chris Donley, WDRW

Jeff Donovan, City of Spokane

Doug Krapas, IEP

Jeremy Schmidt, WA Department of Ecology

Ken Windram, HARSB

Karl Rains, WA Department of Ecology

Lisa Dally Wilson, Dally Environmental, SRSP

Joel Breems, Avista

Dave Dilks, LimnoTech

Alyssa Gersdorff, City of Post Falls

Vikki Barthels, Health District

Brandee Era-Miller, WA Dept of Ecology

Sandy Treccani, WA Department of Ecology

Brent Downey, Kaiser

Logan Callen, City of Spokane

Tom Agnew, LLSWD

Mike Peterson, The Lands Council

Mike Anderson, City of Coeur d'Alene

Rob Lindsay, Spokane County

Mike Hermanson, Spokane County

**Note – action items in red**

**Purpose of Meeting, Expected Outcomes –**

- Discuss shorter term projects/sampling efforts that can be conducted and completed by the SRRTTF no later than June 30, 2021
- Presentation of initial feasibility assessment and cost for shorter term projects
- Determine whether there is consensus around short term projects to put forward to the SRRTTF for biennial funding
- Updates on SPMD Sampling, Fish Sampling, Stormwater outfall reconnaissance

**Short Term Projects/Sampling Efforts for SRRTTF Consideration**

1. TTWG discussed 5 short-term projects that address the Mission Reach hot spot assessment. (see meeting materials ppt on SRRTTF website) Limno Tech conducted an initial feasibility study for these projects. They include:
  - a. Sampling of Artificial Bottom Fill Material near the hotspots in the Mission Reach observed during the Biofilm field work - ~ 22K assuming a QAPP addendum to the biofilm QAPP is sufficient). TTWG members supported this project.

- b. Object (Geophysical Anomaly) Detection Survey – Tiered approach first with magnetometer sensor, then underwater imaging and possibly, ground penetrating radar - ~ 16K assuming no QAPP necessary. Concern by TTWG members that method would not discern differences in large metallic objects (many of which are present in the riverbed). Gravity confirmed that ground penetrating radar is not sensitive enough to discern (for example) between a hot water heater and transformer.
- c. Analysis of Existing Bottom Sediment Samples collected by Ecology during the Trent Bridge construction. 3K (note no QAPP, samples already collected). TTWG members supported this project. Additional samples will be collected during future construction, but schedule is uncertain so they will not be included in this phase of the project.
- d. Additional Stormwater Investigations. Additional reconnaissance of outfalls during rain events would be helpful. Negligible Cost if conducted by a local partner. This warrants further discussion by the TTWG to identify willing partners.
- e. Sampling of Artesian Well identified just downstream of Hamilton St during Ecology temperature float. 5K. This project was discussed but was not a top priority for the short term sampling due to its location relative to the biofilm hot spots.

Implementation of any of these projects is dependent on whether a new QAPP is required or whether an addendum memo to the Biofilm QAPP can be prepared. Dave Dilks could prepare the later with left over funding from the Hot Spot Task. The Ecology QAPP manager is out until December 5<sup>th</sup>. **Brandee Era-Miller will contact their superior and attempt to get an answer to this question prior to the December 2 SRRTTF meeting.**

After discussion, the TTWG determined that the priority projects from this list include (1) sampling artificial bottom fill, and (2) analysis of bottom sediment samples previously collected by Ecology. If a QAPP addendum can be prepared, the TTWG would like to move these two projects forward as short-term funding opportunities. The total cost would be 25K.

Other discussion items/questions:

- Was there any significant precipitation that may have impacted the biofilm samples collected in 2018 and 2019 (eg., is stormwater a potential source of PCBs in biofilm samples)?

### TTWG Project Updates

- Spokane River Water Column Sampling (Dave Dilks, LimnoTech)  
First round of SPMD samples were collected and provided to SGS AXYS in September. Should have lab results fairly soon.
- Spokane River Fish Sampling (Chuck Lee, WDFW)  
WDFW has completed fish sample collection in four of six sections of the River and will complete the section from Water Street to TJ Meenach before high winter flows.

However, they are having difficulty locating 1 year old fish in Section 1 at Stateline. It appears that there is little rearing in this section of the river. The number of fish will not allow for an adequate composite sample. Decision by TTWG not to return this year to attempt to collect fish, but to continue to monitor the population and leave Section 1 in the QAPP as a sampling reach. WDFW will continue to monitor this section, if the population doesn't change then will consider removing it as a reach in the future.

- Informal Survey of Stormwater outfalls (Jeff Donovan, City of Spokane)  
Jeff presented information from reconnaissance of stormwater outfalls during a precipitation event including a map of all outfalls and GIS coverage of the stormwater system in the Mission Reach. There are two small MS4 outfalls near the No-Li Brewery and SR3a hotspot. Stormwater in these locations has not been sampled.
- Trent Bridge Sampling (Jeremy Schmidt, Ecology)  
Three samples currently collected from first phase of construction: 2 samples in tube from 1-3' level and one sample at the 6' level. Ecology will collect samples from the next round of construction and store.