

**SRRTTF - Tech Track Work Group  
March 16, 2022 Meeting Summary**

**Meeting Materials–**

1. Rationale and Budget – Object Detection Survey
2. Memo – “Review of Historical Documents to Support Spokane River PCB Source Assessment”
3. Mission Reach Source Assessment Monitoring Report, draft 1.
4. Powerpoint presentation – Initial Historical Review
5. Powerpoint presentation – Mission Reach 2021 Monitoring
6. Powerpoint slides – Synoptic Survey Scope Expansion

**ACTION ITEMS IN RED**

**Attendees**

Alyssa Gersdorff, City of Post Falls  
Brandee Era-Miller, WA Dept of Ecology  
Brent Downey, Kaiser Aluminum  
Dave Dilks, LimnoTech  
Doug Krapas, IEP  
Gary Jones, United Printing Alliance  
Jeff Donovan, City of Spokane  
Jeremy Schmidt, WA Dept of Ecology  
Ken Windram, HARSB

Kris Holm  
Lisa Dally Wilson, Dally Env., SRSP  
Lisa Rodenburg, Rutgers University  
Logan Callen, City of Spokane  
Mike Anderson, City of Coeur d’Alene  
Monica Ott, Avista  
Robert Mott, Mott Consulting  
Sandra Treccani, Ecology

**Summary Notes**

The purpose of this meeting is to review and approve the approach and budget rationale for the Object Detection Survey, review and discuss the Initial Historical Review Memo, finalize scoping details for the sampling of the Springfield Stormwater System, get TTWG input on the breadth and depth of the Synoptic Survey, and to review and discuss the recently released Mission Reach Source Assessment Monitoring Report.

LDW provided a report on the Small Working Group Meeting of 2/24/2022 wherein a subset of the TTWG discussed scoping details for each priority project.

**Object Detection Survey (see Handout #1)**

The TTWG discussed the Object Detection Survey Summary and Budget Rationale. Brandee had a request to add a map or discuss the downstream boundary of the survey in the description. The TTWG approved the budget rationale and budget for \$9099 for recommendation to the Task

Force in March subject to adding a description of the up and downstream boundaries of the survey.

### **Initial Historical Review Memo: “Review of Historical Documents to Support Spokane River PCB Source Assessment” (See Handout #2)**

A powerpoint presentation was provided to summarize the results presented in the Historical Review Memo. TTWG Discussion:

- Ensure Gravity knows to check out Inland Metals areas during magnetometer study
- Pentzer site –
  - concern there was remediation at specific facilities, might not know which facilities are actual sources. Having a better Aroclor fingerprint may be helpful
  - Adjust memo to include more specifics on Aroclor patterns were available.
  - Kevin Booth from Avista worked on cleanup, and has been asked to review memo, not ready to approve – wait for comments
  - Don’t know all the sources of PCBs to the treatment plant, but all piping to the plant has been removed – contamination is likely groundwater contamination
  - Suggestion that biofilm sampling near the Spokane Industrial Park might further identify sources

ALL TTWG COMMENTS DUE BY MARCH 31. LIMNOTECH TO INCORPORATE COMMENTS AND INCLUDE ADDITIONAL AROCLOR INFORMATION. TTWG VOTE TO APPROVE APRIL 20, TF APPROVAL APRIL 27.

### **Springfield Stormwater System – Finalize scoping details**

Assume Gravity does this sampling during summer low flow in coordination with the City of Spokane (Gravity to sample, City to have observer). LimnoTech will contact Trey to better understand the cleanout schedule for other basins that have been sampled to ensure comparable data. **A scope summary and budget rationale will be available for review and approval to recommend to TF at the next TTWG meeting (April 20) .**

### **Synoptic Survey – USGS Gage to 9-Mile Dam – Scope Expansion**

TTWG discussed possible scope expansion considering extension of the survey upstream to Plantess Ferry and additional sampling stations within the reach. Recommendations for specific sampling sites were provided in the ppt slides, there was no disagreement with the recommendations.

- Suggestion to include a station downstream of Hangman Creek. Dave said they would be taking a grab sample at Hangman Creek as part of the survey.
- April 20 TTWG meeting will have rough scopes and budgets for most priority projects, including the expansion of the Synoptic Survey
- Initial Synoptic Survey budget already approved at Task Force. **Any expansion in scope will need to be approved next month.**

### **Mission Reach Source Assessment Monitoring Report (See Handout #3)**

Dave Dilks provided a powerpoint presentation summarizing the contents of the report. All comments on the report are due by March 31, Dave will integrate all comments and provide a redline document one week before the April TTWG Meeting

TTWG Discussion Comments:

- Artesian Well – Jeremy suggested this might be from a French drain or drain tiles previously installed in the area (note, Aroclor 1242 predominates)
- If looking for more groundwater data – Hamilton Bridge Cleanup website will show if there was any PCB monitoring done, and if so, whether it is 1668 data. Jeremy is doubtful there is 1668 data.
- Artesian well source - Check Cowley Creek. USGS presentation on stormwater/SW/GW in South Hill area.
- Consider groundwater gradients from monitoring wells installed on closed sites. Suspect that there is a gaining reach from the southeast side upgradient of the new Trent Bridge.

### **Topic of Interest – VOLATILIZATION**

Dr. Rodenburg brought up the topic of volatilization, and asked whether the synoptic survey could be modified to address this. Volatilization is the missing piece. The sampling above and below Upriver Dam (proposed as part of the expanded 2022 synoptic survey) will help provide a better sense of volatilization rates for PCB TMDL.

### **Take Aways and Next Steps**

- Dave to add geographic bounds to magnetometer survey budget rationale and send to TF for posting today
- Lisa to send out 2 reports discussed today for review and comment by March 31. Send comments to Dave and Lisa. Dave will create new, redlined versions for TTWG review on April 20. TTWG to vote to approve both reports for recommendation to the TF .
- Rough scopes and budgets for low flow priority projects will be prepared for review at the April 20 TTWG meeting

