

SRRTTF, Tech Track Work Group Meeting March 15, 2023 Meeting Summary

Meeting Materials– Posted under TTWG Meeting materials on TF website :

1. PDFs of presentations: MissionReach_GSI_ConceptualScope, GE_GSI_Conceptual Scope
2. SOW for Additional Groundwater Flow Direction Evaluations_March15_2023_Draft_Addendum
3. MissionReach_GSI_ConceptualScope_03152023

ACTION ITEMS IN RED below

Attendees

Brandee Era-Miller, WA Dept of Ecology
Dave Dilks, LimnoTech
Lisa Dally Wilson, Dally Environmental
Jeremy Schmidt, WA Dept of Ecology
Sandy Treccani, WA Dept of Ecology
Mike Anderson, City of Coeur d’Alene
Bryce Robbert, Avista

Annie Simpson, WA Dept of Ecology
Brian Nickel, USEPA
Brent Downey, Kaiser
Pat Blau
Alyssa Gersdorf, City of Post Falls
Joyce Dunkan, LimnoTech
Robert Mott, Mott Consulting
Gary Jones, Printing United

Summary Notes

Next Meeting: 2 Meetings in next month. Hold March 28th , 9:30 – 11:30 am Pacific, as tentative. If we get data in, will confirm. April 18th , 10 am - noon

Current Project Updates (Dave Dilks)

- Groundwater flow direction study
 - Underway - discussed on upcoming slides
- Expanded synoptic survey (pluscatch basins and artesian well)
 - Monitoring completed, waiting on lab results, **First set of lab data arrived this week!**
- Sediment/biofilm
 - Monitoring completed, waiting on lab results
- Long term water column trend assessment
 - Low and **moderate flow monitoring completed**, waiting on lab results
 - **Draft QAPP for high flow monitoring submitted to Ecology**
- Fish tissue trend assessment
 - Sampling completed by WDFW, waiting on lab results
- GE fingerprinting
 - Waiting on 2022 synoptic survey lab results

Dave talked to SGS-AXYS, First 9 samples are back. SGS-AXYS Agreed data would be released prior to final QA/QC Lab Validation packages.

Pat Blau suggested looking at longer term trend for fish tissue. He mentioned data from the 90's. 2012 decadal fish report from Ecology discusses 1990 data, 1993 data (Suckers) .Mentioned sediment cores in Lake Roosevelt shows PCBs over time. Also set of core data from Upriver Dam pre- and post- PCB manufacturing.

Groundwater Flow Direction Study

See ppt presentation. Review existing MW elevation data near Mission Reach (identified 20 sites with data and assess Hamilton Street river and monitoring well elevation data). If data are sufficient, develop a conceptual model (CSM) of groundwater flow direction. Two parts of this study: Focus on Hamilton Street area and broader, larger scale conceptual model. It appears unlikely that data are sufficient to develop a rigorous conceptual model. LimnoTech will need 10K additional to complete the work without developing a conceptual model (alternative to Task 3 and 4 of original scope of work). Two tasks: Complete report with very limited conceptual site model and investigate the anomaly from Hamilton Street data logger provided by the county, including coordination with Avista regarding water levels. TTWG approved additional 10K to complete Groundwater Flow Direction Study.

Additional discussion during this agenda item wandered to source identification. Consider Stormwater from City Parcel site, Urban waters group. Where was outfall?. Just downstream of Biofilm site, Union Gospel Mission. Note: additional research regarding the City Parcel PCB Cleanup Site yielded the following from the City's Stormwater Plan:

"The City Parcel PCB Cleanup Site was formerly owned by Spokane Transformer, whose transformer repair and recycling activities contaminated site soils with PCBs ... The basin immediately downstream of the site is a drywell with an overflow structure that connects to the storm sewer system, which had a PCB sediment concentration of 3,285 ppb. The City inserted a plug into the overflow pipe, effectively disconnecting the City Parcel site's stormwater from directly entering the storm sewer system"

Inland Metals site also in this vicinity. May want to ask Inland Metals for well information. Consider Public Records request.

Update on Planned SRRTTF Presentations at Spokane River Forum

Dave cannot attend, but could put together a high level presentation. Brandee cannot attend but has a talk prepared for Ecology on her take of last 10 years in the Spokane River. Lisa could present. Lisa will attend the Forum and can pull together a presentation from these separate materials.

Summary Scopes of Work

- Sampling at Spokane River/groundwater interface downgradient of GE site, including optional tasks for:
 - Sampling of downgradient GE wells located on public property

- Sampling of groundwater seeps
- Sampling at Spokane River/groundwater interface near areas of observed Mission Reach biofilm contamination

Both summary scopes of work approved by the TTWG.

Dave Dilks is recommending that the TF does not have LimnoTech prepare detailed scopes of work. There will be no budget request for detailed scopes of work. There are too many uncertainties and unknowns to accurately scope and cost the work. No budget request for detailed scopes of work.