

SRRTTF SWAT Team Updates/Expenditures Overview

Hydroseed SWAT Team: The group has given the lab AXYS the green light to proceed with analysis of the hydroseed samples. The samples (3 different manufactures) contain solids and liquid, and will be analyzed using a modified method which makes the cost \$475/sample. They are using the city Quality Assurance Project Plan that was previously used for product testing, with an addendum. Total cost is dependent on number of samples. Note: since the conclusion of this meeting, the estimate has been altered due to changes in the suppliers participating in the analysis. The total cost is \$9,975.

Vactor Waste SWAT Team: The group is all done with sample collection and they are now at the lab. The samples are both solids and liquid. The QAPP includes 9 samples using 1668C method at a cost of \$785/sample, and 6 samples using modified 8270 method at \$460 per sample. (Total estimated cost is \$10,125 including shipping costs.)

Hatchery Fish Meal SWAT Team: The group recently visited the Little Spokane Fish Hatchery. A study of hatchery fish meal could be done through the little Spokane Fish Hatchery Case Study that has been approved as a project for the Environmental Assessment Program (EAP).

Flow Gage SWAT Team:

- **Green Street Gage:** The Administrative and Contracting Entity (ACE) is contracting with Spokane Community College for \$9,200 to install and operate this gage in coordination with the United States Geological Survey (USGS); an additional \$2000 is needed to update the gage rating curve.
- **Trent Bridge Gage:** The Trent gage is no longer operational (funding ran out). This is a significant gage, downstream from gaining reach from Barker. To effectively quantify this reach, the gage will be needed. This gage will require approximately \$19,880/yr to operate and maintain. (Recommended by LimnoTech if the Task Force decides to implement dry weather sampling at the Barker to Trent reach)
- **Nine Mile Gage:** This gage needs to be re-installed. The anticipated cost is \$25,000 to purchase and install the gage and update the rating curve. O&M would cost approximately \$19,880/year. The group is looking for a funding agency/partner for this gage. Avista indicated some willingness to participate in this gage; however they need to clarify if this participation is in installation or O&M. (Recommended by LimnoTech only if the Task Force decides to proceed with a wet weather mass balance. Note: a wet weather mass balance assessment was not recommended by LimnoTech based on the high level scoping)

*Rob Lindsay is looking into the potential for partnering on the Trent and Nine Mile gages with AVISTA, USGS, SCC, and SCCD. AVISTA has said that they will pay for annual operations at the Nine Mile Gage if another entity pays for installation; however they have no interest in partnering on the Trent Gage. The Trent Gage will not be a good candidate for SCC monitoring due to access. USGS can do individual flow measurements at a cost of \$700 per event at the Trent Gage.

Data Management Swat Team: The group is collecting information about the different database options and should have an update in June. This takes advantage of some similar work that is happening on the Duwamish. LimnoTech agreed to start working on a needs assessment. There are no work costs proposed to report at this time

Outreach SWAT Team: The Education and outreach team has met two times, and will continue to meet the first Wednesday of each month at RiverKeeper. There is no work cost proposed at this time.

Project	Expenditures to Date	Proposed Expenditures
<i>Hydroseed</i>	\$9,975	
<i>Vactor Waste</i>	\$10,125	
<i>Hatchery Fish Meal</i>	0	
<i>Flow Gage</i>	0	
<i>-Green Street Gage</i>	\$9,200	\$2000 (update rating curve)
<i>-Trent Avenue Gage</i>		\$19,880/year (O&M)*
<i>Alternative- Trent Avenue Gage (individual flow measurements)</i>		\$700/per event
<i>-Nine Mile Gage</i>		\$25,000 (Installation)*
		\$19,880/year (O&M)*(AVISTA to Pay for)
<i>Data Management</i>	0	0
<i>Outreach</i>	0	0

*Avista, USGS, SCC and the SCCD? Rob Lindsay looking into the potential for partnering on the Trent gage and Nine Mile gage to cover monitoring, operations and maintenance, and/or installation costs.