

Monday, October 15, 2012

I wanted to give you both a quick update that you can take back to the SRRTTF:

- Ecology was very successful with fish collection that past few weeks. Forwarded is an update from Keith Seiders. We expect to have more fish from the upper Spokane Arm in the next week or so. Keith and I will be further developing our lab analyses plan in the next several weeks. We will be working with the Spokane Tribe of Indians (STI) to determine the exact analyses at the sites they requested to be added to our sampling plan (Stateline, Little Falls pool, and upper Spokane Arm). We are happy to take input from the SRRTTF as well.
- I am traveling to Spokane tomorrow with Dale Norton to deploy sediment traps at Upriver Dam and Ninemile Dam. These traps will be deployed for up to 3 months. Adrian Borgias and Marcie Mangold from Ecology will be assisting with deployment.
- During the week of October 22, Ecology will be testing out the CLAM (continuous low-level monitors) at Upriver Dam and Ninemile Dam. They are deployed for approximately 28 hours at a time and are a type of pre-concentration method, so hopefully we will be able to get detections of PCBs, PBDEs, and dioxins/furans. We are doing a lot of QA sampling as this is a new technology. We will also collect whole water samples at Upriver Dam, Ninemile Dam, Stateline, above Latah, and above Chamokane.
- Pacific Rim Laboratories (Dave Hope) received the contract bid for the CLAM, whole water, and particulate (sediment trap) samples. The fish tissue RFQQ will likely go out for bid in the next two weeks.
- The draft QAPP should be ready for review by the end of October.

Thanks,

Brandee Era-Miller

## Spokane River Fish Samples 2012: Number of Fish Collected by Site and Species.

RM	Site	LSS	MWF	RBT	NPM	other 1	other 2
95 – 96	Stateline	35	-	-	-	-	-
81 – 86	Upriver Dam to Plante Ferry	52	-	27	5	-	-
75 – 77	Mission Park	41	27	26	-	-	-
60 – 64	Ninemile	37	38	16	-	-	-
52 – 56	Upper Long Lake	38	45	3	3	-	-
32 - 34	Little Falls Pool	36	-	-	27	-	-
20 - 29	Upper Spokane Arm	3	?	?	?	?	?

### Notes

LSS: Largescale sucker

MWF: Mountain whitefish

RBT: Rainbow trout

NPM: Northern pikeminnow

collections by STI continue at Upper Spokane Arm site (as of 10/8/12)

Sample formation and analysis plan to be determined after fish collections are completed.

Composite samples for each species at each site will be formed from 3-5 individual fish

Samples will be analyzed for some or all of following: PCBs, PBDEs, metals, dioxins/furans

Samples will be used to meet as many objectives as possible:

- Temporal comparison to historical and future data
- Spatial comparison within this 2012 effort
- Health risk assessment by Health
- Spatial comparison with other sites across Washington