

Idea from Brian Nickel"

"Perform a PCB mass balance assessment in the Spokane River in the Spokane gage/Nine mile segment. Collect dry weather flow data and surface water samples from these two locations to better determine the influence of the gaining reach in the area. This work would also have value in providing data for long term monitoring purposes. Estimate \$50K"

However, I would want to expand it to cover the reach from Greene Street to the Spokane gauge as well (which, would, of course, increase the cost estimate).

In general, I'm skeptical about more in-river sampling. I'm not necessarily opposed to it, but it should have a very clear objective. I'd rather design monitoring with a goal of discovering additional sources rather than fine-tuning our understanding of known sources. We have the new draft report from LimnoTech which is an additional line of evidence that the GE and Kaiser sites are contributing to river loads in the Mirabeau to Trent and Trent to Greene reaches. Further in-river monitoring of those reaches (and upstream from Barker Road, where concentrations are consistently low) doesn't seem like it will give us much new information.

The Greene to Spokane reach has been studied, but the incremental loads observed in the Greene to Spokane reach were not as consistent between 2014 and 2015 as they were in the Trent to Greene reach. It would be nice to have another data point to help us understand the groundwater loading into the Greene to Spokane reach, with the ultimate goal of finding and controlling the source(s) of that load.