

Sediment Sampling Objectives

- 1) To develop a method which will standardize [Hg] to various sediment characteristics including percent fines and TOC;**
- 2) To use the method to compare to historic sediment sampling events;**
- 3) To determine [Hg] in previously unsampled areas, including stream channels and cobble beds.**

Potential Methodology

- 1) Use McNeil gravel sampler to collect coarse and fine sediments at sites less than 0.5 m deep.**
- 2) Collect initial samples at historic collections sites along with bank sampled using previous methodology, to provide comparisons between methods.**
- 3) Replicate as necessary to determine variability in stream bed. Goal is to be able to predict Hg concentrations in sediments based on stream bed morphology.**
- 4) Investigate alternative methods using filtering or pumping**

