Supplement of Biogeosciences Discuss., 11, 7521–7540, 2014 http://www.biogeosciences-discuss.net/bgd-11-7521-2014/doi:10.5194/bgd-11-7521-2014-supplement © Author(s) 2014. CC Attribution 3.0 License.





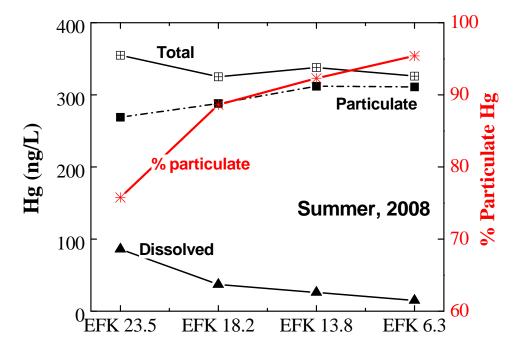
Supplement of

X-ray fluorescence mapping of mercury on suspended mineral particles and diatoms in a contaminated freshwater system

B. Gu et al.

Correspondence to: B. Gu (gub1@ornl.gov)

Supplementary material 1 – Dissolved and particulate mercury (Hg) distributions in the contaminated East Fork Poplar Creek (EFPC) in Oak Ridge, Tennessee. The majority of Hg is associated with suspended particles (>0.45 μ m), and the particulate bound Hg increases downstream from the contamination source.



Supplementary material 2 – Scanning electron microscopy backscattering elemental maps of a typical diatom collected from EFK23.5 site.

