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Supplement of

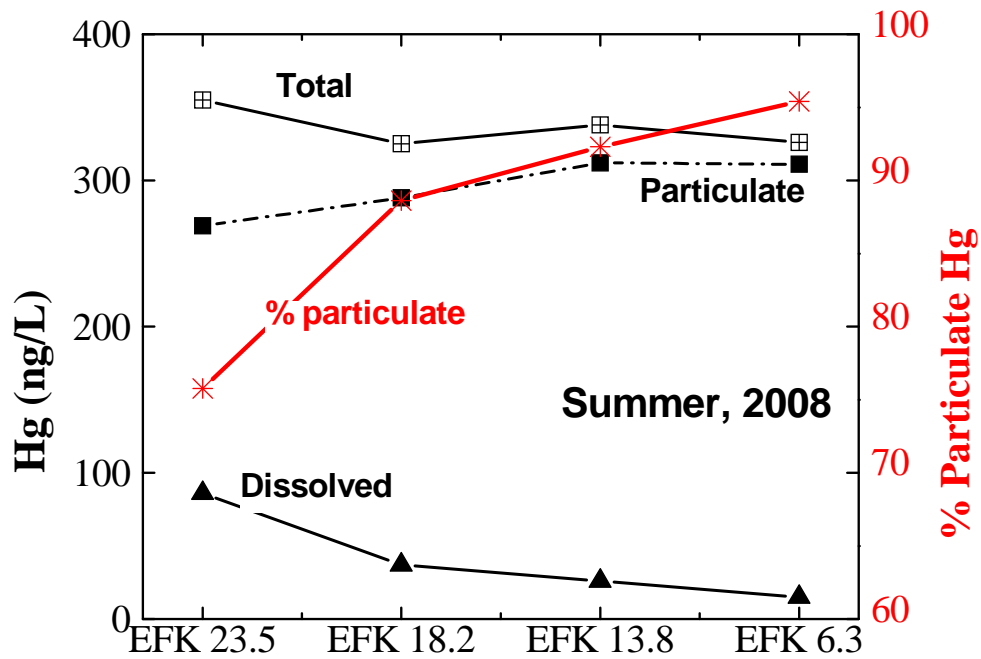
X-ray fluorescence mapping of mercury on suspended mineral particles and diatoms in a contaminated freshwater system

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Supplementary Material

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 ($>0.45 \mu\text{m}$), 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.

