



### Size Fractions

### Composition

- < 1 kDa      truly dissolved (Hg<sup>2+</sup>, Hg-LMW-DOM)
- 1 kDa - 6 nm      Humic substance type (Hg-DOM)
- 6 - 25 nm      undef. Hg colloids (inorganic; e.g. HgS<sub>(s)</sub>)
- 6 - 450 nm      NA
- 30 - 450 nm      clay-protein-metal complexes (mixture)