

Supplementary Information:

In situ speciation of dissolved inorganic antimony in
surface waters and sediment porewaters: development
of a thiol-based diffusive gradients in thin films
technique for Sb^{III}

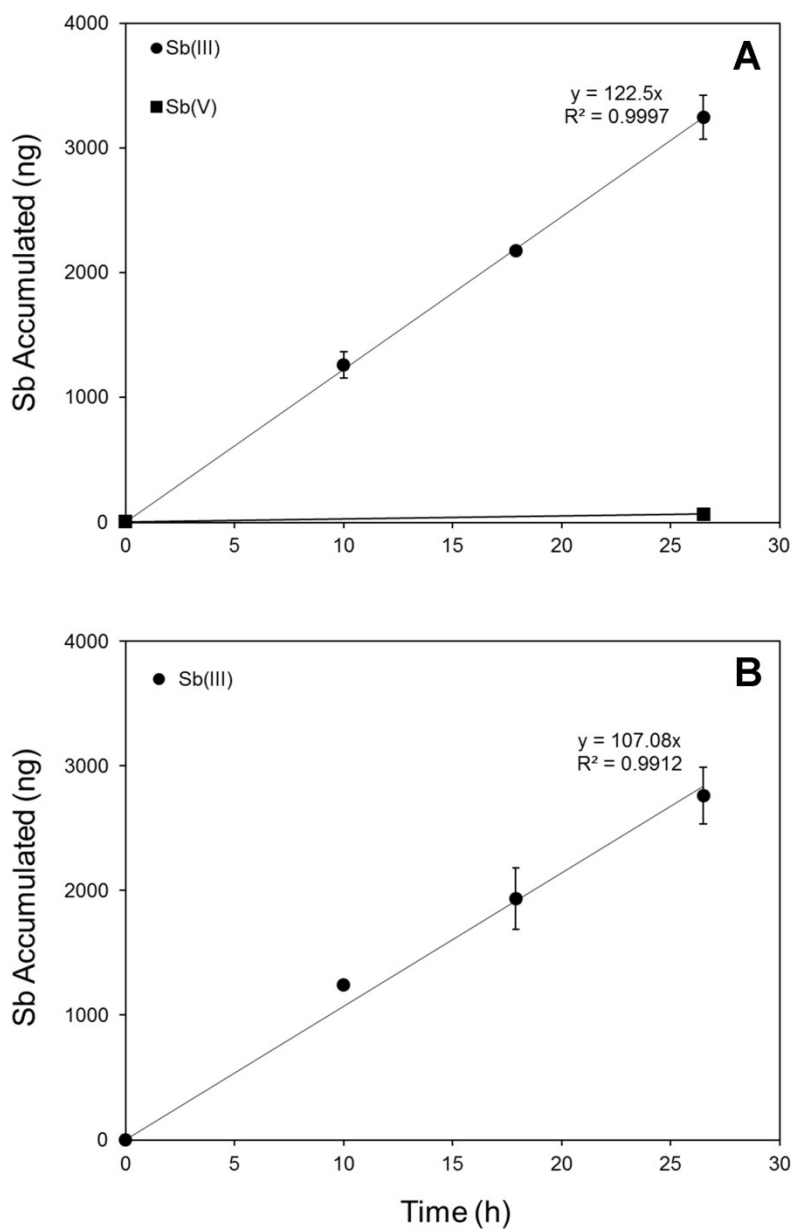
*William W. Bennett**, Maja Arsic, David T. Welsh and Peter R. Teasdale

Environmental Futures Research Institute, Griffith School of Environment, Griffith University, QLD
4215, Australia

*Corresponding Author: w.bennett@griffith.edu.au

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24 **Figure S1. Accumulation of antimony over time by mercapto-silica DGT samplers (A) or**

25 **Metsorb DGT samplers (B), deployed in either Sb^{III} (closed circles) or Sb^V (closed squares)**

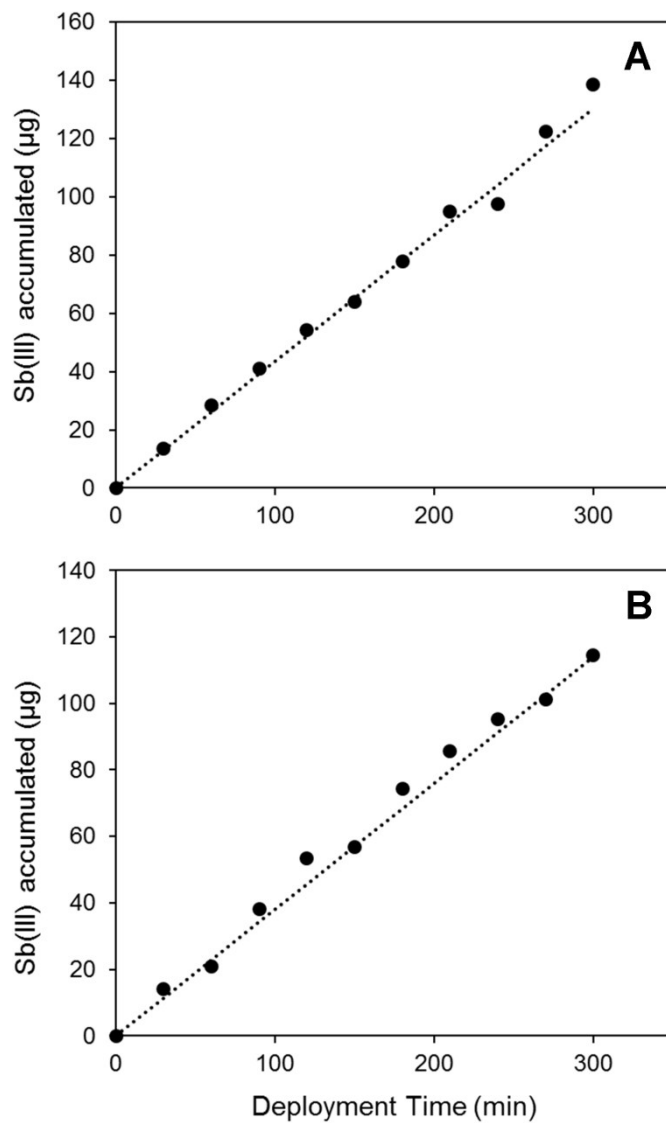
26 **solution. Error bars represent ± 1 standard deviation from the mean (n=3).**

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32 **Figure S2. Linear accumulation of Sb^{III} by mercapto-silica DGT (A) and Metsorb DGT (B),**

33 **showing capacities > 100 µg per binding layer disc. The dotted line represents the theoretical**

34 **accumulation predicted from the DGT equation.**