

**Supplementary material**

**Volatile selenium fluxes from selenium-contaminated sediments in an Australian coastal lake**

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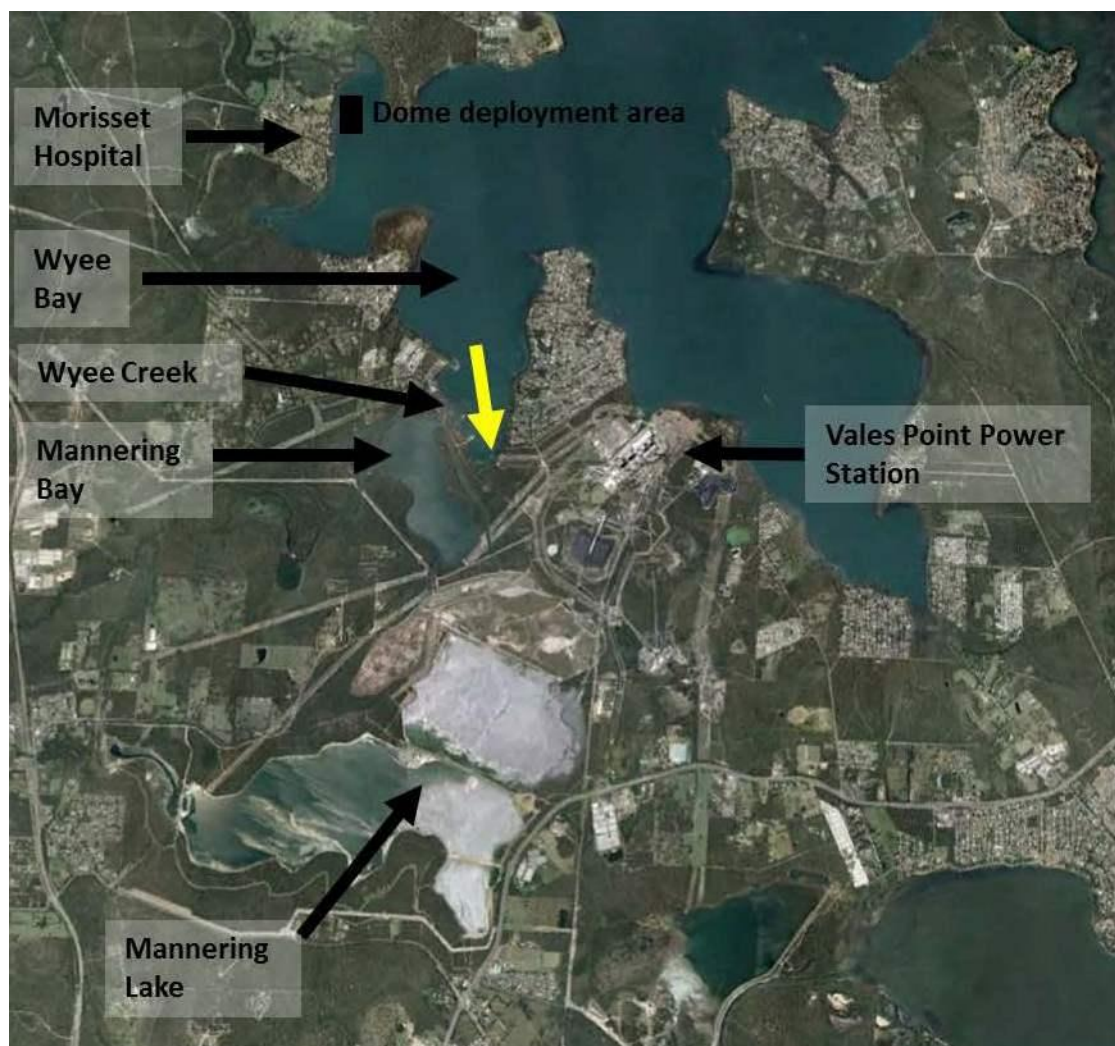
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**Fig. S1.** Google Earth image of the area near the Vales Point Power Station and the surrounding bays. The yellow arrow indicates the cooling water discharge point. Reproduced under paid licence from Google Earth Pro.

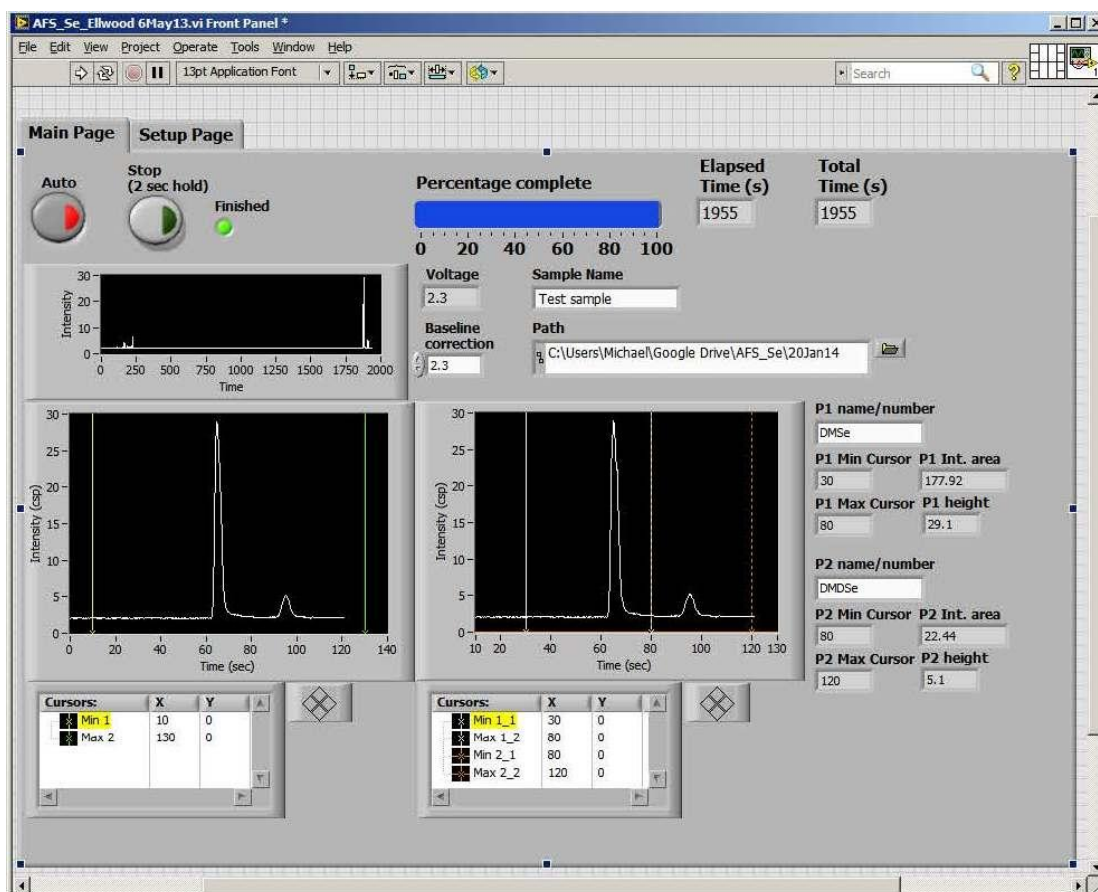


Fig. S2. Screen shot of the *LabVIEW*-based software used to control the automated cryogenic trapping system and for signal processing from the AFS.

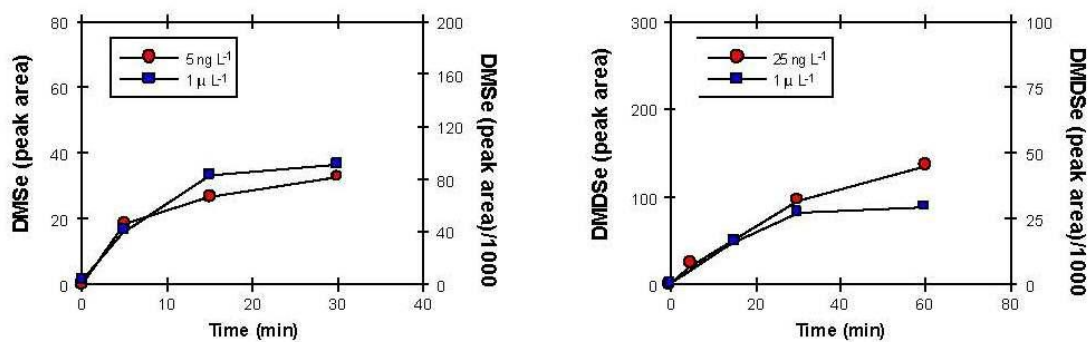


Fig. S3. Optimisation of DMSe and DMDSe purge times at low and high concentrations.