- 1 Supplementary Table 1 Sample collection information, as well as helium and
- 2 carbon isotope data. X-values represent air-normalized ⁴He/²⁰Ne values (considering
- 3 solubility in water for fluid samples²³), which are used to determine air-corrected
- 3 He/ 4 He values (R_C/R_A) of the samples²⁴. CO₂/ 3 He is calculated using raw He-isotope
- 5 values (R/R_A) .
- 6 **Supplementary Table 2** Sample location information, cell counts and polycyclic
- 7 aromatic hydrocarbon (PAH) data.
- 8 **Supplementary Table 3** Flux calculations used in the text and to make Figure 4.
- 9 **Supplementary Table 4** Water chemistry data, PhreeqC calculations and saturation
- index (SI) values.