Electronic Supplementary Material (ESI) for Environmental Science: Atmospheres. This journal is © The Royal Society of Chemistry 2023



**Figure S1:** (a) Experimental field site where the black boundary represents the field site which compromises of two paddocks, paddock 10 and 11, and the grey square marks the location of the eddy covariance tower. Image sourced from Google Earth (<u>https://earth.google.com/web/</u>). (b) The flux footprint of the EC tower calculated using the footprint model outlined in Kljun et al. (2015). The footprint contour lines represent 10–90% of the flux source in 10% increments. The axis represents distance (metres) from the EC tower (black cross).