Supplement of

Impact of exhaust emissions on chemical snowpack composition at Concordia Station, Antarctica

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**Supplement Figure S1.** Data from manuscript Figure 9, with the two types of samples (snow pits in proximity ($\approx 20$ m) to the snow towers (orange), and sampling locations up and downwind of Concordia (blue)) combined and binned in 15 cm depth intervals. Error bars depict the 1-$\sigma$ standard deviation of available data within each bin.

**Supplement Figure S2.** Seasonal cycle of nitrate in skin layer surface snow collected at Dome C three times per week during October 2012 - January 2014.