

**Supplementary Table:** Abbotsford-Sumas analytical results: date (dd/mm/yyyy), well ID, water table elevation (meters above sea level), chloride concentration (mg L<sup>-1</sup>), nitrate concentrations (mg N L<sup>-1</sup>) and isotopic composition of nitrate ( $\delta^{15}\text{N}$  and  $\delta^{18}\text{O}$ ).