Lecture 14 prep: Concentration cells

See chapter 16

Calculate the voltage ($E$) of a concentration cell constructed with $Q$ corresponding to the $\text{Cl}^-$ concentration difference between sea water and river water at 25 °C. Assume that the $\text{Cl}^-$ concentration (due to dissolved NaCl) of sea water is 35 g/L and than that of river water is 1.0 mg/L.