

Supporting Information Cover Sheet

Author: Jiankang Wang and James Farrell

Title: Investigating the Role of Atomic Hydrogen on Chloroethene Reactions with Iron using
Tafel Analysis and Electrochemical Impedance Spectroscopy

Total pages: 2

Total Figures: 2

Figure S1

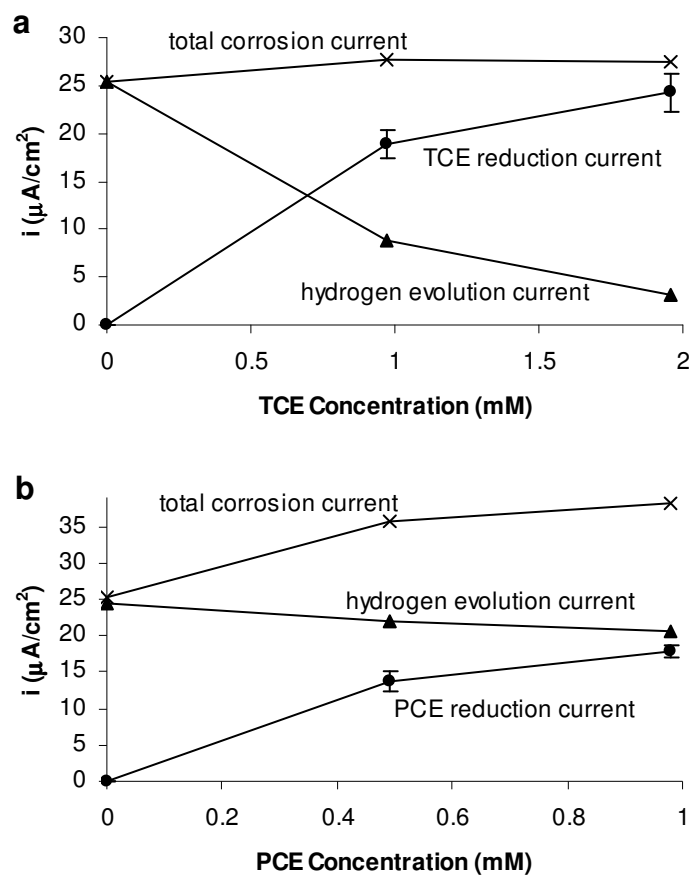


Figure S1. Corrosion current densities (i) and current densities for hydrogen evolution, TCE (a) reduction, and PCE (b) reduction at a pH value of 3 in potassium sulfate electrolyte solutions. Error bars on the currents for TCE and PCE reduction represent 95% confidence intervals.

Figure S2

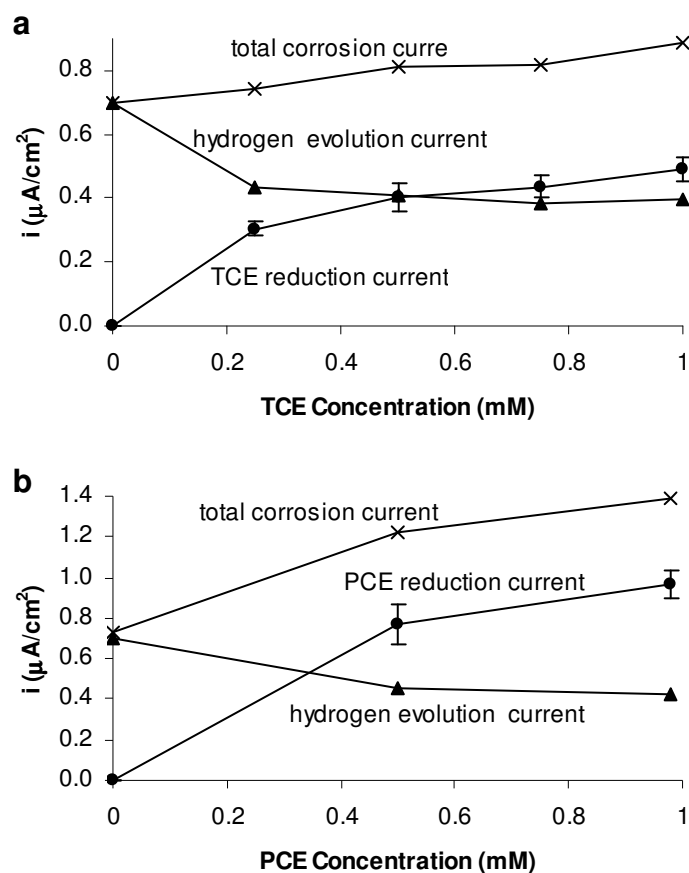


Figure S2. Corrosion current densities (i) and current densities for hydrogen evolution, TCE (a) reduction, and PCE (b) reduction at a pH value of 7 in potassium phosphate electrolyte solutions. Error bars on the currents for TCE and PCE reduction represent 95% confidence intervals.