

Date: September 10, 2015

### **Supporting Information**

#### **A Liter-scale Microbial Capacitive Deionization System for the Treatment of Shale Gas Wastewater**

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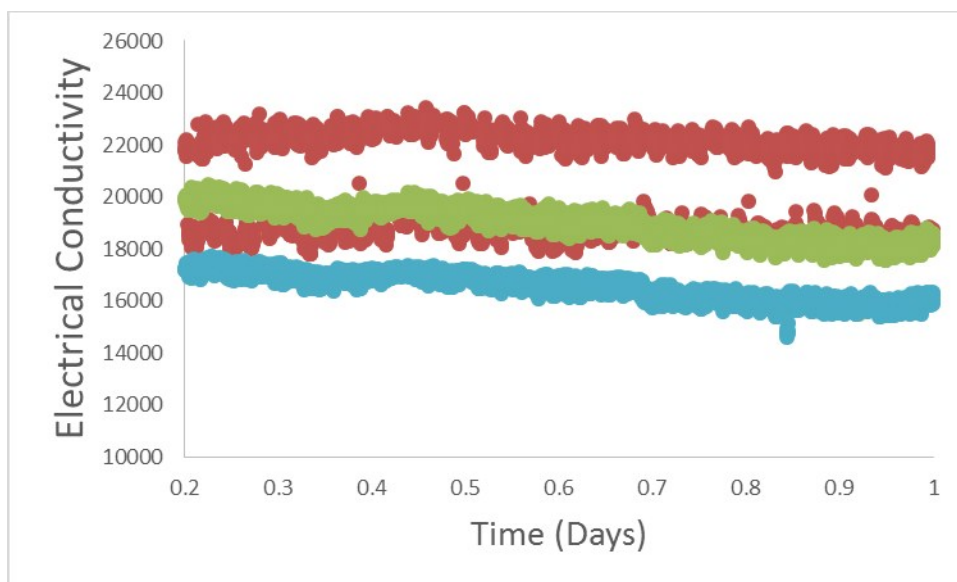


Figure S1. Change in conductivity ( $\mu\text{s}/\text{cm}$ ) for anode, desalination and cathode chamber over the course of a day. Red icons are for desalination/regeneration of the desalination chamber, Green is for Cathode chamber and Blue correlates to the anode chamber.