

## SUPPLEMENTARY DATA

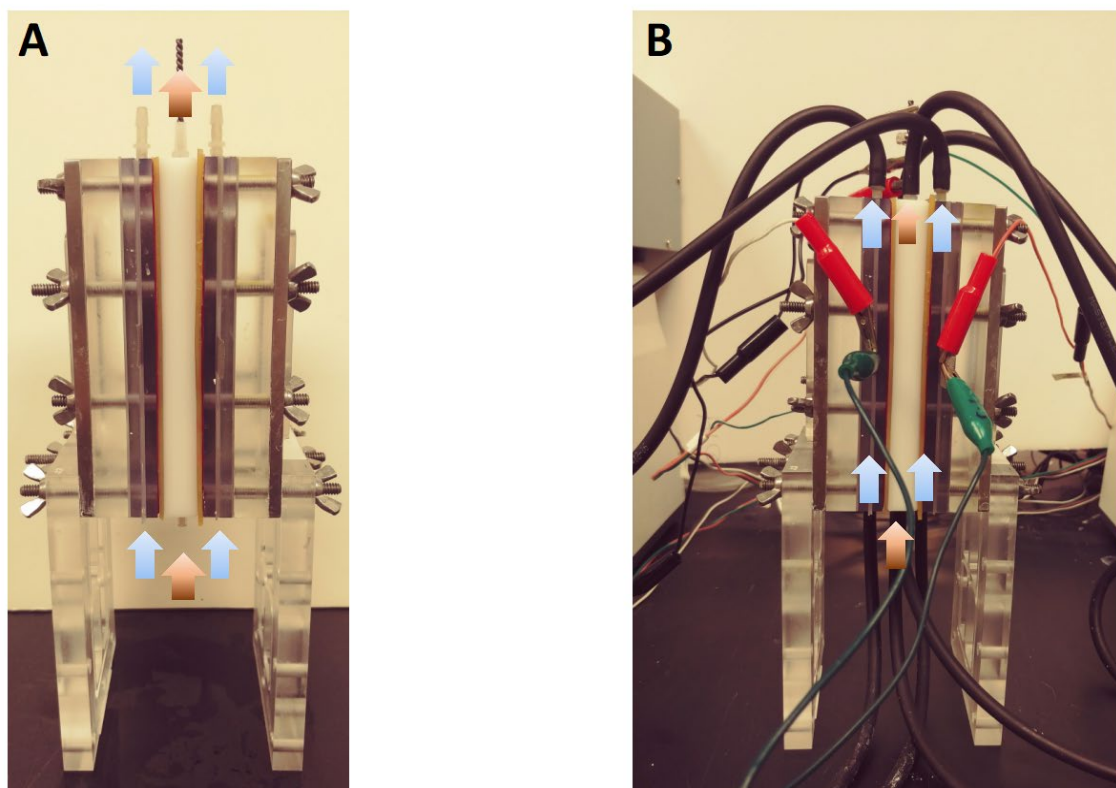
### **Improving microbial electrolysis stability using flow-through brush electrodes and monitoring anode potentials relative to theoretical minima**

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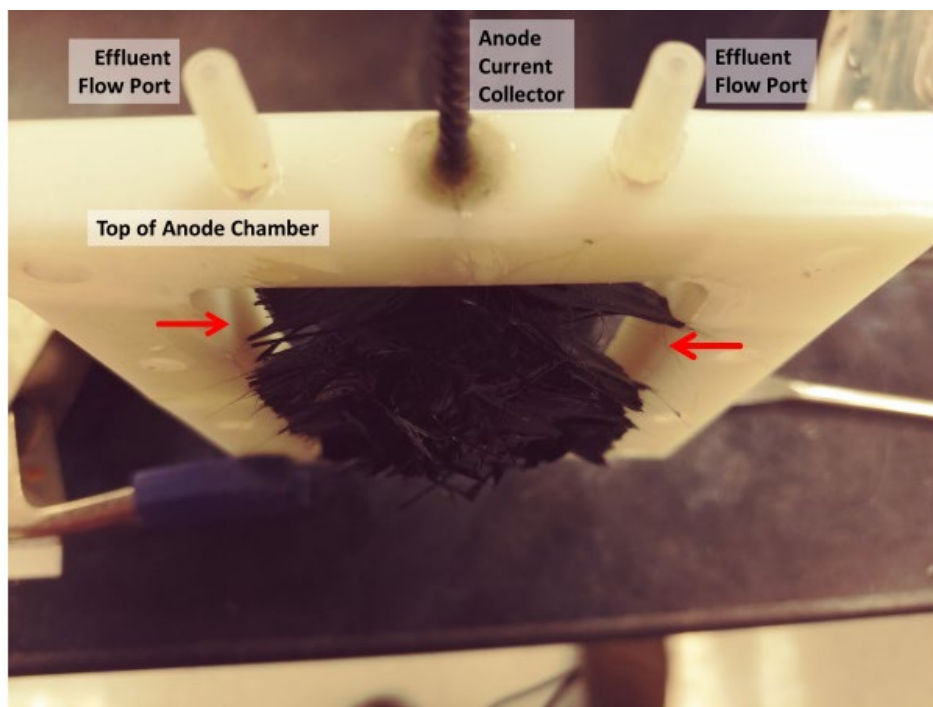
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*Fig. 1.* The front face of the single 5.5 cm diameter graphite brush anode MEC before (A) and after (B) setup for operation.



*Fig. 2.* The setup for operation of the single 5.5 cm diameter graphite brush anode MEC.



*Fig. 3.* A top view of the anode chamber of the 5.5 cm diameter graphite brush anode MEC when the anode was extracted on day 71 of operation. The red arrows indicate visible formation of preferential flow paths within the brush fiber matrix.