## **Supporting Information**

## Porous Silicon's Photoactivity in Water: Insights into Environmental Fate

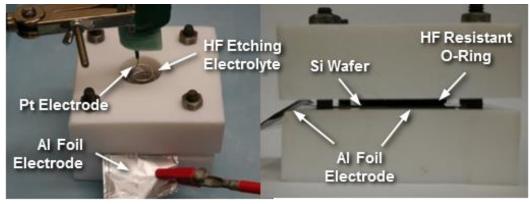
Kyle J. Moor, <sup>1</sup> Ezra L. Cates, <sup>2,\*</sup> Jae-Hong Kim<sup>1,\*</sup>

Number of pages: 3

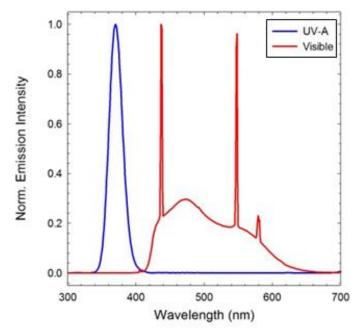
Number of figures: 3

<sup>&</sup>lt;sup>1</sup> Department of Chemical & Environmental Engineering, School of Engineering & Applied Science, Yale University, New Haven, CT, 06511

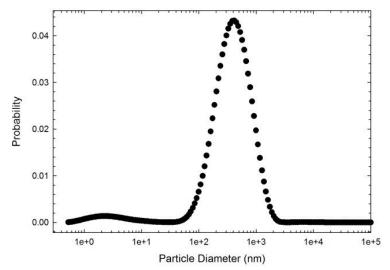
<sup>&</sup>lt;sup>2</sup> Department of Environmental Engineering & Earth Sciences, College of Engineering and Science, Clemson University, Clemson, SC, 29634



**Figure S1.** Photographic images of the etch cell used for pSi preparation.



**Figure S2.** Emission spectra of visible (red line) and UV-A (blue line) source lights used for photochemical experiments.



**Figure S3.** DLS size distribution for a representative aqueous pSi sample.