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Supplementary information

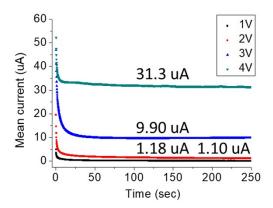


Figure S1. Ion current trace for 250 seconds flowing in the system from 1 to 4 V. The displayed number is the average value of the current flowing during the last 30 seconds.

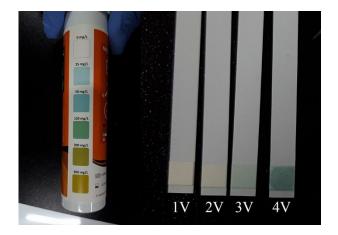


Figure S2. Simplified test strip results for HOCl detection. Reactive chlorine ions were detected at a concentration higher than 25 mg/L at 3 and 4 V, but not at 1 and 2 V.