

Jerod Gray

Research Technician

Southern California Coastal Water Research Project

Education

B.S., civil engineering, California State University, Fullerton, 2024

Professional Experience

Research Technician, Southern California Coastal Water Research Project. Costa Mesa, CA. 2023-present

Laboratory Assistant, Southern California Coastal Water Research Project. Costa Mesa, CA. 2023

Journal Articles

Tiernan, E.D., J. Gray, D. Nguyen, B. Shi, M. Wang, K. Dunn, J. Peng, D. McCarthy, E. Fassman-Beck. 2026. Automated detection of illicit discharges in storm drains using a distributed network of low-cost IoT sensors. *Urban Water Journal* DOI:10.1080/1573062X.2026.2641088.

Xin, D., J. Gray, T. Zabala, A.P. Davis, E. Fassman-Beck. 2025. Impact of Media Properties on Dissolved Copper Sorption in Stormwater Biofiltration. *ACS ES&T Water* DOI:10.1021/acsestwater.5c00680.

Tiernan, E.D., J. Gray, L.S. Beck, E. Fassman-Beck. 2025. Design of a Mobile, Field-Scale Rainfall Generator for Urban Runoff Water Quality Studies. *Journal of Irrigation and Drainage Engineering* DOI:10.1061/JIDEDH.IRENG-10507.

Technical Reports

Fassman-Beck, E., D. Xin, S. Sauers, D. Nguyen, J. Gray. 2026. Field Monitoring of Microplastics

Loading and Accumulation in Biofiltration Best Management Practices. Technical Report 1457.
Southern California Coastal Water Research Project. Costa Mesa, CA.