

# Waterfront civil engineering: Internship at Watermen LLC

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## **Abstract**

During my internship at Watermen, through work on waterfront development projects, I gained practical experience in coastal engineering, permitting, and geospatial analysis. My responsibilities included prepping permit requests for waterfront projects in Autodesk Civil 3D, where I created technical drawings, sourcing and importing sounding and tidelands claim data, and added required engineering notion and project details. I contributed to environmental assessments, including work related to the Riverside Industrial Complex in PA. I also assisted in bid tabulations, budget estimation, and project proposals. This internship strengthened my technical drafting, data analysis, and project management skills while providing valuable insight into the environmental and regulatory processes involved in coastal and marine engineering projects.

## **Index Terms**

civil engineering, Watermen LLC, internship, waterfront development, coastal engineering, geospatial analysis, permitting, project management, data analysis, environmental, regulatory, marine, waterbending, earthbending, Riverside Industrial Complex