

Kyle Twombly

98 Tuscany Lane, Webster NY 14580

Cell: 585-748-6778

twombly.kyle@gmail.com

Summary

A dynamic and results-driven Geologist/Civil Engineer with a combined eight years of demonstrated work experience within the Civil and Environmental Engineering industry and a drive to succeed. Proficiency in technical, analytical and communication skills. Possess a strong commitment to continuous learning and adapting to new technologies and software to streamline project milestones and goals. Adept in construction inspection services, project design, and environmental investigation practices to gather information for preparing technical reports. Strong background across civil, environmental and geotechnical engineering disciplines.

Skills

- Construction Inspection Services
- Water Main and Sanitary Design
- Risk Assessment and Mitigation
- Report Preparation and Analysis
- AutoCAD/Civil 3D, HydroCAD, HEC-RAS, and Microsoft Office
- Project Management
- SWPPP Certified
- Cost Estimations and Proposals
- Dam Safety Analysis
- Expertise in Functioning on Multidisciplinary Teams

Experience

CPL March 2022 to present

Project Engineer

Fairport, NY

- Enhanced skills in AutoCAD/Civil 3D to streamline workflows to design water and sanitary mains for multiple municipalities in Western New York
- Experienced in hydraulic modeling with WaterGEMS to determine optimal pipe size and composition for the project while remaining cost effective
- Skilled construction inspector ensuring the project design criterion are met and satisfactory to client, state and federal entities where applicable
- Collaborated with local municipalities, counties, and New York State to ensure all regulations and design criteria were met for project needs
- Assisted in state and federal grant applications for municipalities resulting in over \$2 million of awarded grant money

Langan Engineering & Environmental Services

October 2015 to February 2021

Senior Environmental Engineer

New York, NY / New Haven, CT

- Established working knowledge of Langan's Civil, Geotechnical and Environmental engineering technical disciplines
- Developed expertise in construction documentation and oversight
- Strengthened Phase II Environmental Site Investigation, Remedial Investigation and Waste Characterization field work skills

- Implemented complex remedial investigations and construction oversight at Hudson Yards and Greenpoint Landing – Parcel F1 and G1 that led to successful environmental remediation and protection of large, multi-acre land parcels

Calcagni Real Estate

March 2021 to May 2022

Realtor

Southington, CT

- Communicated with clients effectively to identify their needs and budget and suggest properties that met their criteria
- Assisted clients in navigating the current complex real estate market in order to ensure the best deal

Education

University of Connecticut

August 2010 to May 2014

Bachelor of Science: Geology

Storrs, CT

- Related coursework in engineering geology, environmental engineering and structural geology
- 3.260/4.000 GPA

Memberships

- Member, Engineers Without Borders
- Member, American Institute of Professional Geologists
- Member, Institute of Hazardous Materials Management

Civil Engineering Project Experience

CPL

Pembroke Water District 4 Design

Pembroke, NY

- Designed over 100,000 feet of new water main for the Town of Pembroke
- Assisted in preparing a Creek Crossing Report for water main sections to be installed in New York State Department of Environmental Conservation designated wetlands

HP Hood

Batavia, NY

- Provided construction inspection services for a 2,000-foot water main installation for HP Hood
- Prepared as-built and final engineering drawings for the County Water Authority when construction was completed
- Prepared daily work progress reports

Environmental Engineering Project Experience

Langan Engineering & Environmental Services

Greenpoint Landing – Parcel F1 and G1

Brooklyn, NY

- Assisted with geotechnical support of excavation documentation with concrete support piers and sheet pile walls
- Conducted weekly stormwater pollution prevention work plan inspections
- Oversaw and documented the removal of six hazardous lead hotspots
- Drafted the final engineering report for the project after the building foundation had been completed