



## HUDSON INTERNATIONAL CONSULTANTS AND ENGINEERS

### **Kenneth A. Svolto, P.E.** **Sr. Engineer & Building Consultant**

Mr. Svolto is a professional engineer with experience in estimating, project management, demolition, decommissioning, and construction oversight within the civil, environmental, and residential construction industries. Prior to his engineering career, Mr. Svolto served eight years in the military as an army counterintelligence agent where he became proficient in investigations, report writing, interviews, and intelligence collection. He maintained a Top Secret/Sensitive Compartmented Information level clearance until his honorable discharge in 2012. After his military service, Mr. Svolto completed his Master of Science in Civil/Environmental Engineering from Carnegie Mellon University.

His field experience includes working on the North Slope of Alaska within the oil and gas industry; remediating contaminated soil and groundwater impacts in NY, NJ, PA, DE, and VA; assessing storm damage within Region III for FEMA; and managing projects for demolition, decommissioning, and residential renovations. This experience includes site development, permitting, regulatory compliance, cost/revenue forecasting and contract fulfillment. He has a proven track record in team building, crew management, contractor supervision, geotechnical and environmental reports, plans & specifications, and safety compliance.

Mr. Svolto has extensive preconstruction and estimating experience with the nation's largest private sector developer of affordable housing. While working with the general contracting preconstruction department, he priced all scopes of work from civil & earthwork to playgrounds and even historical structures. The project budgets ranged from \$100K to \$60M. In 2024, Mr. Svolto was recognized by the Philadelphia Business Journal a Veterans in Business Honoree.

#### **Education**

**Master of Science**, Civil & Environmental Engineering – Carnegie Mellon University  
**Bachelor of Science**, Geoscience with Math and Art Minors – Montclair State University  
**Associate of Applied Science**, Intelligence Operations – Cochise Community College  
**Associate of Art**, History – Daytona Beach Community College

#### **Licenses and Registrations**

Professional Engineer (PE): New Jersey

**Professional Skills**

- Project & Construction Management
- Preconstruction & Cost Estimating
- Residential & Commercial Demolition
- Site Development & Geotech Investigations
- Civil/Environmental Engineering
- Storm Water Management
- Regulatory & Building Code Knowledge
- Professional Investigations
- Elite Job Site Safety

**Professional Experience**

**Hudson International, Cherry Hill, NJ**

*Senior Engineer & Building Consultant*

Perform forensic inspections on commercial and residential structures. Support the surety claims division and provide critical expert knowledge where required.

**The Michaels Organization, Camden, NJ**

*Pre-Construction Estimator*

Perform cost estimations for new construction and renovations of multi-family buildings for all trades. Subject Matter Expert for Geotech reports and earthwork. Review civil, architectural, and MEP plans. Perform takeoffs for all scopes including demolition, cut and fill, concrete, etc. Reach out to contractors of all trades. Establish relationships and solicit bids. Projects range from \$5M to greater than \$60M. Initiated an internal training program for estimators and delivered classes on Geotech reports, retaining walls, demolition, etc.

**Remedial Construction Services (RECON), Greater Philadelphia Area**

*Project Manager*

Entrusted to manage two Operations & Maintenance contracts worth a total value of approximately \$1.2M/year for post-closure care of industrial landfills. The two projects include upholding the groundwater monitoring requirements in accordance with State and Federal laws. Ad hoc support to clients for immediate repairs, restoration, demolition and decommissioning of equipment, treatment systems, environmental monitoring wells, and leachate collection systems.

*Field Engineer*

Supported a large excavation and restoration project in Elmira, NY as the on-site engineer. Work included constructing sediment and erosion controls, confirming excavation limits, backfilling operations, and restoring parking lot, sidewalks, and subsurface utilities to design specifications. I also managed vendors and subcontractors.

**FEMA, Region III, Mitigation Division, Philadelphia, PA**

*Civil Engineer*

Assigned to the Risk Analysis Branch. Performed program oversight and provided technical support regarding regulatory requirements and hydrology/hydraulic studies. Performed independent government cost estimates. Assisted the Building Science point-of-contact, addressed inquiries related to the National Flood Insurance Program (NFIP), mapping process, and building requirements in floodplains.

**GZA GeoEnvironmental, Inc., Philadelphia, PA**

*Construction Manager*

Owner's Representative for \$18M Deep Soil Mixing remediation project of a former Manufactured Gas Plant in Glassboro, NJ. Coordinated with contractors daily, conducted weekly progress meetings with stakeholders, wrote formal reports, reviewed monthly invoices, and assisted with upholding the schedule and contract.

*Field Engineer*

On-site for a \$20M In-Situ Soil Solidification and Stabilization project of a former Manufactured Gas Plant in Hammonton, NJ. Contributed to the remediation of approximately 45,000 cubic yards with ISS technology and permeation grouting techniques. Quality Assurance regarding plans and specifications. Reviewed daily instrumentation monitoring data collected from tilt meters, crack gauges, inclinometers, optical targets, and vibration monitoring stations.

**Schlumberger, Prudhoe Bay, AK**

*Field Engineer*

Provided cased-hole wireline field services to more than 80 Oil and Gas wells on the North Slope of Alaska. Services included production profiles, cement bond evaluations, perforations, plugs, patches, cutters, and tubing punches. Experience with acquisition software, explosives, logistics, crew management, cranes, overhead hoists, rigging, loaders, forklifts, and industry/OSHA safety regulations.

**Faculty Positions**

**Mercer County Community College, West Windsor, NJ**

*Adjunct Physics Instructor*

Intro to the fundamental principles of physics: topics included Newtonian mechanics, work & energy, electricity & magnetism, waves, acoustics, optics, and nuclear physics.

**Professional Affiliations**

American Society of Civil Engineers (ASCE)

The Geological Society of America (GSA)