

Jason Buell, PE, PMP

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Qualifications

Civil and Environmental Engineer with 15 years' experience completing water/wastewater and stormwater/drainage projects, environmental assessments, obtaining necessary permits, construction inspection, and energy and air pollution reviews. Keen focus on customer service and astute management of clients' budgets and schedules. Certified New York Professional Engineer and Project Management Professional. Experience computer programming for engineering applications and applied drafting in Civil 3D. Intermediate fluency in Spanish. Skilled in qualitative / quantitative research and public speaking with Toastmasters International.

Experience

Water/Wastewater Engineer

Atzl, Nasher & Zigler, P.C., 09/2019 – Present

- Designed 1,300 LF potable water system and sanitary sewer evaluation study. Eagle Bay redevelopment project, Stony Point, NY
- Designed 2,000 LF potable water system and 2,000 LF sanitary sewer conveyance system. Village View development project, Town of Harriman, NY
- Assessed sufficiency of stormwater conveyance system for onsite and offsite drainage. Town Line development project, West Haverstraw, NY, Mount Repose Cemetery, Haverstraw, NY, Walden Glen development, Walden, NY
- Water supply compliance and sufficiency analysis. Gate Hill Day Camp, Stony Point, NY

Project Engineer

H2M Architects and Engineers, Inc., Parsippany, NJ, 11/2018 – 08/2019

- Evaluated efficacy and engineering soundness of multiple potable water systems totaling 9,000 LF
- Wrote engineering specifications for wastewater systems and construction activities
- Served as group Construction Administrator, ensuring proper installation per client's budget and technical specs

Environmental Engineer

Leidos, Inc., San Diego, CA, 08/2006 – 09/2017

- Spearheaded success of multi-year, multi-million-dollar environmental engineering projects
- Authored over 40 water, air, and noise sections for EAs, EISs, and EIRs
- Evaluated industrial wastewater, hazardous waste, and air pollution permits for 70 federal facilities nationwide
- Negotiated permit requirements with local and state regulatory agencies; eliminated or reduced overall regulatory burden by 20%

- Calculated air emissions inventories and air toxics risk assessments for stationary and mobile sources at military outposts, shipbuilding operations, and landfills
- Supervised multi-regional teams to evaluate air, water, wastewater, and hazardous waste compliance at 60+ airports and aircraft facilities
- Transportation-related experience: analyzed construction environmental impacts and ongoing NPDES / CAA impacts from multiple planned public roadway design
- Reduced existing contract deliverable production time by 75% by programming a data integration solution into Microsoft Office

Senior Environmental Engineer

Powers Engineering, San Diego, CA, 06/2001 – 09/2003

- Designed retrofit and upgrade solution for municipal wastewater treatment plant
- Collected air pollution samples from power plants along the US-Mexico border; produced and secured operating permits with concomitant full regulatory review
- Completed sanitary sewer evaluation study (SSES); remediated 2,000 LF system through combination of pull/replace and trenchless technologies
- Evaluated technical feasibility of dry cooling usage at large-scale NG-fired power plants

Environmental Engineer

Resource Catalysts, San Diego, CA, 08/1998– 06/2001

- Wrote and secured air quality variances and NPDES permits for power plants
- Verified environmental engineering technical specifications for all company's outgoing deliverables for clients in local government, energy utilities, and renewable energy firms
- Represented client interests at governmental review meetings and permit applications
- Evaluated technical and economic feasibility of full EV replacement of municipality's vehicle fleet

Water/Wastewater Engineer

United States Navy, Washington, DC, 02/1996– 08/1998

- Managed water and wastewater engineering projects for multiple naval facilities in the region, including the US Vice President's residence at the U.S. Naval Observatory and the United States Naval Academy in Annapolis
- Devised and implemented stormwater sampling protocols (i.e. SWPPPs) at various locations for point and nonpoint source discharges
- Developed cost estimates and led negotiations for 20+ ID/IQ task orders of varying degrees of size and complexity
- Authored scopes of work, led kick-off meetings, and supervised contractor project efforts to assure on-time, on-budget deliverables

Education

MA Anthropology (Applied Concentration), San Diego State University, 2005

BS Environmental Engineering, California Polytechnic State University San Luis Obispo, 1995