

DAVID L. BILLET, P.E.

EDUCATION

BS, Environmental/Civil Engineering, 1988; University of Florida, Gainesville, FL

REGISTRATIONS/CERTIFICATIONS

Professional Engineer, Civil Engineering, Virginia, No. 031441
Professional Engineer, Civil Engineering, California, No. C 54865
Virginia Asbestos Inspector, No. 3303 001995
Virginia Asbestos Project Monitor (Air Monitoring), No. 3309 000576
Virginia Lead-Based Paint Inspector/Risk Assessor, No. 3356 000156

AREAS OF EXPERTISE

Site Civil Engineering and Design
Stormwater Management
Environmental Auditing and Due Diligence Evaluations
Environmental Remediation and Site Closure
Industrial Hygiene: Asbestos, Lead, IAQ, Mold, and Occupational Exposure
Capital Outlay Project Management and Construction Administration

PROFESSIONAL SUMMARY

Mr. Billett is a senior project manager with broad experience and expertise in the civil engineering and environmental arenas. This experience includes 20+ years of analysis, design, management and supervision of environmental and civil engineering programs and projects for private firms and government agencies. Mr. Billett has certified engineering plans and investigations; prepared detailed designs and remediation plans; and conducted forensic engineering investigations within his areas of expertise. Mr. Billett has been qualified as an expert witness in various court jurisdictions in more than 10 states.

Mr. Billett's professional civil engineering experience includes senior level management and preparation of Site Plans of Development, stormwater management and drainage plans, grading plans, utility designs, water and wastewater plans and construction management. Design project experience includes single and multi-family residential, commercial, and industrial properties; railroad; airport; and highway projects.

Mr. Billett has considerable regulatory experience including interpretation and implementation of various provisions of SDWA, CWA, RCRA, NPL/SUPERFUND, NPDES, EPCRA, TSCA, and other environmental or engineering regulations.

Mr. Billett is a qualified expert in asbestos and lead paint and mold and has managed and completed analyses, project designs and specifications, air monitoring, EPA accredited

training, and contract administration and abatement oversight. He has completed over 500 asbestos and industrial hygiene projects on residential, commercial and industrial properties. Mr. Billett has intimate knowledge of the EPA and OSHA regulations associated with hazardous materials, asbestos and occupational exposure and is extremely proficient at providing cost-effective solutions to compliance issues.

Mr. Billett's environmental experience includes program and project management of complex environmental contracts involving site investigation, restoration and remediation; assessment and cleanup of hazardous waste as well as soil and groundwater pollution; sampling, analysis and mitigation of building and occupational exposure hazards; and interaction with regulatory and government agencies to obtain approval for permits, closures and design plans. This includes having managed 250+ contaminated site cleanups and other projects involving underground tank releases of petroleum and gasoline; industrial facilities with related site contamination (solvent or chemical waste); construction projects; spills; accidents; manufacturing or maintenance facilities; gun firing ranges; etc.

Mr. Billett is a qualified Environmental Professional according to EPA regulations. He has considerable professional experience in Environmental Site Assessment and Historical Use Identification which includes the certification of over 150 phase I ESA reports over the past 10 years, keeping current with the ASTM E-1527 Standard for commercial property transactions.

He has conducted and managed hundreds of physical assessments to determine presence of soil, groundwater, surface water and/or air quality contamination at

- Commercial sites
- Gas and Service Stations
- Landfills
- Airports
- Construction Sites
- Coal-Fired Power Plants
- Semiconductor Manufacturing Facilities
- Paper and Cardboard Manufacturing Plants
- Automobile Dealership and Maintenance Facilities
- Heavy Vehicle Maintenance Facilities (train and rail car)
- Military Munitions Plants
- Manufacturing Plants
- Indoor Gun Ranges
- Metal Plating Facility
- Apartment Complexes
- Hi Rise Structures

PROFESSIONAL EXPERIENCE

Expert Witness Testimony, Mid Atlantic and Eastern States of US – Professional Engineer- Investigated accident and damage claims related to site civil engineering, stormwater management, and utility systems at commercial and residential sites.

Stormwater Management and Utilities, Virginia- Professional Engineer- Review engineer responsible for assessing adequacy of stormwater calculations and installations; erosion and sediment control design plans and sewer and wastewater systems at residential and commercial facilities.

Single and Multi-Family Residential Subdivisions and Commercial Site Development, Richmond Virginia- Design Engineer- Project professional responsible for preparation, certification and permitting of complete development plans including all aspects of site layout, stormwater management and drainage, road access, utility layouts, site grading and building construction.

Site Restoration of Former GM Foundry, Tonawanda, NY- Principal in Charge - Prepared plans and negotiated remediation, closure and restoration of a 40 acre contaminated industrial plant with historical contamination in soils and groundwater.

Nassau International Airport, Nassau Bahamas - Principal In Charge - Mr. Billett managed a \$2,000,000 renovation project in Terminal A at the International Airport which included major structural demolition, and decontamination/abatement of asbestos in an approximate 30,000 square feet of occupied building area. The project included turn-key asbestos and construction management services including a comprehensive building survey, project specifications and bidding documents, contract administration, coordination of building trades and waste disposal, and quality control testing, inspections and air monitoring during construction.

Asbestos Program Manager, Chesterfield County, Virginia- Lead Professional- Responsible for guidance and program development of a comprehensive asbestos management program including all aspects of management plan, training, building assessment, abatement and contractor oversight.

County Asbestos Program, Hanover County, Virginia - Project Manager - Mr. Billett managed all aspects of projects requiring asbestos identification and abatement; compliance with NESHAP, EPA and state regulations; preparing cost estimates and project designs for response actions; overseeing removal/abatement contractors; and performing project required inspections and air monitoring.

Hanover County Asbestos Program, Hanover, Virginia - Project Manager - Mr. Billett managed all aspects of county projects requiring asbestos identification and abatement. The projects entailed conducting inspections in accordance with NESHAP, EPA and Virginia requirements, preparing cost estimates and project designs for the necessary response actions, assisting the county with bidding and contract awards for the removal/abatement, and performing project required air monitoring.

City of Richmond Public Safety Building, Richmond, Virginia - Microbiological and Asbestos Investigation- Lead project professional responsible for assessing microbiological and asbestos contamination within occupied spaces of the subject building. Air, wipe and bulk testing performed to determine presence of mold, bacteria and legionella. Significance of results determined by performing literature research on evolving state of microbiological regulatory and insurance-based requirements.

Virginia Highlands Airport Authority, Abingdon, Virginia - Program Manager - Lead professional responsible for the execution of an asbestos management program associated with the demolition of ten commercial/residential structures located in the glidepath of a regional airport. The project included identifying all asbestos subject to removal per the NESHAP regulations, preparing a project design and bid package, administering the contract for the designed abatement actions, and conducting visual inspections and air monitoring following the completion of the work. The project also included removing and disposing of hazardous chemicals, and the assessment/closure of underground storage tanks. The project was completed in accordance with U.S. FAA grant requirements.

Fairfax County Park Authority, Fairfax, Virginia - Project Manager, Asbestos Program - Project manager responsible for development and implementation of asbestos programs for the Park Authority related to the construction of a 27-hole golf course, administration buildings and driving range facility located in a naturally-occurring asbestiform geologic zone. The project included developing the necessary training, medical monitoring, removal compliance plans, air monitoring and construction administration plans, and providing regulatory/liability protection advice for all phases of construction.

PCS PRIMECO, State of Virginia - Program Manager, Telecommunications Tower/Antenna Sites - Responsible for client and engineering management of an extremely high paced digital tower development project. Projects included engineering and environmental evaluations of monopole tower and high frequency radio antenna sites for PCS developer. Specifically, a geotechnical evaluation and foundation design, environmental site assessment and soil sampling, preparation of site Plan of Development, and obtaining construction permit approval from local county jurisdiction was required at numerous concurrent locations in an aggressive time frame. Mr. Billett was recognized by the client as being the first of five independently employed consultants to receive construction permit approval for several sites.

New Kent Gardens, Providence Forge, Virginia - Project Manager - Senior project manager and lead design engineer for 72 unit multi-family residential subdivision. Project included design and preparation of Plan of Development including site layout, grading plan, stormwater management and utility plan, erosion and sediment control plan, on-site wastewater disposal system plan and Chesapeake Bay Protection Act BMP design.

Black Creek Estates, New Kent County, Virginia - Project Manager and lead design engineer for 6 lot subdivision project which included design and preparation of site plan, stormwater management plan, erosion and sediment control plan, and Chesapeake Bay Protection Act BMP design. Project included interaction with county agencies in order for developer to obtain building and land disturbance permits.

South Garden Land Disturbance Project, Providence Forge, Virginia - Project Manager and lead design engineer for the construction of an agricultural terrace and open-air amphitheater at a severely eroded hillside adjacent to South Garden Estates. Project included the development of a grading plan, erosion and sediment control plan, and wetland delineation and mitigation plan. The project included interfacing with and meeting the requirements of the county planning and zoning department and U.S. Army Corps of Engineers.

Chrysler Corporation Facilities, Southeast Division - Program Manager, Manager for all environmental assessment and remediation activities at various real estate parcels owned and/or operated by Chrysler throughout the southeastern U.S. Projects included Phase I and Phase II Environmental Site Assessments, remediation of groundwater and soil contamination, development of construction and demolition plans, contract administration, and regulatory interaction. Responsible for profit and loss in division, budgeting and schedules, design, personnel and subcontractor management, quality control and program expansion. Projects in total were highly profitable and Mr. Billett received personal commendation from the Chrysler Corporation.

Mitsubishi Trust and Banking Corporation, Various Sites-Eastern U.S. - Program Manager, Manager of complex engineering and environmental assessments of multi-million dollar commercial real estate portfolios. Individual projects entailed the evaluation of engineering and environmental liabilities at properties and the development of immediate needs analyses and escrow reserve replacement estimates for capital improvements and construction.

Virginia Capital Outlay Construction Projects, Virginia State and County Agencies - Project manager responsible for engineering design and plan preparation, cost estimates, contract administration and construction management of environmental remediation systems, fuel storage tank and distribution systems, and abatement and demolition projects. Projects included turn-key engineering and contract management services in sensitive areas of controlled facilities.

WORK HISTORY

Consultant, Forcon International

Principal Engineer and Owner, E-COM LLC, Midlothian, Virginia

Senior Program Manager, Rust Environment & Infrastructure, Glen Allen, Virginia

Principal, Billett and Brown Consulting Associates

Project Engineer, California State Health Department, Sanitary Engineering Branch, Fresno

District Office Staff Engineer, California EPA, Toxic Cleanup Unit, Fresno District Office