



Brian Mende, PG
Principal
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Education

Bachelor of Science, Geology, Long Island University

Registrations

Certified Professional Geologist, American Institute of Professional Geologists
EPA Accredited Asbestos Inspector

Affiliations

Member, Environmental Banker's Association
Member, Mortgage Banker's Association

Mr. Mende serves as a Principal of Partner Engineering and Science, a national engineering and environmental consulting firm. Prior to joining Partner, Mr. Mende served as a Senior Environmental Risk Manager with a major national lending institution. He provided internal environmental consulting expertise for commercial and multi-family residential development projects, including Brownsfield redevelopment, gasoline station finance, corporate facility assessments (nationally and internationally), and agro-financing.

Mr. Mende has 27 years of experience managing, designing, and conducting geologic, hydrogeologic, geophysical, and environmental assessments and remedial action plans throughout the United States, Puerto Rico and the US Virgin Islands. He began his career as a field geologist, then worked up to project manager, group and division manager, client relationship manager, contract manager, and environmental risk manager. Prior to Partner, Mr. Mende had several interesting career stops, including conducting numerous Superfund (NPL)

investigations as a consultant to the EPA for lead and oversight assignments and ECRA/ISRA evaluations.

Mr. Mende has served as a staff geologist, senior geologist/hydrogeologist, project manager, senior author and environmental risk assessor on over 10,000 real estate transactions. His due diligence resume includes experience at all levels advising lenders and real estate investors through the following product types:

- Phase I Environmental Site Assessments
- Phase II Subsurface Investigations
- Phase III Site Characterizations
- Remedial Cost Estimates
- Remedial Investigation/Feasibility Studies
- Environmental Transaction Screens
- Environmental Risk Evaluations
- Conceptual Site Modeling
- Remedial Action/Remedial Design Studies

Understanding and delineating the horizontal and vertical extent of contamination and developing conceptual site models is one of Mr. Mende's most valuable strengths. He has 27 years experience in evaluating subsurface contaminants in soil, soil gas, groundwater, and fractured bedrock in the context of real estate transactions, release investigation, and remedial and regulatory compliance. Mr. Mende has extensive experience in regulatory compliance, project plan cost estimation, and negotiation. Mr. Mende has significant experience in the delineation of contaminants in soil and groundwater using various soil and groundwater sampling methods, geophysical evaluations (surface and borehole), aquifer testing (short and long duration), and modeling techniques.

Remedial cost estimates, which allow real estate professionals to prudently complete transactions on contaminated property has become one of Mr. Mende's specialty consulting products. The prerequisite to a sound remedial cost estimate is a sound Phase I, Phase II, and Phase III. With adequate assessment and characterization data in hand, Mr. Mende can leverage his remedial design and implementation experience to produce a reliable estimate.

The following table includes some of the contaminants Mr. Mende has removed and some of the technologies used:



Contaminants

Gasoline
Diesel
Free Product Floating on Groundwater
Metals: Lead, Arsenic, Chromium, Mercury
Pesticides and radionuclides
PCBs
Chlorinated solvents:
- Tetrachloroethylene (PERC)
- Trichloroethylene (TCE)
- 1,1,1 Trichloroethane (TCA)
Other Solvents: Acetone, Toluene, Acetates

Remedial Technologies

Soil Vapor Extraction
Air Sparging
Dual Phase Extraction
Pump and Treat
Ozone Sparging
In-situ Chemical Oxidation
Bioremediation (in-situ and ex-situ)
Bio-sparging
Excavation
Fixation

Mr. Mende has a significant portfolio of closed sites. Mr. Mende has guided hundreds of landowners through the process of site characterization, gaining an approved remedial action plan, implementing the remedial technology, and ultimately gaining site closure. Success in the field of site remediation has earned him significant rapport with the regulatory community.

Mr. Mende has significant experience in large multi-site portfolios having evaluated environmental portfolios during the acquisitions of Cal-Fed, EAB, First American Bank and Banamex. Mr. Mende has also conducted several large portfolio reviews of gasoline station divestments and several large securitization deals. Real Estate Investors, CMBS Lenders, Insurance Lenders, and Real Estate Equity Funds have come to rely on his advice and judgment with respect to the physical condition of the assets that they acquire.

Mr. Mende's experience also includes extensive experience in the management of environmental issues impacting corporate owned facilities, including mold, asbestos, lead-based paint and biological hazards. Mr. Mende participated

in the design of proposed modifications to mitigate impacts to facilities in the event of biological risks.

Publications

[Secrets of an Environmental Banker, Western Real Estate Business, December 2008](#)