



Thomas Smith

Project Geologist  
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## Education

Bachelor of Science, Earth Science, California State University, Fullerton  
Graduate Coursework, Geology, California State University, Los Angeles

## Registrations

Professional Geologist – California No. 8379  
OSHA 40-Hour Hazardous Materials Safety Certification

Mr. Smith has over 25 years' experience in environmental and engineering geology. He has supervised a staff of 10 field and laboratory technicians and managed the day-to-day operations of a geotechnical soil testing laboratory. He has successfully obtained closure and has been instrumental in redevelopment of contaminated sites.

Mr. Smith is skilled in performing soil, soil-gas, groundwater sampling, aquifer testing, geotechnical testing, data analysis, well construction, construction site dewatering, and water resource evaluation. He is familiar with the application and limitations of finite difference and finite element models, amongst others. Prior to joining Partner, Mr. Smith has served as a Project Coordinator and Geologist for several California companies, gaining valuable knowledge in both the managerial and technical spheres.

Mr. Smith has extensive experience in business development. He has frequently acted as liaison between client and staff, resolved client inquiries, complaints, and has anticipated and exceeded clients' needs.

Mr. Smith has also been a manager at various companies, where he established training and evaluation procedures, and established and hosted weekly brown bag seminars on

relevant environmental topics. He has implemented Federal, State, and Local rules and regulations and developed policy, procedures and adherence criteria. He has also prepared Company procedural documents including the Illness and Injury Prevention Plans, Business Plans, and has revamped Company Style Guides.

Mr. Smith has designed and implemented soil and groundwater remediation systems in Southern California as well as achieved closure on multiple sites for two major retail petroleum companies.

Mr. Smith's previous accomplishments include:

- Conceived, designed, budgeted, and implemented a fast-track soil remediation program for diesel contamination from an emergency diesel generator system. Contaminated soil was removed to groundwater at approximately 45 feet in depth, utilizing foundation flight augers, and replaced with two-sack slurry.
- During the Seismic Upgrade of Unit 1 at the San Onofre Nuclear Power Generation Plant, Mr. Smith re-evaluated an unworkable groundwater dewatering system, identified flawed components and installation procedures, developed a new design, received Regulatory approval, and implemented design and installation changes, allowing the completion of the project and ending 23 days of budget over runs.
- Completed a soil-gas pilot study at a major east coast military research facility. The pilot test was performed during inclement weather conditions (white out blizzard) demonstrating the effectiveness of the sampling methodology, and allowing the continuation of the next phase of the investigation.
- Re-designed and installed product recovery/groundwater extraction wells, and vapor extraction wells. The groundwater well performances increased 62 per cent overall, whereas the vapor extraction well performance increased as much as 85 per cent.
- Increased sample turn-around times in the geotechnical laboratory over 50 per cent, by instituting procedural and tracking changes.
- Reduced laboratory and field calculation times by 80 to 90 per cent by creating spread sheets and incorporating their use into the test procedures and by direct import into analytical software.