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Azad Adam Kaligi, PG

Professional Geologist
Project Manager

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Azad Kaligi is a California Licensed Professional Geologist, Licensed Contractor, and Certified Hazardous Substance Removal & Remediation professional experienced in the environmental, geotechnical and water-resources industries. From his work history at reputable geological/engineering consulting firms, Mr. Kaligi has an extensive understanding about subsurface contamination assessment and remediation methodologies.

Education:

- Bachelor of Science in Geology California State Polytechnic University Pomona, Class of 2008

Professional Licenses:

- CA Licensed Professional Geologist
- CA Licensed Contractor
- Certified Hazardous Substance Removal & Remediation
- LADBS Licensed Methane Deputy Building Inspector

Occupational Certifications:

- California Occupational Safety & Health Administration (OSHA) Hazardous Waste Operations & Emergency Response (HAZWOPER)
- Mine Safety & Health Administration (MSHA)
- ExxonMobil – LPS

Primary Responsibilities:

- Phase 1 & 2 Environmental Site Assessments
- Soil/Groundwater Contamination Assessment & Remediation
- Methane Soil Gas Testing
- Vapor Intrusion Investigations

SUMMARY OF WORK EXPERIENCE

Mr. Kaligi started as a journeyman on a variety of construction and grading projects while completing his undergraduate degree in geology. As a chainman land surveyor for City of Los Angeles, Mr. Kaligi participated in projects involving excavation, mapping, road construction, slope stability, erosion control, underground storage tank (UST) and contamination excavations, road demolition projects and water well drilling/construction.

Azad Kaligi has worked for reputable geologic/engineering firms providing soil and groundwater remediation projects for global oil & gas companies. Notable projects involved scientific assessment, geologic characterization, hydrogeological modeling and engineering methods for remedial design to reduce contamination levels and achieve closure with environmental agencies. Typical projects have included in-situ chemical oxidation for groundwater remediation, groundwater pump-and-treat, and air-sparge with soil vapor extraction. Additionally, Azad Kaligi has assisted in various contamination migration pathway studies, fate & transport modeling, and responsible party investigations for the State Water Resources Control Board, and various contamination legal disputes.

Recently, Mr. Kaligi provided geologic and hydrogeologic professional services for several high-profile water-supply projects throughout California. Projects included diagonal drilling and slanted-well construction underneath the ocean floor to provide an intake source for a proposed ocean-water desalination plant in Monterey, California. Mr. Kaligi also assisted with a major groundwater and geologic exploration project in the Mojave Desert which required drilling a network of boreholes through limestone bedrock as deep as 2,000 feet below ground surface to characterize karstic features and their water-bearing properties as a drinking water source. Other projects included designing and installing groundwater production wells for major water agencies and municipalities under the supervision of the nation's top hydrogeologists.