

MICHAEL F. HOOVER

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C R E D E N T I A L S

Registered Geologist, State of California #3373

Certified Engineering Geologist, State of California #977

Certified Hydrogeologist, State of California #169

Certified Manager of Landfill Operations

B I O G R A P H Y

Michael F. Hoover has over 30 years of experience in geology, engineering geology, soil engineering, environmental geology, groundwater hydrology, soil and groundwater contamination and municipal solid waste facility operations. His past projects include geohydrologic and seismologic investigations, environmental assessments, soil engineering, geologic hazard evaluations, landfill siting and compliance, and contaminated site assessment and remediation.

Mr. Hoover holds three college degrees. He received his Bachelor of Arts degree in Geography and Geology and a Master of Arts degree in Geology (with emphasis in Engineering Geology) from the University of California at Santa Barbara. His research was concerned with the engineering properties of expansive clay soils. As an undergraduate, Mr. Hoover was a member of a federally-funded (Sea Grant) geologic field mapping team which investigated recent tectonic movements along the Santa Ynez Fault in Santa Barbara County, California.

Most of Mr. Hoover's experience is in California. His specific areas of expertise are in Santa Barbara and San Luis Obispo counties where he has studied and practiced geology for over 30 years. Mr. Hoover has supervised and completed over 600 projects during the last 30 years. These projects were principally in the fields of groundwater hydrology, engineering geology, soil engineering, and environmental pollution cleanup, and regulatory compliance related to solid waste facilities.

Groundwater hydrology projects include water supply development, water well drilling supervision, production well design, groundwater basin (safe yield) analysis, and computer modeling. Over 300 water supply and groundwater monitoring wells have been drilled under his supervision. Engineering geology and geotechnical projects include analysis of most major faults in Santa Barbara County, landslides, sea cliff stability studies, and other geologic hazards. Soil engineering capabilities include preliminary soils investigations and detailed soil engineering investigations. Groundwater contamination projects include over 30 sites where fuel product, metals, or chlorinated solvents were assessed and remediated. Mr. Hoover has been the chief technical expert in charge of soil and groundwater remediation for a municipal solid waste

landfill, two abandoned oil fields, several sites where DNAPL (solvents) spills occurred, and numerous retail outlets (service stations). Mr. Hoover is also a technical expert, having been qualified by the court as an expert on numerous occasions.

Mr. Hoover has been a Registered Geologist, Certified Engineering Geologist and Certified Hydrogeologist in the State of California for 25 years. He is also Certified as Manager of Landfill Operations (MOLO) by the Solid Waste Association of North America (SWANA). Mr. Hoover is a state licensed general engineering and hazardous materials contractor and a member of the National Ground Water Association, the Groundwater Resources Association of California, the Association of Engineering Geologists, and the Solid Waste Association of North America (SWANA). Mr. Hoover is a founding member of the Central Coast Branch of the Groundwater Resources Association and served as its Vice President.

In addition to Mr. Hoover's 20 years of consulting experience, he manages and owns a municipal solid waste facility and is responsible for environmental compliance, permitting, and site operations. Mr. Hoover was primarily responsible for bringing this landfill into compliance with Federal Subtitle D requirements as well as State and County regulations. He is familiar with landfill gas extraction system design, construction and monitoring, landfill liner design and construction, and monitoring well design, construction and monitoring.

Mr. Hoover's hobbies include architecture. He has designed, and constructed or remodeled five residential projects and two commercial projects. Mr. Hoover's projects have appeared in the publication Santa Barbara Architecture and honored by the Pearl Chase Society Historical Homes tour.