

Peter E. Morris, R.G.

Peter E. Morris, R.G.

*hydrogeology
remedial investigation and design
environmental liability management
groundwater mitigation*

Education

Master's of Science, Civil and Environmental Engineering
The George Washington University

Bachelor's of Science, Geology
The University of California, Davis

Registration

Registered Geologist, California - 7084

Areas of Expertise

Mr. Morris has managed projects involving investigation and remediation of contaminated sites, including preliminary through detailed site characterizations, permitting, human health and ecological risk assessments, aquifer testing, and design of measures to remediate contamination at sites ranging from gasoline service stations to state and federal Superfund Sites.

Mr. Morris has also provided emergency response services relating to the assessment, control, and remediation of petroleum products spilled from pipelines, tanks, and trucks.

Mr. Morris has conducted regulatory negotiations to establish cleanup goals and to obtain closure.

Mr. Morris has provided third party reviews, provided factual deposition, and assisted with technical negotiations in settlement hearings relating to source identification, contamination of soil and groundwater, and remediation cost allocation. He has provided analysis and review of site hydrogeologic conditions, contaminant sources, fate and transport, and ground water modeling.

Project Experience

Managed \$2.5M landfill closure/leachate mitigation of cement kiln dust disposal area including construction oversight at a former cement plant in Calaveras County, CA

Managed implementation of conceptual design for hydrogen peroxide injection for TCE impacted groundwater remediation at a former manufacturing facility in Orange County, CA

Peter E. Morris, R.G.

Peter E. Morris, R.G. *page 2*

Managed investigation team for dense non-aqueous phase and dissolved-phase trichloroethene (TCE) impacted groundwater at an industrial facility in Georgia.

Managed investigation team for spent chlorinated solvents and caustic wastewater impacted groundwater at an industrial facility in Maryland.

Managed investigative team for hydrogen sulfide and methane gas at a proposed school site in Los Angeles, California.

Designed and implemented ozone sparge injection remediation systems for the treatment of benzene in groundwater.

Brownfield development of a former industrial warehouse facility with approval for residential development, San Leandro, California.

Closure for a former industrial facility with approval for residential development, Santa Cruz, California.

Professional Work Experience

WORLD ENVIRONMENTAL SERVICES & TECHNOLOGY, INC.,
San Rafael, California

Senior Geologist: Mr. Morris is the responsible geologist for this environmental engineering firm serving both the public and private sector. Mr. Morris has provided geologic and hydrogeological services for sites involving multiple sources and timing of releases of contamination to groundwater. Mr. Morris has performed testing of innovative remediation technologies for groundwater and has assisted with the closure of several sites.

PETER E. MORRIS CONSULTING
Sacramento, California

Principal: Mr. Morris provided environmental services for both public and private sector. Mr. Morris provided geologic and hydrologic services for sites involving multiple sources, indoor air evaluations and monitoring of releases of contamination to soil and groundwater.

ENVIRONMENTAL STRATEGIES CORPORATION,
Reston, Virginia and San Jose, California

Senior Geologist/Engineer: Mr. Morris managed a variety of projects including prepare cost analysis for remedial options for selected remedial technologies and operation and maintenance programs. Provided factual testimony regarding lawsuit against former owner of metal degreasing facility. Assisted senior principals for third party insurance liability cost analysis for \$500M policy issuance.

Peter E. Morris, R.G.

Peter E. Morris, R.G. *page 3*

ERLER & KALINOWSKI, INC.

San Mateo, California

Staff Geologist: Managed soil and groundwater investigations of petroleum hydrocarbon and chlorinated solvent impacted sites in the San Francisco Bay Area. Prepared proposals and bid documents for soil excavation and tank closures. Managed SVE remedial system implementation for former electro-plating facility in San Mateo County, CA. Provided operation and maintenance oversight for PCB oil recovery system of industrial electrical transformer manufacturing facility in Santa Clara County, CA

AGS, INC.,

San Francisco, California

Staff Engineering Geologist: Performed geotechnical engineering investigations for the State of California Transportation Department (CalTrans) and City of San Francisco, CA. Managed rock coring drilling project for San Francisco DPW Sewer Tunnel Project.

WAHLER ASSOCIATES

Palo Alto, California

Staff Geologist: Conducted field investigations for volatile organic compounds at a 5,200 acre solid rocket fuel production facility in Santa Clara County, CA. Prepared proposals and work plans for remedial design feasibility studies.

UNITED STATES BUREAU OF RECLAMATION

San Joaquin Valley Drainage Project,

Sacramento, California

Summer Internship: Conducted research for neo-tectonic movement along the California Aqueduct.

WILLIAM COTTON & ASSOCIATES

Los Gatos, California

Field Technician: Assisted with seismic investigation along San Gabriel Fault in Newhall, CA.

Publications and Invited Presentations

Bryda, Lisa K. and Morris, Peter E. 1997. "Emerging Technologies for In-Situ Groundwater Remediation". Remediation (Summer 1997). Pp. 109-125.