



PROFESSIONAL PROFILE



Peter Shimer, PG

Principal Geologist

CONTACT INFORMATION

Main: (310) 879-4900
Direct: (310) 879-4929
Email: pshimer@rouxinc.com
Website: www.rouxinc.com

5150 East Pacific Coast Highway
Suite 450
Long Beach, CA 90804

EDUCATION

MS, Geology, California State
University, Long Beach, 2018
BS, Engineering Geology,
University of California, Los
Angeles, 2012

OSHA 40-Hour HAZWOPER
Training (2017) and annual
HAZWOPER Refreshers
First Aid and CPR Trained, 2017

PROFESSIONAL LICENSES

California Registered
Professional Geologist #9699

EXPERIENCE SUMMARY

Nine years of consulting experience and thirteen total years of experience professionally as a geologist: Senior Manager, Project Manager, and Staff Geologist with Roux (2018 to Present); Staff Geologist with EnSafe Inc (2017 to 2018); Exploration Geologist with ZTC Petro Investments LP (2015 to 2017); Geology Technician with Signal Hill Petroleum Inc. (2012 to 2013).

TECHNICAL SPECIALTIES

Implementation and management of environmental site assessments and subsurface investigations; Brownfields redevelopment; risk management, cost estimation and regulatory interaction for industrial and petroleum industry clients in California.

Mr. Shimer is a Professional Geologist with nine years of experience in the environmental consulting industry and four years of experience in the oil and gas industry. His experience includes shepherding projects with complex environmental histories under regulatory oversight through site development, managing assessments and subsurface investigations, designing and overseeing groundwater monitoring programs, overseeing soil vapor extraction programs, implementing vapor intrusion mitigation measures, UST removal and closure, and oil well abandonment.

Clients include city and county municipalities, residential, commercial, and industrial real estate developers, large corporate landholders, and family trusts. Peter has demonstrated competence in stewarding complex projects to completion through the combination of clear communication with clients, counsel, and regulators, sound technical skills, and attention to identifying and minimizing risk.

REPRESENTATIVE PROJECTS

- Managing multi-phase remedial investigation for a former bulk fuel terminal, with existing air sparge and soil vapor extraction experiencing diminishing efficiency. Impacts include TPH and VOC impacts throughout the 100-foot vadose zone, and to groundwater with confirmed presence of LNAPL, under Los Angeles Regional Water Quality Control Board oversight. Key tasks include performing soil, soil vapor, ground water and LNAPL characterization to evaluate remedial progress and identify potential improvements to the remediation strategy.
- Managed multi-year remedial design investigation for a 90-acre former foundry and steel manufacturing facility with chlorinated solvent impacts to soil vapor, and TPH, PCB, and metals impacts to shallow soils under DTSC oversight. Key tasks include documentation of site conditions for DTSC concurrence, remedy evaluation and selection (SVE and soil stabilization/capping) through closure, and coordination with other owner consultants during demolition, grading, and construction to manage risk for the owner.
- Performed site characterization and remedial design investigation for commercial redevelopment of a 14-acre former oilfield drilling mud management site (lagoon) in Southern California under DTSC's regulatory oversight, including 9 on-site oil wells. Design and manage subsurface investigation of cover soil and groundwater, prepare Report of Findings and Remedial Design and Implementation Plan for submittal to DTSC, coordinate review of onsite abandoned oil wells with CalGEM and advise owner on development design changes to avoid triggering re-abandonment. Provide field environmental oversight during grading, including monitoring and agency reporting.
- Assisted private developer in evaluating risk associated with presence of oil wells on an industrial property being evaluated for purchase and development. CalGEM data showed two former on-site wells, but geophysical survey and exploratory excavations only located one.

Successfully engaged CalGEM with historical aerial imagery for their concurrence that only one well existed onsite.

- Assisted private developer in evaluating risk associated with presence of oil wells on an industrial property being evaluated for purchase and development. CalGEM data showed two former on-site wells, but geophysical survey and exploratory excavations only located one. Engaged CalGEM with historical aerial imagery to show that only one well existed onsite. Following acquisition, advised owner on design changes to avoid impeding access to the former well and coordinated with architect, civil engineer, and structural engineer to include design requirements (oil well vent cone and preservation of future access to wellhead).
- Environmental consultant for low-income residential developer leasing a large property owned by a public utility with an abandoned oil well. Development plans could not accommodate avoiding impeding access to the former well. Engaged petroleum engineer and CalGEM to evaluate abandonment requirements and solicited bids from abandonment contractors for presentation to the developer. Abandonment was completed successfully at significant cost, ultimately not impacting the development schedule. Coordinated with architect, civil engineer, and structural engineer to include design requirements (oil well vent cone and preservation of future access to wellhead).
- Prepared liability analysis for multinational oil & gas company concerning remediation of legacy oilfield in southern California including pipelines, roads, wells, soil impacts, and groundwater impacts. Analysis included evaluation of remediation severity, litigation liability, and potential regulatory creep and assessed potential abandonment costs associated with ~100 oil wells.
- Managed multi-year environmental oversight for developer of 370-acre industrial development of a former chemical manufacturing facility with VOC and metals impacts to soil, soil vapor, and groundwater and active remedies managed by the RP (former owner) under DTSC oversight. Primary role to (1) ensure redevelopment activities do not impact active remedies and (2) design/implement remedies/mitigation (VIMS) for development under voluntary DTSC oversight.
- Performed investigation of Per- and polyfluoroalkyl substances (PFAS) at a heavy industry site in California under an investigative order from the RWQCB/SWRCB. Project work includes workplan development, soil and groundwater sampling, groundwater monitoring well installation and development, reporting, and agency interaction.
- Performed several due-diligence Phase II site investigations at former gasoline stations, oilfield properties, and industrial properties to residential and commercial standards. Key tasks include navigating regulatory oversight (DTSC, SMU, regional water boards), preparing workplans, coordinating and overseeing fieldwork, and reporting.
- Professional geologist overseeing UST removal and closure activities at a confidential private residence in southern California under San Bernardino County Fire oversight.
- Remediation of soil vapor impacted by the release of PCE from a former dry cleaner in Compton, California under the oversight of Los Angeles SMU, including SVE well installation and eventual SVE system decommissioning.
- Oversaw soil and soil vapor sampling at two dry cleaning facilities as well as soil vapor extraction well installation and blower system installation and startup.
- Performed field monitoring at residential development site with TPH, VOC, lead and arsenic impacts to comply with SCAQMD rules 1166 and 1466.
- Performed soil, soil vapor, and groundwater sampling at a former industrial printing facility as well as groundwater monitoring well installation, development, and sampling under SARWQCB oversight.
- Oversaw permitting, and implementation of well decommissioning at a former dry cleaner in La Puente, California under LARWQCB oversight.
- Professional geologist overseeing UST removal and closure activities at a gasoline service station in Los Angeles, California under LAFD oversight.
- Conducted indoor and ambient air monitoring as well as installation of vapor intrusion mitigation measures at multiple chlorinated solvent impacted sites throughout southern California.
- Performed Phase II investigation of soil and soil vapor impacted by the release of PCE from a former dry cleaner in Santa Clarita, California under the oversight of Los Angeles County SMU.
- Performed Phase II investigation of soil and soil vapor at a former hotel facility in La Jolla, California.