

## Shayan Simantob, PG | Western Region Environmental Principal

5261 West Imperial Highway, Los Angeles, CA 90045

(310) 854-6300  
shayan.simantob@efiglobal.com

### Professional Summary:

Mr. Simantob is State of California licensed Professional Geologist (Number 9296) with ten years of experience in the environmental due diligence, subsurface investigation, and remediation industry. He holds a varied and extensive history in assessing environmental conditions, evaluating environmental liability and risk, developing subsurface contaminant models and corrective action plans to resolve site concerns, and executing the proposed resolutions. He has served as the direct point contact and liaison with and between responsible parties, site owners and potential purchasers, bank loan officers, bank environmental risk management officers, attorneys at law, regulatory agencies, and subject matter experts.

Mr. Simantob's experience includes management of all phases of investigation from Phase I Environmental Site Assessment (ESA), through initial site assessment (Phase II ESA), soil, soil vapor and groundwater site characterization, human health and environmental risk assessment, contaminant fate and transport, remediation feasibility studies, bench and pilot testing of remediation technologies, full-scale remedial implementation and design optimization (soil vapor extraction, dual- and multi-phase extraction, pump-and-treat, excavation, bioremediation, monitored natural attenuation, in-situ chemical oxidation), and confirmation assessment including site close-out procedures.

He has managed sites both under client self-direction and oversight of most major California regulatory bodies including the various State of California Regional Water Quality Control Boards (RWQCBs), the State of California Department of Toxic Substances Control (DTSC), and several Certified United Program Agencies (CUPAs). Mr. Simantob has successfully obtained closure for numerous potential Brownfield sites under the oversight of regulatory agencies, and has additionally served in management of public participation and outreach activities of sensitive cleanup projects.

Mr. Simantob current serves as the Western Region Environmental Principal.

### Licenses and Certifications:

State of California Professional Geologist, Board for Professional Engineers, Land Surveyors, and Geologists, License Number 9296

OSHA 40-Hour Hazardous Waste Operations

OSHA 29 CFR 1910.1200 Hazardous Communications Standard

## Project Experience:

### **California School for the Deaf, Riverside, CA**

#### **K-12 Public School Site Assessment and Remediation**

Managed and conducted site characterization and soil remediation of a 65-acre State-owned school. Investigations conducted to meet State of California requirements for school investigations, identify volatile organic compound, organochlorine pesticide- and metals-contaminated areas, and enable the State of California to proceed with planned construction activities in a manner which safeguards the health of current and future students, staff and construction workers. Managed removal action of over 2,000 tons of contaminated soil including all public safety monitoring programs.

### **Former Industrial Manufacturing Facility, Vernon, CA**

#### **Soil and Soil Vapor Remediation, and Vapor Intrusion Mitigation**

Subsurface soil and soil vapor assessment activities identified elevated concentrations of trichloroethene at the site, restricting tenant occupancy of a 60,000 square-foot building due to vapor intrusion concerns. Implemented a rapid-response soil vapor extraction and vapor intrusion mitigation system to manage the vapor intrusion condition, enabling regulatory agency-approved site occupancy within two months.

### **Active Gasoline Service Station, Los Angeles, CA**

#### **Site Assessment and Remediation**

Following removal of underground storage tanks at a gasoline service station, a significant fuel release was identified in low-permeability soils extending to over 90 feet below ground surface and impacting groundwater. High-vacuum soil vapor extraction was implemented and nearly 110,000 pounds of petroleum hydrocarbons were removed from the subsurface. The Los Angeles Regional Water Quality Control Board issued closure upon completion of remediation. All activities were conducted while the gasoline service station was active.

### **Former Oil Refinery, Signal Hill, CA**

#### **Off-Site Groundwater Migration Plume Control**

Designed and managed initial construction phases of an approximately 1,000 linear foot biological treatment barrier to control off-site migration of a shallow groundwater contaminant plume into an adjacent residential neighborhood.

### **I-5 & Ortega Hwy Interchange Improvement Project, San Juan Capistrano, CA**

#### **Site Assessment and Human Health Risk Evaluation**

Improvement plans for an under-construction freeway expansion required installation of a subsurface utility corridor through a former gasoline service station where significant residual petroleum contaminants remained in place. Conducted expedited site assessment of conditions along utility corridors to evaluate construction worker exposure risks during pending phases of the project.

**Active Recycling and Scrap Metal Facility, Riverside, CA****Site Assessment**

On behalf of a City redevelopment agency, performed site assessment of a 5-acre active recycling and scrap metal facility to support conversion of the site to residential housing. Assessment activities were conducted while the plant was in operation, with the objective to quantify environmental risk, liability, and required remediation of the project site prior to acquisition of the real property by the City.

**Former Gasoline Service Station, San Fernando Valley, CA****Site Assessment and Remediation**

Former gasoline service station operations had resulted in a release of hydrocarbons to soil and shallow groundwater. Upon completion of site investigation, dual-phase extraction remediation was initiated. Impacted groundwater was extracted, treated with an on-site treatment system, and re-injected under Waste Discharge Requirements permit outside of the treatment area. Simultaneously, soil vapor extraction removed the secondary source. A total of 340,000 gallons of groundwater and 1,000 pounds of petroleum hydrocarbons were extracted and treated. The site was granted closure by the Los Angeles Regional Water Quality Control Board.

**Professional Experience:**

EFI Global, Los Angeles, CA, 2015 - Present

Andersen Environmental (now EFI Global), Los Angeles, CA, 2013 - 2015

Ami Adini & Associates, Inc., Los Angeles, CA, Lead Project Manager, 2008 – 2013

**Specialized Education:**

Design Fundamentals and Best Practices for Cost Effective In Situ Groundwater Remediation Seminar, 2015

Integrated Site Remediation & Vapor Intrusion Seminar, 2013

California Certified Unified Program Agencies Training Forum, 2012 and 2016

**Education:**

Bachelor of Science, Geology, University of California Los Angeles, Los Angeles, CA