

## John G. Siskowic, PG | Senior Geologist, Professional Geologist

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### Professional Summary:

John G. Siskowic is a California licensed Professional Geologist with over 18 years of experience in environmental and geotechnical consulting and engineering. Mr. Siskowic has been involved with geotechnical and environmental projects in southern California for the past 15 years, following his practicing in the San Francisco Bay Area for three years.

Mr. Siskowic formerly served as the Director of Geotechnical Services and as a Senior Project Geologist. Serving in this capacity, he was involved on hundreds of grading, foundation, and underground utilities installation projects. He previously served as the Project Geologist on a 280-lot site in Carmel Valley, California, where he was in charge of leach field location, percolation testing, and geologic hazards identification. The latter consisted of aerial photography interpretation, landslide delineation, detailed landslide mapping, and mitigation of landslide hazards.

Mr. Siskowic has also served as Senior Project Manager and Geologist for environmental site assessments and environmental cleanups at numerous service stations, dry cleaners and other industrial/ commercial properties. Mr. Siskowic has prepared multiple Work Plans, Remedial Action Plans and Site Conceptual Models as directed by various regulatory agencies and is experienced with regulatory negotiation in several states. In addition, Mr. Siskowic has performed multiple complex subsurface investigations related to hydrocarbon and VOC releases, UST and hydraulic lift removals, and raw sewerage releases, with an emphasis on bringing sites to Regulatory Closure.

Understanding and delineating the horizontal and vertical extent of contamination and developing conceptual site models is one of Mr. Siskowic's most valuable strengths. He has experience in evaluating subsurface soils and bedrock and contaminants in soil, soil vapor and groundwater in the context of real estate transactions, release investigations and remedial and regulatory compliance. Mr. Siskowic has extensive experience in project plan cost estimation and in the delineation of contaminants in soil and groundwater using various soil and groundwater sampling methods. By collecting quality data in the field, Mr. Siskowic is able to provide meaningful remedial cost estimates for contaminated properties.

Mr. Siskowic's Areas of Expertise include the following:

- Geotechnical Field Testing for conformance with Geotechnical Recommendations; Geotechnical Laboratory Testing; Geotechnical Field Investigations.
- Design and implementation of numerous Phase II and Site Characterization soil, soil vapor and groundwater investigations for a variety of suspected contaminants for due diligence and liability purposes.
- Regulatory negotiation, design, cost estimating, implementation and project management of numerous soil and groundwater investigations and remediation projects in conjunction with regulatory agency directives.
- Design, regulatory correspondence, project management, execution and reporting on hundreds of UST removals and contaminated soil over-excavation projects.
- Preparation of Remedial Action Plans/Work Plans, Progress Reports, Site Conceptual Models and Summary/Closure Reports for site investigations and site cleanups under the oversight of various regulatory agencies inside and outside California.

- Geologic Inspections for real estate transactions of hillside homes and Forensic Manometer Surveying of distressed structures.
- Soil Excavation and Replacement; Remediation by various methods; Providing Remedial Cost Estimates.
- Water Intrusion Investigations.
- Geotechnical investigations and site observation and testing oversight, including design and installation of artificial turf fields and associated drainage at a private K-8 parochial school and a public, grade 9-12 high school.
- Methane Testing and Reporting on several hundreds of redevelopment Sites throughout the City of Los Angeles to satisfy Los Angeles Department of Building and Safety Methane Zone testing requirements.

### Licenses and Certifications:

Professional Geologist (PG), Board for Geologists and Geophysicists, CA, Lic. #8255

OSHA 40-Hour Hazardous Waste Operations Certified, National Safety Institute, CA

OSHA 8-Hr Refresher Current, Safety Unlimited, CA

Nuclear Gauge (Moisture and Density) Certified, CPN International, CA

Radiation Safety Certified, CPN International, CA

### Project Experience:

#### **Cogen Landfill, Los Angeles, CA Landfill Gas Monitoring**

The County of Los Angeles Department of Public Works (DPW) owns a small portion of the Cogen Landfill, a former municipal landfill which closed in 1958. Since 2013, EFI Global has provided ongoing monthly Surficial Landfill Gas Monitoring and Reporting for the County-owned portion of the former Cogen Landfill. Ongoing monitoring consists of taking monthly readings at 20 surface locations for the presence of landfill gasses, including methane, hydrogen sulfide, oxygen and carbon dioxide and reporting the monthly and historic results in a written report on a monthly basis. In March, 2016, EFI Global was contracted by the DPW to provide a one-time surficial monitoring event at newly-opening cracks in the roadway within the County-owned portion of the former Cogen Landfill. Monitoring consisted of taking readings at surface locations along opening cracks in a roadway that appears to be experiencing settlement. The scope of work involved determining which locations to monitor, followed by monitoring the chosen surficial points for the presence of landfill gasses, including methane, hydrogen sulfide, oxygen and carbon dioxide. Results were reported and recommendations made for temporary mitigation of the surface emissions.

#### **General Electric Wind Energy, Lamar, CO Site Characterization and Remediation**

General Electric Wind Energy (GEWE) was excavating for a wind tower foundation in eastern Colorado when construction workers discovered an asphaltic, petroleum-based compound during initial excavation activities. Quick response to identify and mitigate the problem included characterizing the substance and extent of impact, subsequent regulatory involvement and remediation of the Site under the State Voluntary Cleanup Program (VCUP). Not only was the Site effectively and efficiently remediated to Closure under the VCUP by removing and disposing of the

contaminated soil and sludge, but information obtained from local resources identified the responsible party, a local paving contractor that had dumped the material in the 1960s.

**Hollander Home Fashions, Vernon, CA  
Phase II ESA and Site Characterization**

A pillow and bedding manufacturer occupied a former Solar Manufacturing Site which previously utilized TCE in the manufacturing process. Subsurface vapor screening indicated TCE had been released. Subsequent Site Characterization activities while the property was on the market found the Site soil and soil vapor was very heavily impacted with TCE. Timely assessment, development of a site conceptual model and regulatory involvement allowed for the Client to sell the property prior to substantial, long-term remedial efforts beginning at the Site.

**Okeh Caterers, Bell, CA  
Phase II ESA followed by Site Characterization**

The Site formerly hosted gasoline USTs used to fuel a fleet of catering trucks. The USTs were removed without soil sampling. A subsequent Phase I identified the Tanks as well as two offsite, up-gradient petroleum releases. Drilling on site indicated clean soils to 14 feet. Gasoline impacted soils were present below 14 feet to groundwater at 28 feet, with concentrations in groundwater high enough to indicate free product may be present at the Site. Further Site characterization showed the up-gradient releases were responsible for the fuel contamination beneath the Site, as we were able to show that groundwater levels had declined since the release occurred. Falling groundwater levels had created a "smear zone" of impacted soil below 14 feet. Our work showed the Client was not a responsible party for the soil and groundwater contamination beneath the Site.

**Professional Experience:**

EFI Global, Los Angeles, CA, Senior Geologist, 2015 – Present  
Andersen Environmental, Los Angeles, CA, Senior Geologist, 2012 – 2015  
AEI Consultants, Hermosa Beach, CA, Director of Geotechnical Engineering/Senior Project Geologist, 2000 – 2008  
Redwood Geotechnical Engineering, Morgan Hill, CA, Project Geologist, 1998 – 2000

**Specialized Education:**

Foundation Design for Non-engineers, University of Wisconsin Professional Course, 2000  
TBA/MTBE Remediation Seminar, Professional Course, Fall 2002  
HAZWOPR 24-hour Certified Training, June 2002  
HAZWOPR 40-hour Certified Training, November 2004  
Hazard Communication Standard Training, Michael Ridosh, 2014  
OSHA 30-Hour Construction Safety Course, December 2016  
HAZWOPR Certified 8-hour Refresher (current through May, 2018)

**Education:**

Coursework for Master of Science – Engineering Geology, San Jose State University, San Jose, California, Completed 1998.



Bachelor of Science, *Cum Laude*– Geological Sciences, Portland State University, Portland, Oregon, 1996.

\*\*Litigation CV available upon request.