



PROFESSIONAL PROFILE



Kimberly Lake, PG

Technical Director

CONTACT INFORMATION

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EDUCATION

BS, Geology, Hope College, 1999

PROFESSIONAL LICENSES

Professional Geologist:
California, License No. 7792

EXPERIENCE SUMMARY

More than twenty years of environmental consulting experience including environmental site assessment and remediation, project management, insurance claim evaluation, financial auditing, and litigation support. Ms. Lake is a licensed Professional Geologist in the State of California. Her experience covers environmental pollutants such as solvents, petroleum hydrocarbons, metals, pesticides, perchlorate, PCBs, and sulfolane. Ms. Lake has completed numerous remedial investigations. She assisted in the design and installation of soil and groundwater remediation systems and supervised the installation and maintenance of vapor intrusion mitigation systems. With a solid foundation in environmental characterization, the past fifteen years of Ms. Lake's career has focused largely on providing technical support and financial evaluations for environmental insurance claims.

- Roux, 2014 – 2016; 2024 – present
- Independent Consultant, 2016 – 2023
- Johnson Wright Inc., 2009 – 2013
- ERM Inc., 1999 – 2009

TECHNICAL SPECIALTIES

Kimberly's experience in environmental site characterization, insurance claim evaluation, financial auditing, and litigation support. Ms. Lake's expertise includes:

- Review, assessment, and categorization of incurred costs related to investigation and remediation of contaminated sites;
- Environmental data analysis and source identification; and
- Management and oversight of site characterization projects involving impacts to soil, soil vapor, groundwater, indoor air, and surface water.

REPRESENTATIVE PROJECTS

- **Lower Duwamish Waterway Superfund Site, Washington.** Provided technical support to a named PRP during the allocation process for a Superfund Site in the Pacific Northwest. Evaluated historical operations at site and vicinity, potential contributions from the site and other nearby facilities, and assisted with preparing technical responses and other submittals to the Allocator.
- **Former Military Facility, Northern California.** Provided technical and claims analysis in support of expert opinion as part of a bad faith lawsuit between insurance carrier and insured for a large, complex former military site in California. Evaluated adequacy of claims submittals and reasonableness of environmental costs.
- **Former Industrial Facility, Indiana.** Provided technical support and oversight of insured's consultant and conducted reasonableness analysis of claimed costs for a former industrial facility in southern Indiana. The site included multiple VOC-source areas from former operations and was immediately adjacent to a residential area. Provided technical support and oversight of the insured's consultant, identified site characterization deficiencies, and assisted the carrier and insured with contracting a new consultant to improve effectiveness and efficiency of site cleanup and closure.
- **Portland Harbor Superfund Site, Oregon.** Categorized and evaluated reasonableness of costs for on-going environmental activities at multiple sites for one of the named PRPs of the Portland Harbor Superfund Site.

- **Former Dry Cleaner, Northern California.** Provided technical support in ongoing case related to environmental damages arising from a former dry cleaning operation in the San Francisco Bay area. Evaluated investigation and remedial actions conducted to date, proposed site conceptual model, and identified investigative data gaps, including potential additional offsite source contributions.
- **School Site, Massachusetts.** Provided technical support for evaluating nature and timing of a fuel release from newly installed generator at a school site in Massachusetts. Prepared Claim Investigation Report to support coverage determination.
- **Former Military Site, Southern California.** Provided expert witness support and project management sediment cleanup site in Southern California. Evaluated watershed-scale changes in land use, site operations, and stormwater conveyances within a 1,500-acre+ drainage basin. Identified potential sources of contaminants. Managed and conducted the evaluation of large volume of historical data including aerial photographs, technical reports, facility records, and deposition testimony. Managed development of GIS database of land use and areas of responsibility for stormwater discharges over time. Participated in strategy meetings and managed the preparation of the expert report and rebuttal report.
- **Former Dry Cleaner, Los Angeles Area, California.** Evaluated nature and timing of releases of PCE to soil and groundwater to support settlement negotiations between former operator and current property owner.
- **Former Paper Mill, Washington.** Reviewed and evaluated allocation models proposed by multiple PRPs for response costs for sediment cleanup site in Washington to support mediation negotiations.
- **Portland Harbor Superfund Site, Oregon.** Provided technical evaluations for a named PRP in support of the allocation process for the Portland Harbor Superfund Site. Evaluated historical site operations, previous investigation and response actions, assertions made by other PRPs, and potential contribution. Developed potential allocation model for past and future response costs.
- **Former Dry Cleaner, San Francisco Bay Area, California.** Evaluated nature and timing of PCE releases from a former dry cleaning facility in the San Francisco Bay Area to facilitate coverage determination.
- **Pesticide Disposal Site, Oregon.** Provided technical support in case related to environmental damages from historical disposal of pesticide wastes at a property in eastern Oregon. Evaluated the nature and extent of contamination, identified likely future remediation scenarios and cost estimates.
- **Dry Cleaner Site, New Mexico.** Evaluated proposed remedial actions and cost estimates to address PCE contamination in soil and groundwater at an active dry cleaning facility in New Mexico to support settlement negotiations.
- **Former Military Site, Southern California.** Provided expert witness support. Evaluated PCB contributions from multiple sources and evaluated remediation and redevelopment activities to understand redistribution of contaminants in soil.
- **Small Marina, Washington.** Evaluated the reasonableness of activities and costs associated with the site characterization and improvements to stormwater conveyance system.
- **Former Refinery, Alaska.** Evaluated claimed response costs for the largest environmental case in the State of Alaska at the time. The Site had high political profile due to sulfolane contamination within private residential and municipal drinking water supplies. Identified environmental and non-environmental costs for carrier to make defense and indemnity determination.
- **Passaic River Superfund Site, New Jersey.** Prepared a technical report for insurance carriers with potential liability at multiple sites near the mega-sediment Superfund Site in New Jersey. The technical report provided the carriers with a historical overview of the Superfund Site and major upland sources, status of environmental assessment and cleanup of the river and major upland sources, and a matrix of PRPs identified by the USEPA and lawsuits filed by other named PRPs.
- **Chrome Plating Facility, New York.** Conducted technical analysis in support of expert opinion for an insurance coverage claim relating to environmental damages arising from the operations of a chrome plating facility in East Syracuse, New York. Provided technical evaluations and assistance in support of expert opinions on the nature, number, and timing of releases at the site and the possible contribution of the releases to the surrounding environmental contamination.
- **Former Industrial Facility, Southern California.** Provided support to technical expert in a cost allocation case between insurance carriers involving environmental investigation and remediation activities at a former industrial site in Santa Clarita, California. Evaluated historical and ongoing incurred costs associated with environmental activities.
- **Former Light Industrial Facility, Northern California.** Project manager for complex site investigation and remediation of light industrial property within residential area in Northern California. Soil and groundwater impacted by chlorinated solvents from previous on-site tenant operations as well as off-site upgradient sources. Commingled groundwater plume extended off-site beneath residential area, resulting in impacts to residential indoor air and private irrigation wells.



Coordinated and managed remedial investigation, feasibility study, pilot studies, installation of permeable reactive barrier (shallow groundwater), implementation of in-situ chemical oxidation (deeper groundwater), removal of private wells, and installation/maintenance of vapor intrusion mitigation systems. Toxic tort litigation alleging personal injuries and property damages.

- **Former Industrial Facility, Indiana.** Lead field geologist for multi-phased investigation of former appliance manufacturing facility now occupied by large-scale dry-cleaning operations in Southern Indiana. Site soil and groundwater impacted by

multiple source areas of chlorinated solvents and petroleum hydrocarbons. Coordinated field activities with current owner/operator.

- **Active Pharmaceutical Plant, Ohio.** Lead field geologist for Phase I and Phase II investigation of active pharmaceuticals plant in Southern Ohio. Site soil and groundwater impacted by variety of VOCs.
- **Former Industrial Facility, Illinois.** Assisted with confirmation soil sampling for PCB soil removal action at former manufacturing facility in Illinois.