

Elisa Kolek
Assistant Environmental Scientist
Waterstone Environmental, Inc.

Ms. Kolek is an assistant environmental scientist at Waterstone Environmental, and her primary responsibilities include fieldwork activities and management/supervision of subcontractor operations, oversight of data management, report preparation, and support on litigation work. Ms. Kolek began her career at Waterstone Environmental in 2023. Ms. Kolek completed her Bachelor of Science in Environmental Science from the University of California, Los Angeles. Prior to joining Waterstone, Ms. Kolek conducted work for the Office of Environmental Health Hazard Assessment (OEHHA).

Education and Certificates

- B.S., Environmental Science, University of California, Los Angeles, 2023.
- Minor, Atmospheric and Oceanic Science, University of California, Los Angeles, 2023.

Specialized Training

- OSHA 40-HR HAZWOPER Training, 2023-Current
- CPR and First Aid Training, 2024-Current

Capabilities

- Soil and Groundwater Sampling
- Soil Vapor Well Installation
- Indoor Air Sampling
- Wipe Sampling
- Fieldwork Activities and Management
- Supervision of Direct Push and Hollow Stem Auger Rigs
- Groundwater Quality Monitoring
- Environmental Site Assessments (Phase I/Phase II)
- Phase I and II Report Preparation
- Database Management and Processing
- Litigation Support

Projects and Experience

Environmental Site Assessments

- Ms. Kolek has assisted in site assessments throughout Southern California for a variety of clients. Each of these projects required visual assessment of the property utilizing aerial photographs and on-site reconnaissance; research of the potential environmental concerns at the property and adjacent properties, performing interviews with site contacts, and aiding in the completion of the Phase I Environmental Site Assessment Report that summarized the potential or absence of environmental impact to the property.

Fieldwork Capabilities and Supervision

- Ms. Kolek has supervised, assisted, and participated in a variety of field work activities involving contamination on multiple commercial properties, schools, and undeveloped parcels throughout Southern California. Field work activities have involved soil sampling for a host of contaminants including, but not limited to, volatile organic compounds, total petroleum hydrocarbons, metals, pesticides, and polychlorinated biphenyls. During each soil sampling activity, she was responsible for supervision of subcontractor operations, monitoring health and safety for all individual parties involved in the investigation, and characterizing and logging soils. Furthermore, Ms. Kolek is familiar with the operation of truck-mounted and limited access direct push drilling equipment.
- Ms. Kolek has performed oversight and been involved in activities regarding groundwater and vapor sampling. Activities included supervision of well development and collection of soil and groundwater samples for monitoring reporting at multiple properties. Ms. Kolek has also completed soil vapor surveys for both volatile organic compounds and methane.
- Ms. Kolek has performed oversight and been involved in the implementation of closure activities for a conditionally authorized treatment system located at a former anodizing facility. Activities included supervision of subcontractor operations, communication with the Los Angeles Fire Department (CUPA), confirmation wipe sampling, and report preparation.
- Ms. Kolek has prepared subcontracts, marked borings, arranged for subsurface utility clearance, and coordinated with laboratories for pick-up and analysis of soil and/or groundwater samples.

Litigation Support

- Ms. Kolek has worked on several litigation cases nationwide. She was responsible for creating figures, database management and analysis, document management and review, and report preparation.

Health and Safety

- Ms. Kolek has prepared numerous Health and Safety Plans for various Phase II soil investigations and remediation projects.

- Ms. Kolek has been the Health and Safety Supervisor on numerous job sites.