

Samantha Bleu Amador
Assistant Environmental Scientist
Waterstone Environmental, Inc.

Ms. Amador is an assistant environmental scientist at Waterstone Environmental, and her primary responsibilities include fieldwork activities, data management, and report preparation. Ms. Amador completed her Bachelor of Science in BioResource Research with a concentration in Environmental and Molecular Toxicology from Oregon State University. Ms. Amador began her career at Waterstone Environmental in 2025.

- B.S., BioResource Research, Oregon State University, 2022.
- Minor, Chemistry and Toxicology, Oregon State University, 2022.

Specialized Training

- OSHA 40-HR HAZWOPER Training, 2025
- CPR and First Aid Training, 2026
- 1466 Dust Control Training, 2026

Capabilities

- Fieldwork Activities and Management
- Soil Vapor and Groundwater Well Installation
- Supervision of Direct Push and Hollow Stem Auger Rigs
- Soil, Soil Vapor, and Groundwater Sampling
- Groundwater Quality Monitoring
- Soil Vapor Sampling – Radon and Methane
- Indoor Air Sampling – Evacuated Canisters and Sorbent Samplers
- Stockpile Sampling
- Phase I Environmental Site Assessments
- Phase II Environmental Site Investigations
- Database Management and Processing
- Electromagnetic Field and Radio Frequency Radiation Surveys

Projects and Experience

Environmental Site Assessments

- Ms. Amador has assisted in site assessments throughout Southern California for commercial properties, undeveloped parcels, and a community college. 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. Amador has supervised, assisted, and participated in a variety of field work activities involving contamination assessment on multiple residential and commercial properties, schools, and undeveloped parcels throughout Southern California. Field work activities have involved assisting in 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 has assisted in supervision of subcontractor operations, monitoring health and safety for all individual parties involved in the investigation, and characterizing and logging soils.
- Ms. Amador has participated and performed oversight in activities regarding groundwater monitoring and sampling. Activities include collection of groundwater samples, collection of depth to water and depth to product measurements, collection of groundwater quality data, supervision of subcontractor operations, and coordinating with laboratories for sampling supplies, sample submittals, and analysis of groundwater/soil vapor samples. Ms. Amador has experience in overseeing groundwater sampling using low-flow techniques as well as collecting groundwater samples via hand-bailing and passive diffusion bladders.
- Ms. Amador has performed oversight and been involved in activities regarding soil vapor sampling. Activities included installation and sampling of soil vapor probes and subslab vapor pins.
- Ms. Amador has experience in performing indoor air sampling on multiple commercial properties as well as school sites. She has conducted numerous indoor air sampling events and building surveys under the oversight of local environmental regulatory agencies. Ms. Amador has also carried out air sampling events via sorbent tube.
- Ms. Amador has participated and performed oversight in various activities completed by construction teams. Activities included the excavation and closure of a clarifier at a former chrome plating facility. During these activities, Ms. Amador was responsible for supervision of subcontractor operations and monitoring of soil when applicable.

- Ms. Amador has been extensively involved in project start-up activities in which she 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.

Health and Safety

- Ms. Amador has prepared numerous Health and Safety Plans for various Phase II soil investigations and remediation projects.
- Ms. Amador has been the Health and Safety Supervisor on numerous job sites.
- Ms. Amador is compliant with all CPR and first aid training requirements for HAZWOPER.