

ALLISON O'NEAL

Education

BS – Geology, Humboldt State University, Arcata, 2018

Specialty Certifications

40-Hour OSHA EPA-Approved Hazardous Waste Operations & Emergency Response (HAZWOPER) Training

Professional Affiliation

San Diego Association of Geologists – Member



Professional Experience

Ms. O'Neal is an environmental professional with specialized experience in site assessment, subsurface investigation, and due diligence reporting. She is responsible for performing site reconnaissance, reviewing regulatory agency records and historical documents, interpreting evidence related to historical land use, monitoring soil management, collecting data (soil, groundwater, soil vapor sampling, etc.), and generating maps for soil boring/well logs, groundwater gradients, and hydrocarbon iso-concentrations. She also oversees drilling and groundwater monitoring well installations, writes reports for Phase I and II Environmental Site Assessments (ESAs), and ensures that groundwater monitoring reports meet regulatory agency standards.

Her project experience is summarized below.

Mission Village Shopping Center, Former Dry Cleaning Facility, San Diego, CA. Ms. O'Neal conducted soil and groundwater assessments to determine the attenuation of a plume of constituents of concern while meeting requirements of the Department of Environmental Health. She oversaw six well installations that included properly documenting well log data. She also assisted with the technical writing of the Subsurface Assessment Report, and created groundwater gradient and constituents of concern iso-concentration maps.

Villa de Vida Project, Special Needs Residential Community, Phase I and II ESA, San Diego, CA. Ms. O'Neal performed a Phase I ESA on the property and analyzed the status of potential Recognized Environmental Concerns (RECs), such as a release from on-site underground storage tanks (USTs) (the tanks were used when the site was a Public Works Road Station). The Phase I ESA recommended a subsurface site assessment because of the close proximity to the former USTs. During the Phase II investigation, soil samples detected elevated concentrations of petroleum hydrocarbons. Ms. O'Neal oversaw excavation of the contaminated soil and collected soil confirmation samples at the edges of the excavation.

Former Country Hills Dry Cleaners, In Situ Chemical Reduction Feasibility Study, Diamond Bar, CA. Ms. O'Neal oversaw drilling and direct push injection of the appropriate amendments to remediate constituents of concern associated with a former dry cleaner at the site. She created

boring logs, collected waste characterization samples, and helped manage site safety. In addition, she assisted in obtaining the regulatory permits required for the site from the City of Diamond Bar.

Community HousingWorks San Marcos, Affordable Housing Development, Phase I and II ESAs, San Marcos, CA. Ms. O'Neal performed a Phase I ESA on the property and analyzed the status of RECs, such as a release from a dry cleaning facility adjacent to the site. After completing the Phase I ESA, SCS recommended a subsurface assessment regarding a historically documented release of constituents of concern. During the Phase II investigation, Ms. O'Neal organized the utility mark-out, mapped boring locations, and oversaw the installation and retrieval of soil vapor samples that were collected. She wrote technical reports for both phases of the environmental investigation.

Clairemont Village Shopping Center, Phase I ESA, San Diego, CA. Ms. O'Neal completed a Phase I ESA investigation that included extensive historical research on several automotive repair facilities adjacent to the site, and historic releases from a former gas station and dry cleaning facility also on site. In addition, the client required asbestos, radon, lead-based paint, and mold inspections at the property, using their specific guidance. After completing the Phase I ESA, SCS recommended additional soil vapor sampling in the areas of the former dry cleaner and gas station.