TED M. SISON, REPA, CPSWQ, QSD

Education

BS – Plant Science, California State University, Fresno, 1998

Professional Registrations

California Certified Lead Inspector/Assessor (No. 20179)
Certified Professional in Storm Water Quality (CPSWQ) (No. 0743)
Qualified Storm Water Pollution Prevention Plan (SWPPP) Developer (QSD) – California (No. 20210)
Registered Environmental Property Assessor (REPA) (No. 567374)

Professional Certifications

40-Hour HAZWOPER (2001)

Professional Affiliations

California Groundwater Resources Association – Member
National Groundwater Association – Member

Professional Experience

During his 19 years at SCS, Mr. Sison has performed and managed numerous projects related to the investigation and remediation of environmental contaminants at a wide variety of sites, including farms, chemical manufacturing facilities, manufacturing facilities, apartment complexes, public buildings, shopping centers, vacant lots, landfills, transfer stations, fuel stations, utility easements, Brownfields sites, and oil fields. He has designed, managed, and been involved with a multitude of soil and groundwater investigations, groundwater and soil vapor remediation systems, construction remediation projects, storm water programs at industrial sites, building material assessment and abatement projects, and indoor air investigations. Contaminants of concern have included a variety of petroleum hydrocarbons, chlorinated solvents, heavy metals, polychlorinated biphenyls (PCBs), dioxins and furans, and agricultural chemicals.

Examples of his project experience include:

Phase II Site Investigation, Copperwood Shopping Center, Fair Oaks, CA (January 2017 to Present). Project Manager for this former dry cleaner project, which to date has included groundwater monitoring, soil vapor point installations, slab attenuation estimations, indoor air estimations, and temp groundwater borings. Mr. Sison directed field crews, evaluated sample results, and prepared investigation summary reports and a Conceptual Site Model for submittal to the Regional Water Quality Control Board (RWQCB).

Phase II Site Investigation and Phase III Bio-Remediation, Former East Bay Ford Facility, Oakland, CA (January 2014 to 2016). Project Manager of the field program, including the

installation of environmental borings and groundwater wells for evaluating subsurface conditions and monitoring the effectiveness of a bioremediation injection program. Mr. Sison directed field crews, evaluated sample results, and prepared an investigation summary report, soil management plan, and Conceptual Site Model for submittal to the RWQCB. He also managed the design and implementation of the biochemical injection remediation program to remediate soil impacted with petroleum hydrocarbons and chlorinated solvents.

Indoor Air Quality (IAQ) Monitoring, New Community Building, Milpitas, CA (2019). Mr. Sison designed, managed, and performed an indoor air sampling event to evaluate whether indoor air in the building was impacted with solvent-related contaminants from an historic adjacent release.

Phase II Site investigations, City of Milpitas, CA (in Progress). Project Manager for City of Milpitas on-call environmental services contract. Activities include on-call mobilization to address City projects as environmental consulting needs arise. Mr. Sison has managed several projects, including soil characterization at the site, including City Corporation Yard, VTA alignment, Fire Department, Utility Corridors, Historic Properties, and other City properties.

Phase II and III, Agbayani Construction Company, Daly City, CA (2014 to Present). Mr. Sison manages this project involving the investigation and remediation of petroleum hydrocarbon and chlorinated solvent impacts. Activities include operating, monitoring, compliance, and operation and management (O&M) of a dual-phase treatment system, on and off soil vapor monitoring, groundwater monitoring, soil vapor modeling, and coordination with multiple regulatory agencies. This case is nearly ready for closure.

IAQ Monitoring, Tutoring Center, Los Gatos, CA (2018-2019). Mr. Sison managed and performed multiple indoor air sampling events, a groundwater investigation, and monitoring well installation to evaluate whether indoor air and subsurface have impacts from an historic dry cleaner.

Phase I/II Site Investigation and Phase III Remediation, City of Milpitas Historic Grammar School/New Public Library, Milpitas, CA (2005 to 2008). Mr. Sison was one of the initial SCS team members involved in this significant Brownfields project starting in 2005. He performed and managed extensive environmental assessment and investigation activities, and directed remediation activities to convert an historic grammar school and adjacent impacted properties into the City's current public library complex. Activities included the successful closure of one Leaking Underground Storage Tank (LUST) case.

Dual Phase Treatment System Operation, Groundwater Monitoring, and Regulatory Case Closure Petitions, City of Morgan Hill (2002 to 2015). Mr. Sison was directly involved with conducting and managing the field program since 2001 for this project, and assumed the role of Project Manager for the entire project as of 2014. The project involved a significant fuel leak case, operation of a dual-phase treatment system, system O&M activities, long-term groundwater extraction and monitoring (nearly 50 wells), installation of additional groundwater and remediation wells, and preparation of numerous reports, including corrective action plans, site conceptual models, sensitive receptor surveys, treatment system shutdown petition, and case closure evaluations. Case closure was granted as of Spring 2015.

Phase I, Levi Village, San Francisco, CA (2019). Mr. Sison managed and performed a site assessment at the Levis World Headquarters, which included seven multi-story buildings in downtown San Francisco.

Storm Water Compliance, Altamont Landfill, Livermore, CA (2005 to Present). Mr. Sison co-manages the Industrial General Permit (IGP) and Waste Discharge Requirements (WDR) sampling and compliance program at one of the largest landfills in California.

Tyco Electronics (Former Raychem Facility and Current Facebook Campus), Menlo Park, CA (2001 to 2006). Mr. Sison performed soil and groundwater investigations, assisted and directed field crews, collected and mapped confirmation soil samples, performed construction remediation health and safety monitoring, and assisted with a multitude of regulatory documents during multiple phases of Interim Remedial Measures (IRMs) to remove chemical impacts associated with past site activities prior to site redevelopment.

Management of Monitoring Program and Completion of Miscellaneous Environmental Activities, Cesar Chavez Park/Closed Berkeley Landfill, City of Berkeley (2008 to Present). Site is under Waste Discharge Requirements (WDRs), and Mr. Sison manages the monitoring program to ensure constituents are not polluting the Bay. He completes associated routine reports required by the RWQCB, and has also completed several on site investigations and environmental activities requested by the City of Berkeley and the RWQCB.

City of Burlingame Landfill (2017 to Present). The site is under WDRs. Mr. Sison manages the monitoring and compliance program to ensure constituents of the closed landfill are not escaping and polluting the Bay. He also completes associated routine reports required by the RWQCB.

West Sacramento Area Flood Control Agency (WSAFCA), West Sacramento, CA (November 2012 to February 2013). Mr. Sison led some of the Phase II field investigation program for WSAFCA to sample and analyze current and former agricultural sites and petroleum hydrocarbon sites for levee improvement project. Department of Toxic Substances Control (DTSC) guidelines were followed; the project included collection of hundreds of soil samples, mapping sample locations, evaluating analytical results, and summarizing procedures and results in summary reports.

Phase II Subsurface Investigation, Time Oil Site, 1155 Linden Road, West Sacramento, CA (2015). Mr. Sison directed and performed some of the subsurface investigation activities to assess the severity of impacts associated with the historic bulk petroleum hydrocarbon fuel tank farm. Primary responsibilities included managing a drill crew to install soil borings, inspection and characterization of soil samples, mapping boring locations, ensuring permit compliance, and evaluation of data.

Soil Sampling/Analysis/Disposal Characterization and Coordination, Bridge Housing, MacArthur Bart Station Redevelopment Project, Oakland, CA (2014 to 2015). Impacted soil encountered during site redevelopment was sampled; soil was characterized and disposal options were evaluated; and soil was loaded onto trucks and hauled off site to a local landfill for disposal.

Mr. Sison's project experience also includes:

- Extensive experience with laboratory analytical methods and evaluation of analytical data related to contaminants in the environment.

- Completion of a multitude of technical reports for submittal to regulatory agencies, including investigation work plans, environmental investigation reports, site conceptual models, completion reports, monitoring reports, conceptual site models, corrective action plans, feasibility studies, health and safety plans, etc.

- Extensive experience in planning, drilling, constructing, and destroying groundwater monitoring wells and other borings using a variety of drilling and boring methods, including direct push, hollow stem auger, sonic, air rotary, and mud rotary systems to evaluate and monitor subsurface conditions. Mr. Sison is proficient with unusual well constructions and logging subsurface geologic conditions using the Unified Soil Classification System.

- Extensive experience with installation, monitoring, and sampling of well systems to determine the presence and nature of subsurface contaminants in the subsurface. Mr. Sison is an expert with most groundwater purge and sample collection methodologies and equipment.

- Hands-on experience in all phases of the storm water regulatory process, including preparation of SWPPPs and Storm Water Management Plans (SWMPs) for industrial facilities and construction sites, WDRs for landfills, Best Management Practice (BMP) selection and performance, troubleshooting potential pollutant sources and inspection, sampling, and reporting protocols, including preparation of Level 1 Exceedance Response Action (ERA) reports.

Mr. Sison is a Registered Environmental Assessor in California, a Certified Professional in Storm Water Quality (CPSWQ), and a Qualified SWPPP Developer (QSD) in California.

He is currently overseeing storm water compliance programs for multiple industrial facilities, including a state-of-the-art aggregates distribution facility in the San Francisco Bay Area, a Bay Area pre-cast concrete production facility, multiple electronic waste recycling facilities in the Bay Area and Central Valley, and the largest solid waste landfill in Northern California.

He also has extensive experience working on a multitude of landfills in California. Experience includes groundwater and surface water monitoring, well installation, destruction and oversight, piping installation oversight, well pump design and installation, as-built mapping, subsurface fire investigations, hydrogen sulfide (H_2S) investigations, grading, and other construction activities, including health and safety monitoring, compliance monitoring, heavy equipment operation, surveying/mapping, geotechnical/differential settlement investigations, routine groundwater and LFG monitoring, Tier 2 studies, source test oversight, etc.

Mr. Sison has participated in a certified health and safety program in compliance with OSHA Standard 29 CFR 1910.120. He is knowledgeable of incident response operations, team functions, personnel safety, and a wide array of field and monitoring equipment. He is able to recognize and evaluate potential chemical and physical hazards and associated risks in operations; discuss and interpret direct reading instruments; and examine and establish Standard Operating Safety Guidelines to ensure safe and effective response operations.