

JORGE I. VIZCAINO,

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SUMMARY

As the President of Aero-Environmental Consulting, INC. I am certified as an Industrial Hygienist, Hazardous Material Manager, and Asbestos/Lead Consultant, with over 25 years of experience in industrial hygiene, environmental management, health & safety evaluations, and federal & state regulatory compliance activities. I specialize in industrial chemical exposure, hazardous materials, indoor air quality, hazardous waste management and oversight, general industrial hygiene, safety, and environmental compliance evaluations. I routinely oversee and conduct environmental management, chemical safety training, chemical exposure assessments, noise assessments, and hazardous waste management at multi-location industrial facilities in the construction industry, agricultural processing, chemical processing, distribution/transportation, metals, and industrial manufacturing sectors.

I have been responsible for providing environmental compliance and industrial hygiene support to NASA Ames, Leemore Naval Air Base, Naval Air Weapons Station, Constellation Brands, DeSilva Gates Construction, Moss Landing Power Plant, Dole Food Products, projects between 2014 and 2025. In this capacity, I effectively communicated EHS liabilities to senior management regarding ongoing operations and planned capital projects, identified compliance alternatives and/or corrective actions to mitigate risk, and monitored implementation of necessary actions. Specific environmental and industrial hygiene activities included asbestos, lead-based paint, and PCB waste management, hazardous waste management, health & safety auditing, industrial hygiene, and other regulatory compliance activities.

HIGHLIGHTS

- Strong knowledge and experience in interpreting, applying, and documenting federal, state, and local safety, transportation, and environmental compliance regulations.
- Knowledge in Environmental Health and Safety disciplines with experience in hazardous material risk management, environmental compliance/management, industrial hygiene, and indoor air quality.
- Strong oral and written communication skills with the ability to successfully communicate difficult technical issues to all levels of employees and management.
- Experience in administering and executing all types of industrial hygiene activities and programs, associated with manufacturing, industrial, and research and development facilities.
- Environmental Compliance & Operational Audit; Permit Preparation
- Emergency Response Program Management for Hazardous Waste Releases
- Loss Prevention, Petroleum/Hazardous Materials/Hazardous Waste System Consulting
- Strong technical skills and ability to utilize technology to manage and communicate data.
- Working knowledge of several federal (e.g. OSHA, EPA, DOT), local (e.g. CAL/OSHA, DTSC and CUPA) and other related regulatory agency requirements.
- Certified in comprehensive practice for Industrial Hygiene, Phase I/II Environmental Assessments, 40 Hr. HAZWOPER Certified, (CIH, CAC, CHMM)
- Bilingual and bicultural. (Spanish/English), French comprehension.
- Environmental Training experience in topics such as Industrial Hygiene, Hazardous Materials, and Hazardous Waste Management.

PROFESSIONAL EXPERIENCE

AERO-ENVIRONMENTAL CONSULTING, INC. Monterey Peninsula, California, (2002-Present)

Environmental/Industrial Hygiene Services

- Provided environmental regulatory support to industrial/manufacturing facilities, NASA Ames, Stanford Linear Accelerator (SLAC), Constellation Brands, DeSilva Gates Construction, Dole Food Products, and Moss Landing Power Plant as well as other facilities throughout California with respect to air quality, environmental standards, hazardous materials/hazardous waste specifications, site-specific health and safety plans, control and countermeasure, and various other environmental compliance matters. He has successfully negotiated regulatory complaints in support of client operations and has helped prepare numerous compliance action plans to help clients come into compliance.
- Industrial hygiene, safety and environmental management projects including industrial chemical exposure, indoor air quality assessments, hazardous material investigations, remediation/abatement plans and oversight, worker exposure assessment, regulatory agency compliance, Phase I environmental assessments; site specific health & safety plans, environmental training, and on-site monitoring.
- Has routinely conducted research and analysis of engineering, administrative, and PPE for industrial/commercial/government facilities and developed specifications for achieving compliance with Federal, state, and local air and water quality program requirements.
- Conducted abatement oversight and project monitoring for large scale modernization projects with the City of Milpitas, Salinas Union High School District, Pajaro Valley Unified School District, Soledad Unified School District, Department of Parks and Recreation, and Monterey-Salinas Transit.
- Developed and conducted extensive Environmental and Hazard Communication training for industrial and manufacturing facilities, government agencies, commercial property management firms, and multi-media firms.
- Developed at least 20 Site-Specific Health and Safety Plans (SSHASP) for hazardous waste/hazardous materials abatement and industrial/construction remediation projects.
- Moss Landing Power Plant-Decommissioning and Remediation: Retained by FE Group, the remediation contractor, to sample and characterize hazardous waste generated from the anion resins associated with boilers at the Moss Landing Power Plant and in accordance with the Department of Toxic Substance Control (DTSC)-2020-2022
- Asbestos surveying and hazardous waste management for residential properties impacted by wildfires in 2020 and 2021 in accordance with the Santa Cruz County Department of Environmental Health.
- Asbestos and Industrial Hygiene abatement oversight during asbestos abatement activities at Building 19, Naval Air Weapons Station, China Lake, CA-2016
- Industrial Hygiene and Dust Control Monitoring during hospital restoration activities of the Surgical Ward at Leemore Naval Air Base, Leemore, CA-2014
- Industrial Hygiene Lead Abatement Oversight, Hazardous Waste Management, and Noise Monitoring-County of Monterey-Laguna Seca Firing Range. -2016
- Conducted a dust hazard evaluation at Vander Bend Medical. The goal of this evaluation was to determine if the dust collected from the dust collector is explosive and determine which process might be hazardous, provide a solution to eliminate or mitigate any hazards, and have a plan of action in case of an emergency. This was in accordance with EPA, OSHA, and NFPA regulations-2025

- Conducted Chemical Exposure, Respirable Dust and Noise Monitoring for QUANTUMCLEAN, INC-2016-2019.
- Conducted site remediation investigations and surveys to determine environmental compliance requirements and feasibility of construction and remediation for large facilities and installations including NASA Ames, Constellation Brands, Genentech, Caltrans, and Moss Landing Power Plant.
- Environmental and Industrial Hygiene Consulting work at NASA Ames Research Station in Mountain View, CA-2018-2020
- Asbestos surveying, oversight, air monitoring, and hazardous waste management for an on-going renovation project-Hyatt Regency, Monterey, CA-2019
- Conducted Crystalline Silica Respirable Dust Monitoring for an abrasive blasting project-New Sonora County Courthouse, Sonora, CA-2018
- Project Management for Hazardous Materials Surveys at Gilead Sciences-2017-2022
- Remediation Oversight and Environmental Monitoring for Cobalt Decontamination Project at QUANTUM LABS, San Jose, CA-2021

Occupational and Environmental Regulatory Compliance Experience

- Provided environmental regulatory support to industrial/manufacturing facilities, NASA Ames, Stanford Linear Accelerator (SLAC), Constellation Brands, and Moss Landing Power Plant as well as other facilities throughout California with respect to air quality, environmental standards, hazardous materials/hazardous waste specifications, site-specific health and safety plans, control and countermeasure, and various other environmental compliance matters. He has successfully negotiated regulatory complaints in support of client operations and has helped prepare numerous compliance action plans to help clients come into compliance.
- Conducted an internal environmental health and safety audits for Trackonomy Systems-San Jose, California. Assisted Trackonomy in conducting an internal environmental health and safety compliance audit within their manufacturing facility. The audit identified potential exposures, hazardous conditions, and unsafe work environments that could result in possible exposure issues or violations. The audit report identified areas for improvement and developed clear action plans that guide Trackonomy through the improvement process.
- Developed Standard Operating Procedures (SOPs) used for regulatory compliance for Asbestos/Cement Pipe Bursting projects for the County of Santa Cruz and the Monterey Bay Air Resources District (MBARD).
- Phase I Environmental Site Assessments, Multiple Facilities; Monterey and Santa Cruz counties: Performed more than 25 Phase I Environmental Site Assessments to help assess potential environmental liabilities associated with client acquisition and divestiture activities. These assessments have been performed in accordance with the ASTM standard in place at the time of the assessment as well as most recently with the EPA All Appropriate Inquiry rule.
- Methamphetamine Site Characterization and Remediation: Served as the Project Manager for a remediation project completed by MGM Remediation for the Santa Clara County Department of Environmental Health (SCDEH). Responsible for client and regulatory communications associated with remediation activities at residential property with on-going methamphetamine contamination. Prepared the Remediation Work Plan, negotiated Work Plan Modifications on the clients' behalf, and

identified various opportunities to reduce remediation waste disposal. Oversaw all environmental sampling activities, field laboratory analysis, and remediation activities for this effort. The project was conducted in collaboration with field personnel from the SCCDEH and in accordance with their environmental cleanup regulations.

- Moss Landing Power Plant-Decommissioning and Remediation: Retained by FE Group, the remediation contractor, to sample and characterize wastewater generated by remediation activities at the Moss Landing Power Plant and in accordance with the Monterey Regional Water Management District and the California Regional Water Quality Control Board (CRWQCB).
- Assisted federal, state, and local municipalities with identifying recordkeeping and reporting requirements for new or existing installations, permitting and pertinent regulations.
- Extensive knowledge of hazardous waste characterization including Federal T11C and TCLP analysis as well as California STEL recordkeeping and reporting requirements for DTSC and EPA waste disposal purposes.
- Conducted a waste stream characterization at the Presidio of Monterey for the City of Monterey, Operations and Maintenance Department. The samples were representative of all construction debris in the waste pile. Waste characterization samples were analyzed using the SW-846 Method 1311 to determine the Toxicity Characterization Leaching Procedure [TCLP] and Waste Extraction Test (WET).
- Developed and conducted environmental health and safety training for Constellation Brands, Gonzales, California. Provided training in a variety of environmental health and safety areas, including, but not limited to lockout/tagout, confined space entry, hazard communication, site specific health and safety plans, and personal protective equipment, fall protection, and machine guarding. Training was provided to staff in a classroom setting.
- DeSilva Gates-Industrial Hygiene Monitoring for Crystalline Silica and Noise at two aggregate material mines, development of Asbestos/Lead Compliance Plans, development of Health & Safety Plans for Caltrans projects.

Environmental Management Technical Experience

- Environmental Remediation Plans and Specifications: Served as the Project Coordinator for numerous school modernization projects in California. Responsible for coordinating abatement and demolition contractors and assuring client timelines are met within budget and regulatory timelines. Provided QC review of project deliverables, assisted with a review of abatement/remediation estimates, and provided bid review support for contractor selection.
- Environmental Quality Assurance: Served as the Environmental Consultant for numerous soil remediation projects, building abatement, and air quality assurance projects. In addition to his role coordinating abatement and remediation personnel, has been principally responsible for negotiating client contracts, providing regulatory correspondence, and reviewing project deliverables.
- Regulatory Compliance Support: Provided regulatory support for numerous asbestos/lead abatement, soil remediation, and Caltrans bridge demolition projects in California with respect to air quality, groundwater, stormwater, spill prevention, control and countermeasure, and various other compliance

matters. Successfully negotiated regulatory complaints in support of client operations and helped prepare numerous compliance action plans to help clients come into compliance.

- Conducted an extensive environmental and occupational safety compliance review at Quantum Labs, San Jose, CA, of all decontamination plans and specifications developed by environmental consulting and remediation firms to determine remediation cost considerations, functionality, permit requirements, and compliance with air, hazardous waste, and water quality regulatory requirements for a cobalt decontamination project.
- Conducted hazardous waste determinations for existing chemicals at Moss Landing Power Plant. Provided assistance in conducting hazardous waste determinations for existing chemicals, as well as assistance in determining regulatory requirements, such as record keeping, reporting, storage, personal protective equipment, and training for chemicals used onsite for the demolition project at Moss Landing Power Plant.

Budgeting, Project Management, Planning Experience

- Assisted public and private sector clients navigate complicated funding and environmental challenges to restore value to properties that would otherwise remain underutilized. Provided planning, budgeting, and project management support to the County of Monterey, County of Santa Cruz Water Department and Public Works, Constellation Brands, and the law firm of Noland, Hammerly, Etienne & Ross.
- Investigation and remediation activities at industrial properties impacted with chlorinated solvents, polychlorinated biphenyls, heavy metals, and petroleum products. Worked on all phases of project work, from initial planning through regulatory reporting and closure.
- Provided project management services and technical direction on projects with budgets ranging from \$1,000 to \$10,000,000. This includes remediation and decontamination which required coordinating and directing remedial action using various remedial strategies including soil vapor extraction, enhanced anaerobic bioremediation, thermal desorption, and excavation.
- Actively worked with developers at the Hyatt Regency, Monterey, CA, to ensure construction and renovation projects at this environmentally compromised property was completed in a manner protective of not just those completing the work, but also the guests eventually occupying the buildings.
- Provided the Law firm of Noland, Hammerly, Etienne & Ross technical guidance, planning, and budgeting for hazardous waste management to ensure compliance with state and federal regulations.
- Develop on a weekly basis, cost estimates and proposals based on project requirements, specifications, and budget issues for Aero-Environmental projects and clients.
- Developed for NASA Ames project requirements for asbestos and lead abatement projects, conducted the corresponding site environmental assessments, and input data into the NASA Environmental database software. This also included developing Asbestos and Lead Project specifications, reviewing project and cost submittals, and conducting quality assurance and air monitoring inspections.
- Developed the Standard Operating Procedures (SOP) for a large county-wide Asbestos/Cement Water Pipe Bursting Replacement project for Santa Cruz County Public Works. Provided assistance to the County with managing contract development, coordination with the Monterey Bay Air Resources District

(MBARD), and planning with other regulatory agencies such as DTSC and the Regional Water Quality Control Board.

- Moss Landing Power Plant Decommissioning. Provided assistance with coordination of hazardous waste and wastewater pollution prevention by conducting wastewater sampling and analysis for asbestos and heavy metals. Communicated to the client any pertinent regulatory requirements for discharge of wastewater and hazardous waste associated with this decommissioning and remediation project.
- Provided extensive environmental, regulatory, and legislative training. This has included Asbestos and Lead Awareness training, Operations & Maintenance training, Occupational Hygiene and Radiation Safety virtual safety training (RedVector®), Hazard Communication Training (Right to Know/Right to Understand), and Hearing Conservation Training.
- Responded to a large fire at Natividad Medical Hospital in Salinas, California which resulted in the release of fine particulate matter and volatile organic compounds. Conducted industrial hygiene and air quality monitoring in the Emergency Department where the fire occurred.
- Emergency Response-Hazardous/Toxic Spill, Quantum Labs, CA. Responded to a large cobalt 59 dust release at Quantum Labs, a wafer manufacturing facility in San Jose, California which resulted in the release of fine cobalt dust which is considered a carcinogen. Conducted industrial hygiene and environmental compliance monitoring throughout the facility during the decontamination process.

Representative Expert Witness Experience

- **CASE #CV178887 MILES J DOLINGER/EDWARD W. NEWMAN, ESQ.** Toxic tort and Mold Exposure Case. Served as an expert witness during several depositions-March 2015
- **Herrera et al. vs J Doe, et al., Case#1-10-CV-165689 John K. Crowley, Esq.** Conducted an Industrial Hygiene Risk Assessment and Expert Witness services for Microbial Contamination/Water Damage and Asbestos/Lead contamination for a residential building located at 3156 Mosshall Way, San Jose, California. Participated in several depositions, document preparation, and court testimony in San Jose at the Superior Court of California. -August-November 2013
- **CASE #M130357-CHOLAKIAN & ASSOCIATES, JAMES ISON, ESQ. CASEY SILVEY vs. ZANTMAN ART GALLERIES, LTD**-September 2016 Conducted an Industrial Hygiene Risk Assessment and Expert Witness services for Microbial Contamination/Water Damage and Asbestos/Lead contamination for a commercial art gallery building located at Ocean Avenue near Mission-Silvey Building, Carmel-by-the-Sea, California. Participated in several depositions and document preparation in Monterey, California.
- Oct-Dec 2021-Jorge Vizcaino was retained by Michelle Porumbescu, Esq. with LEX OMNI Law Office to conduct a professional expert witness review of the Gordon & Rees-Quantum Labs-EHS Audit conducted on June, 2016 as well as a review of indoor surface cobalt decontamination standards. The goal of this review was to determine if the clearance decontamination standard, which we recommended in our 2016 EHS report to be 2µg/100cm² based on the Brookhaven

National Laboratory (BNL) standard was accurate, since different clearance criteria exist in the industry.

- **Law Offices of Mark Martinez-Burnes vs The Parks at Monterey Bay-Case#23CV003145.** Provided Expert Witness Services and Case Investigation for a toxic tort/microbial/asbestos contamination case.-2024-2025
- **LAW OFFICES COTCHETT, PITRE & MCCARTHY, LLP Case No. 4:22-cv-06310-DMR-** Provided Expert Witness Services and Case Investigation for a catastrophic fire case involving toxic tort and environmental contamination.-2025
- **LAW OFFICES COTCHETT, PITRE & MCCARTHY, LLP-** Eaton Fire Cases-Provided Industrial Hygiene Legal Advice for several residential properties that incurred catastrophic damage and soil contamination during the Eaton Fire. -2025
- **THE CROWLEY FIRM- CROWLEY-MITCHELL VS TERRACE HILLS TOWNHOUSE HOA-** Case involving toxic tort contamination of a residential townhome involving catastrophic damage to this townhome due to storm damage resulting in severe microbial, water damage, and asbestos contamination.-2025
- **CASE: SADIGHEH PHILLIPS V. BRIDGES PROPERTIES, LLC, ET AL.-** This defense case involved a man who died from carbon monoxide poisoning while staying at a home owned by his boss where he worked in maintenance. I provided expert industrial hygiene legal advice and performed carbon monoxide measurements on 7/8/2025 in Mammoth Mountain, California.
- **LAW OFFICE OF DAVID J. YANG- GSJ & 5 LLC AND GLORIA ZHUO JIA ZHANG ("ZHANG") VS FENNAH C. GUAN AND DERYANG GUAN-**Case involving toxic tort, microbial contamination, and severe water intrusion at a residential property in Saratoga, CA. I provided expert legal advice as a Certified Industrial Hygienist for this case-2025
- **LAW OFFICES OF GREENSTEIN SELLERS- CASE #256.013: FJALSTAD, JON AND CAROL V. AMERICAN STRATEGIC INSURANCE CORPORATION**

ATC Associates, Monterey, California,

(2000-2002)

Environmental Scientist, Registered Environmental Assessor, Site Surveillance Technician

- Provided environmental and hazardous material assessments for ATC's Monterey, California office.
- Responsible for indoor air quality investigations in commercial, governmental, educational, hospitals, and residential buildings for a variety of clients.
- Projects included microbial investigations, mold remediation plans, third party oversight, asbestos and lead investigations and support.
- Phase I Environmental Site Assessments for several banks and commercial lending institutions.

Aquaculture and Wine Industry, California

(1994-2000)

Fisheries Scientist, Aquaculture Hatchery Manager, Assistant Winemaker

- Held several important positions as a Fisheries Scientist and Hatchery/Facility Manager for two abalone culture facilities in California.
- Worked as a laboratory/Quality Control technician, and finally as an Assistant Winemaker for two large winemaking companies in California.

EDUCATION

International Baccalaureate, United World College of South East Asia, Singapore, (1987)

Bachelor of Science, Biological Sciences (Biology Major and Chemistry Minor), University of Texas at El Paso, El Paso, Texas (1991)

Master of Agriculture, Fisheries Science, Texas A&M University, College Station, Texas (1993)

PROFESSIONAL DEVELOPMENT/CERTIFICATIONS/TRAINING

- 30-hour OSHA General Industry Health and Safety Compliance Training
- American Board of Industrial Hygiene-Certified Industrial Hygienist (CIH)
- Institute of Hazardous Material Management-Certified Hazardous Material Manager (CHMM)
- State of California Certified Asbestos Consultant # 04-3554
- California Department of Public Health Lead Inspector/Assessor#15393
- OSHA Confined Space Entry Supervisor Training
- 40 HR HAZWOPER Certified
- Fundamentals of Industrial Hygiene- UC Berkeley Extension Service
- AIHA Elementals of Industrial Hygiene-100-hour course
- EPA AHERA-Certified Building Inspector and Abatement Contractor/Supervisor

PROFESSIONAL ASSOCIATIONS

- Member-American Industrial Hygiene Association-Northern California
- Member-Northern California American Industrial Hygiene Association

VOLUNTEER EXPERIENCE

Monterey Bay Aquarium, Monterey, CA (1997-Present)

- Over 25 years of volunteer experience conducting husbandry maintenance activities and feeding shows.
- Certified PADI Divemaster, 1993