



PROFESSIONAL PROFILE



Joshua D. Graber, CHMM

Principal Scientist

CONTACT INFORMATION

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EDUCATION

BS, Environmental Management
University of Rhode Island

PROFESSIONAL LICENSES

National Groundwater
Association, April 1999-
Present
Institute of Hazardous Materials
Management, 2016-Present

EXPERIENCE SUMMARY

Mr. Graber has over twenty-five years of environmental consulting experience, primarily in the San Francisco Bay Area. His professional responsibilities include hydro-geological and chemical analytical evaluations, CERCLA (Superfund) site and program management, vapor intrusion assessments and mitigation (both for new construction and existing building retrofits), soil and groundwater remediation and management plans, underground tank removal and construction services, and the preparation of technical reports. He has also performed over 100 Phase I Environmental Site Assessments (ESAs) for property transaction due diligence and Phase II subsurface investigations utilizing direct-push, membrane interface probe, cone penetrometer testing, hollow-stem and solid-stem augers, and sonic drilling technologies. He is very familiar with all aspects of property redevelopment and regulatory interaction and negotiation. He has positive experience managing projects with the local offices of environmental health in Alameda, San Francisco (including Maher projects), San Mateo and Santa Clara Counties as well as the Regional Water Quality Control Board (Water Board) and the Department of Toxic Substance Control (DTSC). He routinely manages projects from the due diligence phase through redevelopment and occupancy in the Bay Area and has estimated environmental costs pre-acquisition through construction for negotiation purposes. Mr. Graber also has extensive experience in remediation; waste classification and disposal; and monitoring well installation, destruction, development, and sampling. His remediation experience includes bioremediation, chemical oxidation and reduction, groundwater extraction and treatment, soil vapor extraction, remedial excavation, and on-site metals stabilization. He is also familiar with surface water sampling and analysis, and stormwater drain/sanitary sewer dye and leak tests.

REPRESENTATIVE PROJECTS

Property Transactional Due Diligence, Site Assessment and Remediation Projects

- o 1499/1669 Old Bayshore Highway and 810 Malcolm Redevelopment, Burlingame, California
- o 760 22nd Street Redevelopment, Oakland, California
- o 1300 7th Street Phase I/II ESA, Oakland, California
- o Foothill Blvd/Grove Way, Hayward, California
- o 16060 E. 14th Street Redevelopment, San Leandro, California
- o 3550 El Camino Real Redevelopment, Santa Clara, California
- o 285 12th Street Redevelopment, Oakland, California
- o 3900 Thornton Redevelopment, Fremont, California
- o 699 Ygnacio Valley Road Redevelopment, Walnut Creek, California
- o 3801 Martin Luther King Jr Drive Redevelopment, Oakland, California
- o French American School (Maher Redevelopment), San Francisco, California
- o 905 72nd Ave Remediation and Redevelopment, Oakland, California
- o 8930 MacArthur Boulevard Due Diligence and Investigation, Oakland, California
- o Numerous Article 22A (Maher Ordinance) Projects in San Francisco, California
- o 285 12th Street Due Diligence and Environmental Assessment, Oakland, California
- o 3000 Broadway Remediation and Redevelopment, Oakland, California
- o 1110 Jackson Street LUST Assessment and Closure, Oakland, California
- o Parcel F2 Jack London Square Redevelopment, Oakland, California
- o Parcel D Jack London Square Redevelopment, Oakland, California
- o 1100 Clay Street LUST Assessment and Redevelopment, Oakland, California
- o Site Assessment, Vapor Intrusion Evaluation, Soil Management and Construction Services, Microsoft Campus Renovations, Mountain View, California

- One Polk Street Soil Remediation, Soil Management Plan and Construction Services for Redevelopment, San Francisco
- Highland Hospital Compliance and Environmental Consultation, Oakland, CA
- Soil Management, Excavation, Treatment, Disposal, and Construction Observation – Jessie Square Garage, Mexican and Jewish Museums, San Francisco, CA
- Village Gardens Redevelopment, Santa Rosa, CA
- Phase I/II Environmental Site Assessments, Former AMD Superfund Site, 915 DeGuigne Drive, Sunnyvale, CA
- Over 100 Phase I and II Environmental Site Assessments – Various Clients and Locations
- Site Characterization, Soil Excavation, Treatment, Disposal and Backfill, Cargill Salt, Newark, CA
- Pearl Harbor Naval Shipyard Building 394 Battery Shop Remediation System Installation, US Navy, Pearl Harbor, HI
- Environmental Compliance Assessment System (ECAS) – MA and KS Army National Guards
- Naval Air Station Agana Carpentry Shop Dip Tank Site Groundwater Monitoring Program US Navy, Apra Harbor, Guam
- Naval Air Station Barbers Point Groundwater Monitoring Program, US Navy, Barbers Point, Oahu, HI

Former Semiconductor Facility, Superfund Site, Santa Clara/Sunnyvale, California

- Numerous Rounds of In Situ Bioremediation and Chemical Reduction of Chlorinated Solvents
- Alkaline-Activated Persulfate Remediation of Chlorobenzenes Utilizing an Infiltration Gallery
- Numerous On- and Off-Property Vapor Intrusion Assessments
- Soil and Risk Management Plans
- Groundwater Monitoring and Five-Year Reporting
- Large-scale, Interior Remedial Soil Excavation of Chlorobenzenes
- Groundwater Treatment System Design and Construction, SWPPP Preparation and NPDES Permit Management Services
- Groundwater Extraction System Optimization and Modeling
- Hydrogeologic and Chemical Groundwater Evaluations

Former Semiconductor Facility, Palo Alto, California

- Data Gaps Investigation and Site Assessment
- Remedial Action Plan
- Vapor Intrusion Assessment, Former Fairchild Semiconductor Facility, Palo Alto, CA
- Annual Groundwater Monitoring Program

Presidio of San Francisco and Golden Gate National Recreational Area Environmental Service Projects

- Vista Point Trail, Sausalito, California
- Bldg 1034, Fort Cronkite, GGNRA
- Base-wide Groundwater Monitoring Program, Presidio of San Francisco
- Battery East Vista Point Remediation and Renovation, Presidio of San Francisco
- Landfill 4/Fill Site 5 Remedial Action Plan and Closure, Presidio of San Francisco
- Mountain Lake Hydrologic Study, Presidio of San Francisco
- Building 1349 Site Investigation
- Golden Gate Bridge Soil Remediation, Presidio of San Francisco
- Golden Gate National Recreational Area Projects
- Fort Cronkhite Site Assessment and Soil Management Plan, Sausalito, CA
- Aquatic Park Soil Management and Trail Restoration, San Francisco, CA
- Soil Sampling, Management and Remediation, Fort Barry, Marin Headlands
- Land's End Soil Sampling and Site Assessment, San Francisco, CA
- Rodeo Beach Restoration, Marin County, CA
- West Peak Mt. Tam Restoration, Marin County, CA
- Vista Point Soil Sampling and Management, Sausalito, CA
- Baker Beach Soil Assessment, San Francisco, CA
- Hawk Hill/Hill 129 Soil Evaluation
- Mori Point, Habitat Pond Sampling and Assessment, Pacifica, CA

PROFESSIONAL TRAININGS

- Fundamentals of Professional Practice, ASFE, September 2007-March 2008
- Environmental Geochemistry of Metals: Investigation and Remediation, National Groundwater Association, March 2005
- Fundamentals of Groundwater Movement and Groundwater Sampling, Nielson Environmental Field School, April 2002
- Fundamentals of Project Management, ASFE, Nov. 2001
- Certified Hazardous Materials Manager, July 2015
- 8-Hour Annual Refresher OSHA Hazardous Waste Operations and Emergency Response (HAZWOPER) (29 CFR 1910.120), Renewed Annually
- 8-Hour OSHA HAZWOPER Supervisory Course (29 CFR 1910.120), June 2000
- 40-Hour OSHA HAZWOPER (29 CFR 1910.120), May 1997



SPEAKING ENGAGEMENTS

“In-Situ Enhanced Reductive Dechlorination and Bioremediation Pilot Study in Deep, Consolidated Aquifer” presented at Battelle 2022 Conference on Remediation of Chlorinated and Recalcitrant Compounds, 2022, Palm Springs, CA, USA.

“Combined Remedy: In-Situ Chemical Reduction and Enhanced Bioremediation Injection at Superfund Site” presented at Battelle 2022 Conference on Remediation of Chlorinated and Recalcitrant Compounds, 2022, Palm Springs, CA, USA.

“Building Survey, Indoor Source Identification and Vapor Mitigation Lessons Learned at a Superfund Site” presented at Battelle 2018 Conference on Remediation of Chlorinated and Recalcitrant Compounds, 2018, Palm Springs, CA, USA.

“Alkaline Activated Persulfate Remediation of Chlorobenzenes Beneath Existing Building Using an Infiltration Gallery” presented at Battelle Conference on Remediation of Chlorinated and Recalcitrant Compounds, 2012, Monterey, CA, USA.