



## Statement of Qualifications

**SDVOSB/DVBE/SBE**  
DUNS#785742623 CCR/CAGE#4ZFR2



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# Odic Environmental

Environmental Consulting & Real Estate Due Diligence  
3255 Wilshire Blvd. Suite 1510  
Los Angeles, CA 90010

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ODIC Environmental is a professional, environmental consulting Company, certified by the State of California as a DVBE/SBE (#43263) firm, and nationally certified as a SDVOSB. We are comprised of a trusted team of executive technical consultants. Each senior member of our technical team possesses over a decade of professional environmental consulting experience. This experience, knowledge and background led to the formation of Odic Environmental in 2005. Our clients include professional engineering and consulting firms, municipalities, government agencies, utility companies, private & government lenders, real estate management and investment entities, as well as owners and financial institutions including commercial mortgage, SBA, construction, and CMBS lenders.

At ODIC Environmental, we focus passionately on providing innovative environmental services with unyielding professional integrity. We will continually strive to supply our clients, business partners and associates with optimal solutions, in order to fit the needs of the project that keep the best interests of the public in mind. We look forward to becoming your trusted business partner by offering comprehensive environmental expertise in areas of environmental due diligence, remediation, assessment, survey & inspection, engineering consulting, and green energy solutions.

Please review our statement of qualifications including services offered, key staff resumes, references, DVBE/SBE certifications, professional liability insurance and more.

We look forward to working with you.

Sincerely,

Eric Miller  
President  
Odic Environmental  
3255 Wilshire Blvd., #1510  
Los Angeles, CA 90010  
213-380-0090 office  
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## 1.0 Environmental Services

ODIC's professional staff provides comprehensive environmental solutions for projects in all stages, including the identification, monitoring, cleanup/remediation and abatement of nearly all major contaminants. With expansive nationwide coverage, our established contacts at local, state and federal government agencies help us bring about the quickest and most desirable solutions to your due diligence requirements.

### California Environmental Quality Act (CEQA)/National Environmental Policy Act (NEPA)

EIR/EIS project report preparation

EIR/EIS project management

3<sup>rd</sup>-party expert technical review of EIR/EIS environmental documentation and related technical reports

### Environmental Consulting and Site Assessment

Desk Review & Consulting

3<sup>rd</sup>-party Report Review & Consulting

Transaction Screen Assessment

Records Search with Risk Assessment

Limited Phase I Environmental Site Assessment

Phase I Environmental Site Assessment

Phase II Subsurface Investigation / Pollution Characterization

Inspection and Remediation of Asbestos-Containing Material, Lead-Based Paint, PCB, Mercury, Radon

Methane/Flammable Gas Survey and Monitoring Control

Indoor Air Quality Survey/Inspection, Asbestos/Lead Consulting

### Site Contamination Remediation

Environmental Site Cleanup & Soil/Groundwater Remediation

Remedial Investigation and Feasibility Study (RI & FS)

Operation & Maintenance of Remedial Systems (SVE/AS/HVDPE/Pump & Treat)

Removal and Disposal of Non-Hazardous and Hazardous Waste

Incineration of Hazardous and Bio-Hazardous Waste

### Property Condition Assessment & Seismic Evaluation

Physical Property Condition Assessment (PCA)

Construction Inspection and Management

Structural Observation & Evaluation Report (Probable Maximum Loss Calculation - PML)

### Environmental Contracting

UST/AST and Industrial Wastewater Treatment System (i.e. Clarifier) Removal/Installation & Closure

### Facility Audit and Compliance Consulting

Storm-Water Pollution Prevention Plan (SWPPP), NPDES, Water Quality Management/Technical Report

Water Treatment

### Energy Consulting

AB1103 EPA Portfolio Manager

Energy Conservation Measures Assessment

LEED Certification (US Green Building Council) Consulting

Energy Audit – ASHRAE (American Society of Heating, Refrigerator, Air Conditioning Engineers)

**2.0 Project Summary**

Odic has conducted an extensive amount of environmental site assessment projects, facility compliance consulting, subsurface investigation and hazardous material management/consulting projects since 2005. The following are selected site remediation and investigation projects for reference purposes.

Environmental Site Assessment

2016			
Type of Service:	Phase I Environmental Site Assessment	Property Type:	Winery and Vineyard
		Project Location:	Santa Ynez, CA
Summary:	Odic conducted a Phase I Environmental Site Assessment for a 52-acre parcel of land operated as an organic winery and vineyard. Historical research indicated the property was originally developed with a villa and residence in the mid-1950s, and use of the property was converted to an organic winery in the early 1990s. No significant environmental concerns were identified for the property, and Odic was able to assist the Client in the major acquisition of a special-use property.		

2016			
Type of Service:	Phase I Environmental Site Assessment	Property Type:	Industrial
		Project Location:	Burbank, CA
Summary:	Odic conducted a Phase I Environmental Site Assessment for an industrial building that formerly operated as a manufacturer of chassis, waveguides and enclosures for the aerospace, military and commercial industries, providing aluminum dip brazing services. Operations conducted at the site consisted predominantly of welding and brazing of aluminum spanning a period of over 50 years from the 1960s until the site was decommissioned in late 2015. In addition, the site was located within a Superfund Site area that indicated the shallow groundwater zone beneath the site was contaminated with perchloroethylene and trichloroethylene. Based on the historical uses of the site, a subsurface investigation was recommended.		

2016			
Type of Service:	Phase I Environmental Site Assessment and Phase II Environmental Site Assessment	Property Type:	Industrial
		Project Location:	Colton, CA
Summary:	Odic conducted a Phase I Environmental Site Assessment on an industrial property with a history of operating numerous USTs and a spray booth at the site between the late 1950s until the late 1990s. In addition, a review of historical aerial photographs indicated that railroad spurs were present at the site between the mid-1960s to mid-1970s. Based on the Recognized Environmental Conditions identified in connection with the Property, Odic recommended a subsurface investigation. A Phase II Environmental Site Assessment was subsequently performed at the site to determine whether the property had been adversely impacted by petroleum hydrocarbons, volatile organic compounds, polychlorinated biphenyls, metals, and/or other contaminants of concern. Results of soil and soil vapor testing indicated the subsurface had not been adversely impacted by historical uses, and Odic was able to assist the Client in a successful sale transaction of the property.		

2016			
Type of Service:	Phase II Environmental Site Assessment	Property Type:	Commercial
		Project Location:	Van Nuys, CA
Summary:	Odic conducted a Phase II Environmental Site Assessment at an active drycleaners facility that had been in operation since the early 1960s within a larger retail development. Results of the subsurface investigation indicated the soil and soil vapor beneath the property was significantly impacted by tetrachloroethylene (PCE), and Odic was able to save the Client from involvement with a very high-risk property.		

Underground Storage Tank Removal/Sampling/Agency Closure

2016			
Type of Service:	Underground Storage Tank Removal	Property Type:	Car wash and automotive services
		Project Location:	Los Angeles, CA
Summary:	ODIC provided underground storage tank removal services at an active car wash, automotive detailing, and smog check facility. A total of one 5,000-gallon UST, one 8,000-gallon UST, and associated product lines and fuel dispenser were removed from the site that remained from former fueling operations. Sampling results collected from beneath the tanks, product lines, and fuel dispensers under the oversight of a Los Angeles City Fire Department inspector indicated no unauthorized releases of fuel-related contaminants in significant concentrations in soil media. Case closure was issued by the oversight agency.		

Environmental Site Assessment/Remedial Action Plan Services

2014-Present			
Type of Service:	Environmental Site Assessment, Interim Remedial Action Plan, and Remediation	Property Type:	Car wash
		Project Location:	Los Angeles, CA
Summary:	Odic Environmental has performed site assessment services for this Underground Storage Tank Cleanup Fund (USTCF) project under Los Angeles Regional Water Quality Control Board oversight. When former remediation efforts proved unsuccessful due to free product rebound, Odic was retained to provide corrective action measures and to complete remediation services at this active car wash facility in order to bring the site to regulatory closure. To date, Odic Environmental has conducted Well Head Maintenance, Groundwater Well Abandonment, Groundwater Well Installation, Fuel Fingerprint Forensic Analysis, Ground Penetrating Radar Survey, Leak Detection Testing (for the existing wastewater recycling system), Installation of Large Bore Recovery Well and Development, and Groundwater Monitoring services as part of continued interim remedial action plan efforts at the site.		

Environmental Site Assessment/Site Characterization and Assessment/Human Health Risk Assessment/Groundwater Monitoring/SWPPP

2011-Present			
Type of Service:	Environmental Site Assessment, Site Characterization and Assessment, Groundwater Well Installation and Abandonment, Groundwater Monitoring, and SWPPP	Property Type:	Former Industrial
		Project Location:	El Monte, CA
Summary:	<p>Odic Environmental has conducted Phase I Environmental Site Assessment, Phase II Environmental Site Assessments, Site Characterization and Assessment, Groundwater Well Abandonment, Groundwater Well Installation, Groundwater Monitoring, Human Health Risk Assessment, and Stormwater/Stormwater Management Consulting services from 2011 to the present time at this planned redevelopment site that will feature a hotel, retail units, and residential developments. As part of an extensive Human Health Risk Assessment, three separate receptor scenarios were independently evaluated to determine the potential risk to residential, commercial, and construction workers. Groundwater monitoring activities at the site have been completed, and continued stormwater management and consulting services are being provided for the site. Groundbreaking for construction is planned to commence in 2017.</p>		

Energy Conservation Assessments

2016			
Type of Service:	Energy Consumption Analysis Report	Property Type:	Planned Grocery Store and Cold Storage
		Project Location:	Duluth, GA
Summary:	<p>Odic Environmental conducted an Energy Consumption Analysis Report to project overall energy consumption at a proposed 45,000-square-foot grocery store and cold storage facility using energy simulation software (eQUEST) that simulates annual energy performance based on building parameters, equipment service load, facility use and other facility features from available construction drawings and plans as well as planned energy conservation measures and improvement items discussed with the business owner. The primary purpose of the Energy Consumption Analysis Report is to assist the Client in achieving a minimum of 10% of renewable energy production through the installation of solar panels for the proposed building conversion to qualify for Small Business Administration Green Public Policy Goals.</p>		

**Additional Project Summary:**Portfolio Services

Odic has successfully managed and completed portfolio projects throughout the western states including California and Nevada. Recent portfolio work includes conducting Phase I Environmental Site Assessment at multiple locations for a nationally-franchised automotive service repair business throughout Clark County, Nevada.

Water Treatment Services

Operate any treatment of water for a public or potable water system. Locate a water supply, drill, develop, and test wells; disinfect the well, design lift system, convey the water, treat the water for any specific needs whether it be agricultural use, single family use, small or large water system. Treatment methods may include testing for primary and secondary MCLs, disinfection, coagulation, flocculation, sedimentation, filtration, etc. Specialized treatment methods using ion exchange, carbon, osmosis, or other may also be used to removed specific constituents such as iron, manganese, adjust pH, adjust alkalinity, or to remove volatile organics, salts, rocket fuels, etc. Projects include de-watering, agricultural water supply and potable water supply. The Program is administered by the California Department of Public Health, and is intended to ensure a safe and pleasant water supply to the public.

SWPPP Consulting Services

Alpine/San Diego/San Marcos Yards

SWPPP Inspections (total project cost 1.5MM, from 2009)

Our client, a California Utility is using three common lay-down yards to be used for the storage of materials on multiple projects, to include the Wood-to-Steel pole replacement project. Material will be delivered to and stored at the site, and then routed to project-specific lay-down yards.

Construction Support: 1) tailgate crew trainings, 2) BMP inspections to ensure project compliance and overall effectiveness of BMPs, and 3) ongoing maintenance of the SWPPP.

Post-Construction Support: 1) Post-construction monitoring in support of permit closure efforts, and 2) Preparation of the Notice of Termination when project/site conditions support closure.

Construction Support Services – CA Utility Co.

Sampson and Newton, San Diego, CA

Our client, a California Utility is conducting work on TL 651, tying into the Silvergate Substation near downtown San Diego. The project involves 1,000 ft of overhead work, with 1,200ft of trenching in the street. The project also involves the replacement of 6 wood poles, two vaults, and 1 steel cable pole. As the total soil disturbance for the work is less than 1.0 acre, construction storm water permits were not triggered by this project. However, our client is to ensure that BMPs are implemented effectively and consistently throughout the duration of the project. Odic's scope of work involved Construction Support: 1) BMP inspections to ensure project compliance and overall effectiveness of BMPs

Water Testing Services – CA Gov.

Underground well water testing: Cal Trans & Worley Parsons:

Odic was selected to conduct field groundwater sampling for Interstate 10 (I-10) widening.

Environmental Site Assessment/Pollution Characterization Services – CA Gov.

State of California: Department of General Services

Lanternman Project (RBF Consultant – Prime)

Environmental Site Assessment and Pollution Characterization for state mental hospital complex and community (over 600 acres in size)



**3.0 Professional References**

Reference Name	Contact	Company
Stephen Olear	Phone: 818-552-3307 Email: <a href="mailto:stephen.olear@sba.gov">stephen.olear@sba.gov</a>	US SBA Los Angeles District Counsel
Eric Adams	Phone: 415-744-8440 Email: <a href="mailto:eric.adams@sba.gov">eric.adams@sba.gov</a>	US SBA San Francisco District Counsel
Iheanacho Ofo	Phone: 626-458-3512 Email: <a href="mailto:iofo@dpw.lacounty.gov">iofo@dpw.lacounty.gov</a>	LA County Dept of Public Works, Environmental Program Division
Richard Clark	Phone: 323-890-4056 Email: <a href="mailto:richard.clark@fire.lacounty.gov">richard.clark@fire.lacounty.gov</a>	Los Angeles County Fire Department
Ewan Moffat	Phone: 619-338-2222 Email: <a href="mailto:ewan.moffat@sdcounty.ca.gov">ewan.moffat@sdcounty.ca.gov</a>	San Diego County, Department of Environmental Health
Mike Owen	Phone: 951-905-5708 Email: <a href="mailto:mowen@cdcloans.com">mowen@cdcloans.com</a>	CDC Small Business Finance Corporation
Sam Tuyen	Phone: 714-918-0884 Email: <a href="mailto:tsam@cdcloans.com">tsam@cdcloans.com</a>	CDC Small Business Finance Corporation
Tom Palmer	Phone: 214-965-4208 Email: <a href="mailto:thomas.p.palmer@chase.com">thomas.p.palmer@chase.com</a>	JPMorgan Chase Bank
Marty Walters	Phone: 530-283-1456 Email: <a href="mailto:martha.walters@cit.com">martha.walters@cit.com</a>	CIT Bank
Stuart McCoy	Phone: 858-523-4697 Email: <a href="mailto:smccoy@torreypinesbank.com">smccoy@torreypinesbank.com</a>	Torrey Pines Bank
Patrick Corsinita	Phone: 860-838-5388 Email: <a href="mailto:pcorsinita@orms.com">pcorsinita@orms.com</a>	ORMS
Jeff Spinelli	Phone: 562-799-2011 Email: <a href="mailto:jeff.spinelli@fmb.com">jeff.spinelli@fmb.com</a>	Farmers and Merchants Bank
Steven Doss	Phone: 760-432-5319 Email: <a href="mailto:steven.w.doss@wellsfargo.com">steven.w.doss@wellsfargo.com</a>	Wells Fargo Bank
Ricardo Benito	Phone: 619-515-5514 Email: <a href="mailto:ricardo.benito@baml.com">ricardo.benito@baml.com</a>	Bank of America Merrill Lynch
Coco Elmendorf	Phone: 760-452-2211 Email: <a href="mailto:celmendorf@plazabank.net">celmendorf@plazabank.net</a>	Plaza Bank
Bob Gardner	Phone: 310-993-9482 Email: <a href="mailto:robert.w.gardner@chase.com">robert.w.gardner@chase.com</a>	JPMorgan Chase Bank, NA
Marty Spuehler	Phone: 858-622-6948 Email: <a href="mailto:marty.spuehler@wellsfargo.com">marty.spuehler@wellsfargo.com</a>	Wells Fargo Bank
Dean Haidl	Phone: 714-841-5255 Email: <a href="mailto:d.haidl@contactspectrum.com">d.haidl@contactspectrum.com</a>	Spectrum Commercial
Bob Gonzales	Phone: 805-450-5736 Email: <a href="mailto:robert.gonzales@rabobank.com">robert.gonzales@rabobank.com</a>	Rabobank, N.A.
Holly Thom-Scott	Phone: 949-383-2038 Email: <a href="mailto:holly.thomscott@homestreet.com">holly.thomscott@homestreet.com</a>	Homestreet Bank
Alan Blotch	Phone: 360-710-5899 Email: <a href="mailto:alan.blotch@earthlink.net">alan.blotch@earthlink.net</a>	EH&S Law Group, LLC

**4.0 Key Personnel**

<b>ADMINISTRATIVE/SALES TEAM</b>		
<b>TEAM LEADERS</b>	<b>CONTACT</b>	<b>ABOUT US</b>
<b>ERIC MILLER</b> President	Phone: 888-634-2368 Email: <a href="mailto:ericmiller@odicenv.com">ericmiller@odicenv.com</a>	Mr. Miller founded Odic Environmental in 2005 and serves as President. Under his guidance and leadership, ODIC has grown to become a well respected firm in the environmental consulting industry. He continually strives to ensure that Odic Environmental meets its goal of providing quality products that fulfill the needs of the financial and investment community as a trusted adviser to many clients.
<b>HYUNG KIM</b> Principal Consultant	Phone: 888-634-2368 Email: <a href="mailto:hkim@odicenv.com">hkim@odicenv.com</a>	Mr. Kim has over 20 years of professional experience in environmental and engineering services, and has been Odic Environmental's Principal Consultant since it was founded in 2005. He is responsible for in-house QA/QC and management for site assessment, contamination assessment, hazardous materials management, and remedial action design as well as providing training for technical staff and directing environmental planning, abatement, engineering, assessment, and remediation projects with assistance from E.P., P.G., P.E., I.H., CAC, and other environmental certified professionals.
<b>CASEY HOPKINS</b> Account Manager	Phone: 888-634-2368 Email: <a href="mailto:caseyh@odicenv.com">caseyh@odicenv.com</a>	Ms. Hopkins manages key accounts at both the local and national levels. Having built a solid reputation for understanding client's needs and expectations, she ensures environmental assessment projects are delivered in accordance to clients' expectations and timelines.
<b>MINA CHAU</b> Account Manager	Phone: 888-634-2368 Email: <a href="mailto:minac@odicenv.com">minac@odicenv.com</a>	Ms. Chau manages key accounts at both the local and national levels. Having built a solid reputation for understanding client's needs and expectations, she ensures environmental assessment projects are delivered in accordance to clients' expectations and timelines.
<b>MARISSA BLISS</b> Client Relations Manager and Project Administrator	Phone: 888-634-2368 Email: <a href="mailto:marissav@odicenv.com">marissav@odicenv.com</a>	Ms. Bliss works closely with clients to improve customer relations and share best practices. With over 15 years of client relations experience, she has been involved in the details of thousands of real estate transactions, and understands the specific needs and scopes of work required by various parties involved in environmental site assessment transactions.
<b>FRANK TRINIDAD</b> Production Manager	Phone: 888-634-2368 Email: <a href="mailto:frankt@odicenv.com">frankt@odicenv.com</a>	Mr. Trinidad ensures project documents are delivered to meet clients' expectations and requirements. He manages all report deliverable files, environmental database reports, and regulatory agency records to ensure the thoroughness and accuracy of primary and supporting documents for all environmental site assessment projects.

<b>TECHNICAL TEAM</b>		
<b>TEAM MEMBER, ROLE, YEARS OF EXPERIENCE</b>	<b>LICENSES, CERTIFICATIONS AND DESIGNATIONS</b>	<b>AREAS OF EXPERTISE</b>
<p><b>Hyung Kim   P.E.</b> Principal Consultant 20+ years</p>	<ul style="list-style-type: none"> <li>• CA Professional Engineer #75083</li> <li>• CA QSD/QSP #20568</li> <li>• NV Certified Environmental Manager</li> <li>• LEED AP</li> </ul>	<ul style="list-style-type: none"> <li>• Environmental Site Assessment</li> <li>• Site Characterization</li> <li>• Soil and Groundwater Sampling and Monitoring</li> <li>• Environmental Site Cleanup, Remediation, and Abatement</li> <li>• UST Removal</li> <li>• Hazardous Materials Removal and Abatement</li> <li>• Energy Consulting</li> <li>• Stormwater Consulting, Planning, and Management (SWPPP)</li> </ul>
<p><b>Tom Lindros   P.G., P.H.G</b> Senior Project Manager, Senior Environmental Consultant 20+ years</p>	<ul style="list-style-type: none"> <li>• CA Professional Geologist #5940</li> <li>• CA Professional Hydrogeologist #467</li> <li>• CA QSD/QSP #24181</li> <li>• Water Distribution and Treatment Operator, Grade 2</li> </ul>	<ul style="list-style-type: none"> <li>• Environmental Site Assessment</li> <li>• Site Characterization</li> <li>• Soil and Groundwater Sampling and Monitoring</li> <li>• Environmental Site Cleanup, Remediation, and Abatement</li> <li>• Well Design and Installation</li> <li>• Stormwater Consulting, Planning, and Management (SWPPP)</li> </ul>
<p><b>Gabriele Baader   P.G.</b> Senior Project Manager, Senior Environmental Consultant 20+ years</p>	<ul style="list-style-type: none"> <li>• CA Professional Geologist #7015</li> <li>• OR Professional Geologist #G2378</li> </ul>	<ul style="list-style-type: none"> <li>• Environmental Site Assessment</li> <li>• Site Characterization</li> <li>• Soil and Groundwater Sampling and Monitoring</li> <li>• Environmental Site Cleanup, Remediation, and Abatement</li> <li>• UST Removal</li> </ul>
<p><b>Mike Miller   EP</b> Senior Project Manager, Senior Environmental Consultant 20+ years</p>	<ul style="list-style-type: none"> <li>• Environmental Professional as defined by 40 CFR 312.10</li> </ul>	<ul style="list-style-type: none"> <li>• Project Management</li> <li>• Environmental Permitting and Agency Requirements</li> <li>• Environmental Site Assessment</li> <li>• Environmental Consulting</li> <li>• Environmental Report Review</li> </ul>
<p><b>Mary Osborne   EP</b> Senior Project Manager, Senior Environmental Consultant 20+ years</p>	<ul style="list-style-type: none"> <li>• Environmental Professional as defined by 40 CFR 312.10</li> </ul>	<ul style="list-style-type: none"> <li>• Project Management</li> <li>• Environmental Permitting and Agency Requirements</li> <li>• Environmental Site Assessment</li> <li>• Site Characterization</li> <li>• Environmental Consulting</li> <li>• Environmental Report Review</li> </ul>

<b>TECHNICAL TEAM</b>		
<b>TEAM MEMBER, ROLE, YEARS OF EXPERIENCE</b>	<b>LICENSES, CERTIFICATIONS AND DESIGNATIONS</b>	<b>AREAS OF EXPERTISE</b>
Richard Kim   EP Senior Project Manager, Senior Environmental Consultant 15+ years	<ul style="list-style-type: none"> <li>Environmental Professional as defined by 40 CFR 312.10</li> </ul>	<ul style="list-style-type: none"> <li>Project Management</li> <li>Vendor Management</li> <li>Environmental Permitting and Agency Requirements</li> <li>Environmental Site Assessment</li> <li>Site Characterization</li> <li>Soil and Groundwater Sampling and Monitoring</li> <li>Environmental Consulting</li> <li>Environmental Report Review</li> <li>Energy Consulting</li> </ul>
Mel K. Johnson   EP Senior Project Manager, Senior Environmental Consultant 15+ years	<ul style="list-style-type: none"> <li>Environmental Professional as defined by 40 CFR 312.10</li> </ul>	<ul style="list-style-type: none"> <li>Project Management</li> <li>Vendor Management</li> <li>Environmental Permitting and Agency Requirements</li> <li>Environmental Site Assessment</li> <li>Environmental Report Review</li> <li>Site Characterization</li> <li>Soil and Groundwater Sampling and Monitoring</li> <li>Environmental Site Cleanup, Remediation, and Abatement</li> <li>UST Removal</li> <li>Hazardous Materials Removal and Abatement</li> <li>Energy Consulting</li> <li>Stormwater Consulting, Planning, and Management (SWPPP)</li> </ul>
Tamara Yerkes  Geologist Project Manager, Geologist 5+ years	<ul style="list-style-type: none"> <li>Geologist</li> </ul>	<ul style="list-style-type: none"> <li>Project Management</li> <li>Vendor Management</li> <li>Environmental Permitting and Agency Requirements</li> <li>Environmental Site Assessment</li> <li>Environmental Report Review</li> <li>Site Characterization</li> <li>Soil and Groundwater Sampling and Monitoring</li> <li>Environmental Site Cleanup, Remediation, and Abatement</li> <li>UST Removal</li> <li>Hazardous Materials Removal and Abatement</li> <li>Stormwater Consulting, Planning, and Management (SWPPP)</li> </ul>

## 5.0 Key Resumes

### **Eric Miller – President**

Certified Environmental Inspector

Eric Miller, President of ODIC Environmental, embodies leadership qualities and is at the core as one of the central leaders in the ODIC success story. In using his leadership qualities and strong work ethic, Eric ensures that ODIC continuously meets its goal of providing quality products that fulfill the needs of the financial and investment community by assessing environmental risk as well as providing sound solutions for broader environmental issues. Eric's leadership skills include extensive organizational, management, and marketing skills, stemming from a well-rounded career in the military as well as in the general work force. His intense desire to strive for excellence has carried over from his years of excelling in athletics at the high school and college levels.

After serving overseas tours of duty in the U.S. Navy, Eric settled in San Diego, where he attended San Diego State University. After college, he set his sights on fulfilling a long-time dream of owning his own company. That dream came true with the creation of ODIC Environmental. Eric planned the startup of his company as carefully as an overseas mission, knowing that life lessons are not wasted in the business environment. Survival in any business venture requires more than luck; it requires competency, resiliency, and hard work. Implementing the skills and lessons learned through serving his country into ODIC's business environment, Eric takes a hands-on approach by being involved in all aspects of planning, managing and running the day-to-day operations of ODIC Environmental.

He is skilled in assessing and selecting the most qualified team members, and through the promotion of teamwork, has demonstrated the ability to be successful in a highly competitive business environment. An essential key element in his successful foundation can be found within his ability to surround himself with individuals who share his vision, dedication, and capabilities. He is keenly aware of what it takes to be successful, and the ODIC organization reflects his selectivity and insight with a promising talent pool.

Under Eric's leadership, every team member is aware of his or her role and responsibility. Effective business performances require constant follow-up, constant feedback, and Eric's prior life experiences have given him the discipline he needs to provide it. One of his fundamental philosophies is to lead by example, and as an experienced environmental field assessor since 2001 (EAA Certified Environmental Inspector), he is personally engaged in all aspects of the due diligence process, giving him the oversight to properly assess, assign and help execute tasks in a proactive manner.

In marketing ODIC's services, Eric has created a solid foundation of planning, implementation and follow-up, which includes giving educational seminars for clients, and guest-speaking at peer conferences on timely subjects of interest. As real estate markets adjust to economic developments, companies serving the financial markets and those who work within those markets must also remain flexible. ODIC prides itself on helping our clients know what to expect, as well as knowing how to prepare for the unexpected. By building the company around principles learned in his military and civilian careers, Eric Miller has made ODIC the chosen partner to many high-profile lenders seeking this kind of protection and vigilance.

Currently serving as the President of the Southern California Chapter for Disabled Veteran Alliance, Eric continues to be an advocate for others, generously volunteering his time and services to assist veterans and disabled veterans in the work force with entrepreneurial opportunities promoting the advancement and growth of small businesses.

**Mr. Hyung Kim, PE - Principal Consultant**

PE, QSD, QSP, CEM, CHMM, LEED-AP, MS

**Education**

B.S., Chemical Engineering, California State University, Long Beach

M.S., Civil/Environmental Engineering, University of Southern California

Mr. Kim manages all aspects of environmental assessment and consulting/engineering operations. With a strong educational and professional background in hazardous waste management, environmental regulatory compliance and engineering/assessment planning, he plays a pivotal role in the overall operations of environmental project management. Mr. Kim has also successfully represented the company to financial and & real estate institutions as a technical marketing Director.

As a Principal Engineer, Mr. Kim is responsible for in-house QA/QC management in remedial action design, contamination assessment, hazardous material management and real estate due diligence assessment. Mr. Kim also oversees and trains most of the in-house technical staff and directs environmental planning, abatement, engineering, assessment, and remediation projects with assistance from R.G, I.H., CAC, P.E. and other environmental certified professionals.

**Project Experience**Environmental Site Assessment Phase I / Transaction Screen Due Diligence

Mr. Kim has managed over 10,000 ESA projects performed nationwide since 1999, with full responsibility as the Chief Signatory Assessor over QA/QC on subcontractors, in-house staff assessors, engineers and consultants. Projects include mainly industrial and commercial properties, facility compliance audit, NPDES permitting, Clean Air Act and Clean Water Act, RCRA and CERCLA regulatory compliance assessments, Fannie Mae & HUD project due diligence, and many more high-caliber commercial portfolio assessment.

Phase II Subsurface Investigation & Pollution Characterization

Co-managed subsurface investigations throughout CA, NJ, NY, TX, WA, MD, CO, AZ, with PE, RG and RHG, involving various types of drilling such as geo-probe / direct-push, hollow-stem (limited access to high torque) or solid-stem auger, bucket auger, air rotary or percussion hammer, hydro-punch, limited access drilling, hand-auger, soil vapor probing, etc. Extensively trained in hydrogeology by RHG and RG for southern California region, handled groundwater contour estimation, recharge rate monitoring, surveying, monitoring and extraction wells, including water table wells, upper and lower aquifer characterization wells, vertical profile cluster wells, multiport vapor piezometer wells, multipurpose groundwater and vapor piezometer wells, constructed using PVC, stainless steel.

Phase III Environmental Site Remediation & Cleanup

Crenshaw Center, Los Angeles – Environmental Site Remediation (SVE)

L&amp;S Cleaners, Encino – Environmental Site Remediation (SVE)

Park Avenue Cleaners, Corona – Environmental Site Remediation (SVE)

Continental Cleaners, Cerritos – Environmental Site Remediation (SVE)

Belmont Fibers Inc., Montebello – Environmental Site Remediation (Proposed SVE)

Boot Barn Plaza, Canyon Country – Environmental Site Remediation (SVE)

Managed and worked with RGs and PEs on mass transfer calculation from pilot testing, vapor radius of influence, assisted C.E. in VES design calculation, calculation of mass removal rate, pore volume exchange time, length of SVE operation, or Soil Vapor Extraction and Dual Phase High Vacuum Extraction remediation projects. He also calculated and work with Registered Hydro-Geologist to conduct remedial action plan, feasibility study, pilot remediation testing study involving evaluation and calculation of

transmissivity, storativity, hydraulic conductivity, specific storage, seepage velocity, groundwater capture zone ROI and other hydrologic parameters.

#### Underground Storage Tank/Clarifier Abandonment & Regulatory Closure

Managed over 50 site abandonment including gas service station, private fueling station, industrial clarifier, in all stages pertaining to permitting, regulatory compliance, sampling & reporting, degassing/dry-icing/certificate, contract management, AQMD Rule 1166, excavation, monitoring via PID and FID. Mr. Kim has successfully closed over 50 UST sites in various cities in Kern, Los Angeles, Riverside, San Bernardino and Orange Counties. Managed four sites (Huntington Park, Gardena, City of Industry, Vernon) of UST abandon in place and subsurface investigation projects upon regulatory preapproval due to structural complication with abandonment via removal. Conducted over 10 industrial pretreatment clarifier closure under County of Los Angeles Department of Public Works jurisdiction entailing plan check, permitting, closure, soil sampling and reporting according to CLDPW enforcement regulation.

#### Asbestos/Lead/IAQ/Mold Assessment & Abatement

1996-2013 managed over 200 public & private abatement projects with CACs, CIH and DHS Inspectors. With hands-on experience from identification of hazardous material thru inspection and survey to actual abatement and disposal management of such wastes including recycling of mercury vapor and PCB ballasts, Mr. Kim has been the key technical and managerial representative in more than 100 public works involving public projects. Prepared IIPP, H&S, Respiratory Protection Plan, QAQC abatement procedures and regulatory compliance. Mold abatement, IAQ inspection with CIH, AQMD permitting of Negative Air Machines, HEPA Vacuum, preparation of abatement work plan, Procedure 5 emergency abatement plan with CAC

#### Architectural/Engineering Due Diligence

Mr. Kim has managed ASTM E2018 Property Condition Assessment projects and Probable Maximum Loss (Seismic Evaluation Assessment) calculations in accordance with ASTM E-2026 Estimation of Building Damageability procedures for mainly institutional investors and conduit lenders. Projects include pre-securitization due diligence for Conduit Portfolio, in accordance with Fannie Mae Guidelines and other institutional investment due diligence guidelines.

#### Professional Affiliations / Certification

California Professional Civil Engineer #75083

QSD & QSP #20568

Nevada State Certified Environmental Manager #2057

LEED AP, USGBCI

Institute of Hazardous Material Management, CHMM Master Level #012554

Member of AIChE (American Institute of Chemical Engineers)

Member of EAA (Environmental Assessment Association), Certified Environmental Manager #73547

General Engineering Contractor "A"

Hazardous Substance Removal Contractor "HAZ"

Cal OSHA Hazwoper Training Certificate

Uniform Fire Code Training for CUPA Inspectors

CUPA Hazardous Waste Inspector Training 8 Hours

UST Inspector Training, CUPA, 8 Hours

Princeton Groundwater, Groundwater Pollution and Hydrology – Certificate of Completion, 2004

Professional Civil Engineering Service – Certificate of Completion, 2007

Vapor Intrusion and Health Risk Assessment – Professional Training, 2009

Storm-water Pollution Prevention Training – Professional Training, 2009

**Mr. Thomas Lindros, PG - Senior Hydro-geologist**

PG, PHG, QSD, QSP, Water Distribution and Treatment Operator, Grade 2

**Education**

B.S., Geology, 1984

Post Bachelor's Degree Studies in Geology, 1988

Mr. Lindros is a State of California Registered Geologist and Hydrogeologist, and a Certified Site Surveillance Technician. He has a Bachelors degree in Geological Studies with emphasis in field mapping and structural geology from the California Lutheran University, and completed post bachelors degree studies in Micropaleontology from California State University at Northridge. Mr. Lindros has 2 years of geotechnical industry experience in Ventura County, California, and has been working as a hydrogeologist and site remediation specialist in Southern California since 1990. Mr. Lindros has an extensive background in geochemical and geotechnical sampling, electronic/visual geophysical logging, UST tank pull sites, etc.

**Project Experience**

Mr. Lindros has worked on a variety of projects with clients ranging from private (Unocal and Aerojet General Corporation) to public agencies (California Regional Water Quality Control Board, Metropolitan Water District, Los Angeles Department of Water and Power).

As a Sr. Geologist and Project Manager at Harding Lawson Associates from 1990 to 1996, for several key clients. Responsibilities include client communication, regulatory interface, project scoping and estimating, preparation of project status reports, budget/cost tracking, training of junior staff, and technical report preparation.

Employed investigative techniques including soil gas sampling, vapor monitoring well installation and sampling, groundwater monitoring well installation and sampling, GeoProbe sampling, cone penetrometer testing (CPT), Hydropunch groundwater sampling, geologic mapping, soil density testing, surface and borehole geophysics, and aquifer packer testing.

Familiar with hollow stem auger, bucket auger, direct mud rotary, direct air rotary, dual tube percussion, Stratex/Odex down-hole hammer, and other drilling methods. Experience with diamond coring, core handling and logging of bedrock materials, geophysical refraction/reflection surveys and borehole geophysical techniques including electric logs, natural gamma, sonic, video, spinner, acoustic televiewer (ATV), and caliper logs.

Has successfully synthesized and evaluated complex data to support geotechnical investigations, site assessments, remedial investigations, feasibility studies, and health risk assessments.

Trained to perform building inspections for asbestos and lead. Promoted from staff- to project- to senior-level within a period of six years. Have received client and company recognition of exceptional performance and dedication.

As a staff geologist in Fugro McClelland (formerly SGD, Inc.) from 1988 to 1990, he was a technical field staff responsible to successfully implement geotechnical investigations and perform site grading control. Developed skills including sand cone and nuclear density testing, cut slope mapping, backhoe test pit exploration, trenching, fault mapping, down-hole logging of bucket auger boreholes, and seismic blast monitoring. Used these skills to monitor contractor compliance, and generate high quality data sufficient for report preparation. Assisted in preparation of tables, plates, figures, and introductory report sections.



Mr. Lindros has personally logged over 20 miles of soil and bedrock from borehole advanced using the various drilling methods, and installed over 1,600 observation, monitoring and extraction wells, including water table wells, upper and lower aquifer characterization wells, vertical profile cluster wells and municipal water supply wells to depths of over 1,200 feet, multiport vapor piezometer wells, multipurpose groundwater and vapor piezometer wells, constructed using PVC, stainless steel, Westbay Multiport materials.

He has also supervised abandonment of groundwater monitoring wells and conducted aquifer testing of alluvial and bedrock materials in unconfined and semi-confined conditions, using slug, step rate, falling head, and constant rate methods.

#### Project Highlights

- SAN GABRIEL VALLEY SUPERFUND SITE – Azusa, California. Mr. Lindros was the project manager with design and oversight responsibility, data collection and reporting. Completed an 800-point soil gas survey soil sample collection and analysis at of 70 boring locations in alluvial gravels. Installed 32 multi-completion vadose zone piezometer wells, and 7 deep (350 feet) multi-purpose groundwater and vadose zone monitoring wells. Presented data using color graphics, evaluated data comprehensively to describe spatial and temporal chemical trends in the vadose and saturated zones to develop a conceptual model of fate and transport of chlorinated solvents in the subsurface.
- SAN GABRIEL VALLEY SUPERFUND – BPOU PRE-DESIGN WELLS – Baldwin Park, California. Mr. Lindros was the Registered Geologist responsible for oversight of drilling, well design, well installation and well sampling of the USEPA BPOU Multiport Pre-Design Wells installed by Camp, Dresser & McKee. Responsibilities included review of drilling/logging procedures (i.e. cuttings, mud weight/viscosity, lag times, drill times, etc), review of downhole geophysical logs and comparison to field logs, correlation of Pre-Design borings to nearby water production well lithology and design, and assist in providing design recommendations to USEPA for approval and construction. Also provided oversight during well installation, video logging, well development and well sampling phases of work.
- SAN FERNANDO SUPERFUND SITE – San Fernando Valley, California. Mr. Lindros was the primary field geologist during installation of over 60 groundwater cluster wells. At each location, drilled a pilot hole using direct mud rotary methods to depths of up to 1,000 feet. Evaluated geophysical logs and assisted in design up three to five wells screens and associated sealing zones. Wells were installed in separate boreholes.
- FORMER MANUFACTURED GAS PLANT SITES – Long Beach, Corona, San Bernardino, California. Working with Southern California Edison (SCE), Mr. Lindros was responsible for Site Characterization, collection of data to support Human Health Risk Assessments, and completing projects through Remedial Investigation/Feasibility Study (RI/FS). Prepared technical reports for submittal to Department of Toxic Substances Control (DTSC). MGP sites were re-developed, and access to former MGP sources areas was limited by current developments no longer owned by SCE.
- SCHOLL CANYON LANDFILL – Glendale, California. Mr. Lindros was directly responsible for Quality Control/Quality Assurance review of core logging at offsite detection and monitoring wells. Edited boring logs of alluvial and fractured, highly weathered granitic bedrock materials.
- PUENTE HILLS LANDFILL SUBSURFACE BARRIER No. 5 – Puente Hills, California. Mr. Lindros was responsible for mapping of backcuts and slurry wall excavations during installation of Barrier No. 5. Monitored Cement-Bentonite (CB) slurry parameters for compliance with project specifications. Installed post-barrier wall groundwater monitoring well installation using bucket auger drilling methods and open hole construction. Client: County Sanitation Districts of Los Angeles.

- **STRINGFELLOW WASTE SITE – Riverside County, California.** Mr. Lindros is working on the DTSC Preventative Maintenance Program for Wells and Piezometers, as the Professional Geologist supervising the annual maintenance activities performed by Layne GeoSciences of Fontana, California. Responsibilities include field oversight, preparation and review of annual reports to DTSC including recommendations to ensure adequate monitoring data and capture performance.
- **PERCHLORATE BIO-REMEDICATION PROJECT – Azusa, California.** Mr. Lindros was the field supervisor responsibly in charge of removal and on-Site bio-remediation of over 12,500 cubic yards of soils in the upper 20 feet containing greater than 500 micrograms per kilogram perchlorate. Oversized soils (gravels and cobbles) were crushed to <3/4 inch. All soils were then treated in on-Site batch plant by adding optimized concentrations of moisture, glycerin, and phosphate. Treated soils were then placed into fully encapsulated biotreatment cells. Following a minimum treatment period, confirmation soil samples were collected to confirm reduction in perchlorate concentration to acceptable regulatory levels. Collected excavation sidewall and bottom samples. Performed on-Site field testing for perchlorate to ensure all impacted soils were removed. Collected samples of pre-treated crushed materials, post treated soils, baseline bio-treatment cell soils, and post treatment samples to document remedial progress. Submitted samples for chemical and geotechnical testing. Monitored backfill of treated soils. Mapped excavation limits using Trimble GPS technology.
- **SANTA SUSANA FIELD LABORATORY – Santa Susanna, California.** Mr. Lindros performed downhole geophysical logging in open boreholes including electric logs, video logs, and spinner logging, and acoustic televiewer (ATV) logging. Evaluated geophysical data to characterize water-bearing fractured zones and designed an appropriate aquifer packer testing program. Performed step and constant rate testing of the alluvial and two isolated bedrock aquifers, and collected interval-discrete water samples.
- **EASTSIDE RESERVOIR PROJECT, SECONDARY INLET – Winchester, California.** Mr. Lindros was the lead geologist responsible for collection of geotechnical and geological information to assist in tunnel and pipeline design. Performed detailed surface geologic mapping of metamorphic schist and plutonic rocks associated with emplacement of the Southern California Batholith. Performed seismic refraction surveying, collection of continuous NX vertical, inclined and oriented core, and performed detailed aerial photograph analysis. Logged RQD, Fracture Frequency, and Percent Recovery in addition to very detailed lithologic description, particularly of fracture orientation, frequency, surfaces and fillings. Evaluated orientation data using a computerized stereo-net program to identify regional vs. local orientation sets relative to the orientation of the tunnel alignment.
- **RANCHO LAS VIRGENES SOLIDS HANDLING FACILITY – Los Angeles County, California.** Mr. Lindros performed an extensive geotechnical site assessment of bedrock composed of folded and faulted Tertiary Calabasas Formation (Tc). He employed backhoe test pits, surface geologic mapping, bucket auger drilling, and hollow stem auger drilling. Collected undisturbed samples for physical testing. Applied structural geologic problem solving to determine bedding orientation, direction and plunge of inclined fold axes, and to project the trace of a near vertical fault across and alluvial swale. Provided recommendations for selective grading and performed grading observation and cut slope mapping during rough grading operations.

Professional Affiliations / Certification

State of California Registered Geologist No. 5940, 1994

State of California Certified Hydrogeologist No. 467, 1996

California Stormwater Quality Association Qualified SWPPP Developer (QSD) and Qualified SWPPP Practitioner (QSP) # 24181

State of California Certified Site Surveillance Technician No. 96-2110, 1996

State of Nevada Licensed Asbestos Abatement Consultant No. IM0684, 1996  
OSHA 40-hour Health and Safety Training, 1990  
Annual OSHA 8-hour Health and Safety Refresher Courses, 1991 through present  
Geophysical Borehole Clearance Training (Ground Penetrating Radar, Pipe and Cable Location), 1992  
Supervisory Hazardous Substances/Waste Health and Safety Training, 1994  
Westbay Multiport Well System Training/Certification, 1997  
County of Ventura Registered Well Inspector, 1998 through present  
First Aid and CPR AED, 2016

**Ms. Tamara Yerkes – Geologist**

Geologist

**Education**

M.S. (In Progress), Geology, Cal Poly Pomona

B.S., Geology, University of California, Los Angeles

Ms. Yerkes has a Bachelors degree in Geological Studies from the University of California, Los Angeles, and is completing post bachelors degree studies in Geology from Cal Poly Pomona. She has over 5 years of environmental consulting experience throughout California, and has background in site assessment and soil, soil, vapor, and groundwater sampling, UST tank pull sites, and soil and groundwater remediation systems of hydrocarbon and volatile organic compound recovery.

**Project Experience**

As a Staff Geologist, Ms. Yerkes has performed and managed Environmental Site Assessments, Underground Storage Tank Removal, Soil and Groundwater Sampling, Site Characterization, and Remediation projects under oversight of P.E., P.G, P.H.G., and other environmental certified professionals for commercial, residential, industrial, agricultural, undeveloped, special-use, and redevelopment sites for a diverse range of clients.

Environmental Assessments – Conducted and managed Phase I, Phase II, and Phase III Environmental Site Assessment for numerous industrial, commercial, residential, and special-use properties. These assessments included site reconnaissance, agency reviews, aerial photo reviews, interviews with prior tenants, evaluation of hazardous material management practices used at the site, document and database reviews, and the preparation of reports outlining findings. Site assessment techniques include site area reconnaissance, surveying, and mapping; logging and classifying subsurface soil based on Unified Soil Classification System; soil, groundwater, soil vapor, and ambient air sampling and scheduling lab pick-up and analysis of samples; groundwater and soil vapor well installation. Perform and oversee well installations using hollow stem auger drill rigs, bucket auger rigs, and geoprobe rigs.

Site Characterization and Remediation – Remediation project experience includes groundwater well development and periodic groundwater monitoring, soil vapor step tests, and extraction pilot studies. Plug and abandon monitoring and remediation wells in accordance to industry and regulatory standards.

Project Manager – Generate proposals, budgets, and scopes of work for environmental due diligence assessments including project planning and execution; budgeting & invoicing; subcontracting; municipal/State/federal regulatory permitting and compliance Schedule and perform underground storage tank (UST) removal, this includes scheduling subcontractors, ordering appropriate equipment for the project, soil sampling, scheduling any over-excavation required, and completion of the project including soil removal and report writing.

**Project Highlights**

- P CAR WASH – Los Angeles County, California. Underground Storage Tank Removal project under Los Angeles County Fire Department oversight. One 5,000-gallon UST and one 8,000-gallon UST, associated pipelines, and dispenser associated with former fueling operations was removed at an active car wash, smog check, and automotive service facility. A UST removal permit was obtained from the City of Los Angeles Fire Department prior to the commencement of field work. During field activities, the underground storage tanks were exposed, triple rinsed, and residual liquids, solids, and rinsate were transported and disposed of at a recycling facility. Upon tank certification by a third-party marine chemist, the two underground storage tanks were transported to a disposal facility where a Tank Destruction

Certificate was issued. Soil samples collected and analyzed from beneath the tanks, product lines, and fuel dispensers under the oversight of a Los Angeles City Fire Department inspector indicated no unauthorized releases of fuel-related contaminants in significant concentrations in soil media. Case closure was issued by the Los Angeles City Fire Department. Ms. Yerkes contributed to the project as Staff Geologist, Report Author, Task Manager, and Project Manager.

- SS CAR WASH – Los Angeles County, California. Underground Storage Tank Cleanup Fund project under Los Angeles Regional Water Quality Control Board oversight. Provide corrective action measures and complete remediation services at an active car wash facility to bring site to regulatory closure. Well Head Maintenance, Groundwater Well Abandonment, Groundwater Well Installation, Fuel Fingerprint Forensic Analysis, Ground Penetrating Radar Survey, Leak Detection Testing (for the existing wastewater recycling system), and Installation of Large Bore Recovery Well and Development have been completed as part of on-going interim remedial action plan efforts at the site, and continued groundwater monitoring is being conducted at the site to document product and water levels, dissolved phase fuel hydrocarbon concentrations, and to evaluate natural attenuation parameters (NAP), including the presence or absence of available oxygen in dissolved phase groundwater in wells without free hydrocarbon product. Ms. Yerkes contributed to the project as Staff Geologist, Report Author, Task Manager, and Project Manager.

- FLAIR FACILITY – Los Angeles County, California. Planned Redevelopment Project under Los Angeles County Fire Department Site Mitigation Unit oversight. Conducted Phase I Environmental Site Assessment, Phase II Environmental Site Assessments, Site Characterization and Assessment, Groundwater Well Abandonment, Groundwater Well Installation, Groundwater Monitoring, Human Health Risk Assessment, and Stormwater/Stormwater Management Consulting services from 2011 to the present time at this planned redevelopment site. As part of an extensive Human Health Risk Assessment, three separate receptor scenarios were independently evaluated to determine the potential risk to residential, commercial, and construction workers. Groundwater conditions at the site have been adequately characterized, and monitoring activities at the site have been completed as of the final Groundwater Monitoring Event in Second Quarter 2016. A total of three groundwater monitoring wells are planned for removal in 2017. Continued stormwater management and consulting services are being provided for the site. Groundbreaking for construction is planned to commence in 2017. Ms. Yerkes contributed to the project as Staff Geologist, Report Author, Task Manager, and Project Manager.

#### Professional Affiliations / Certification

OSHA 40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER)  
16-Hour Soil Vapor Intrusion Course, 2016

**Mike Miller, EP – Senior Environmental Consultant**

MS, EP

**Education**

M.S., Biology, specializing in Environmental Microbiology, University of Southern California, Los Angeles

B.S., Biology (*Cum Laude*), State University of New York, Buffalo, NY

California Secondary Education Teaching Credential

As a senior environmental consultant, Mr. Miller provides diverse environmental consulting services and oversees consultants and engineers on daily basis, including storm water monitoring, BMP inspection, sampling and monitoring of construction projects. He oversees environmental assessment project management, site assessments, technical report writing, data analysis, customer service/support, and quality control.

**Project Experience**

Since 2008, Mr. Miller has been the lead consultant for Stormwater Pollution Prevention project and inspection program for various clients including Sempra Energy, including many utility construction sites in Southern California. Mr. Miller has been extensively involved in Phase II Subsurface Investigation, groundwater, surface water sampling and analysis, soil and waste sampling, profiling for a number of construction and development projects throughout Southern California.

Mr. Miller was formerly responsible for the formation, development, and management of two environmental departments (Phase I Site Assessment and AHERA), and provided diverse loss environmental consulting services to American International Group (AIG).

- His other experience includes evaluating environmental liability, general liability, product liability and fleet liability loss exposures. Also oversaw account portfolios comprised of a broad spectrum of manufacturing facilities, HUDMAP, land developers, pharmaceuticals firms, property management firms, and contractors.
- Prepared and reviewed Phase I and Phase II reports. Generated recommendations regarding liability risk management and risk reduction.
- Provided mold/water intrusion management consulting services to AIG member companies and clientele. Managed insurance claims. Developed and implement presentations and training programs.

Mr. Miller's technical expertise also includes the following areas of environmental consulting.

**Audits/Risk Assessments** – Comprehensive environmental audits of hundreds of manufacturing firms, hazardous waste treatment facilities, industrial firms, wastewater treatment plants, refineries, residential properties, and hospitals.

**Risk Management** – Served as the primary liaison between an insurance company and a large petroleum firm to manage a claim arising from an oil spill. The spill occurred as a result of the January 17, 1994 Los Angeles earthquake. Over 18 miles of riverbed were impacted by the spill, as well as extensive personal property damage. Cleanup costs were in excess of 32 million dollars.

**Remediation** – Coordinated and managed all aspects of remediation of petroleum-contaminated soils resulting from a tanker spill along a major highway. Project included performing site assessment to determine extent of contamination, obtaining agency approval of work plan, and coordinating with over fourteen agencies and firms involved with the spill and remediation.

Environmental Assessments – Managed Phase I Site Assessments Department, and has conducted environmental assessments for numerous industrial, commercial, and residential properties. These assessments included site reconnaissance, agency reviews, aerial photo reviews, interviews with prior tenants, evaluation of hazardous material management practices used at the site, document and database reviews, and the preparation of reports outlining findings.

Radon – Organized and implemented the survey of over 260 Southern California schools for radon, following EPA protocol. Prepared reports for each school, based on findings.

Asbestos – Assisted in the organization and inspection of 2,200 schools in California for asbestos building materials. Developed Inspection Reports and Management Plans based on the results of inspections. Served as asbestos coordinator for over 700 schools throughout California. Also completed a project involving the asbestos inspections of over 350 buildings and building complexes owned by the City of Los Angeles. Reports included risk assessment of asbestos materials identified during inspections.

Mold/Microbial Matter – As a member of AIG’s internal Mold Working Group, evaluated mold management/response plans, conducted mold-related field inspections, assisted in generating company policies/procedures, reviewed mold abatement contractors, and provided specialized mold/microbial matter consulting services.

Training/Seminars – Mr. Miller has conducted numerous training sessions and information seminars for building owners, insurance underwriters, and workers. Seminars have covered topics that included environmental regulations, liability issues, and worker safety.

With his strong professional and educational background in Environmental Toxicology, Hazardous Materials Management, Regulatory Framework, Groundwater Monitoring, Protection, and Cleanup, Chemistry of Hazardous Substances, Facility Audits and Environmental Compliance and Indoor Air Quality and Biological Contaminants Consulting, his expertise has benefited clients and consultants in many areas of environmental compliance and consulting.

#### Certifications & Registrations

Certificate: Environmental Auditing, University of California -Irvine, 1989.

Certificate: Toxic & Hazardous Materials Management, UCLA, 1990.

Certificate: OSHA 40-Hr Hazardous Waste Operations & Emergency Response, 1991

Certificate: AHERA Asbestos Building Inspector / Management Planner, 1988.

Certificate: AHERA Asbestos Contractor Supervisor, 1995

Certificate: Indoor Air Quality Manager, American Indoor Air Quality Council, 2002

Certificate: Microbial Remediation Supervisor, American Indoor Air Quality Council, 2002

Certificate: Construction Storm-water Pollution Prevention – 24 Hours, 2009.

Registered Environmental Professional, REP No. 2797

Member: American Indoor Air Quality Council

AHERA (Asbestos Hazard Emergency Response Act) Building Inspector

AHERA (Asbestos Hazard Emergency Response Act) Management Planner

OSHA Hazardous Materials First Responder Training

OSHA 40-hour Hazardous Waste Training

24-hour Stormwater Training – 2009

- Regulations including the 2009 Construction General Permit
- Proper Selection and Installation of Construction BMPs
- Preparation of the SWPPP/WPCP
- Water Pollution Control Specifications and Contract Special Provisions
- Preparation of a Sampling and Analysis Plan (SAP)
- Water Quality Sampling Techniques, Reporting and Analysis of Water Quality Data

- BMP Inspection
- 24-hour Stormwater Training – 2010
- California Regional Water Quality Control Board accredited training for Qualified SWPPP Developer (QSD) and Qualified SWPPP Practitioner (QSP)
- 2009-DWQ Construction General Permit



**Parviz Mobayen, PG – Senior Environmental Consultant**

MS, PG

**Education/Registrations/Certifications:**

MS, Petroleum Engineering, University of Southern California

BS, Geology, Tehran University

EPA/OSHA 40-Hour Hazwoper Certified

EPA/OSHA Hazardous Waste Site Supervisor Certified

Mr. Mobayen is an Environmental Professional and geologist with many years of experience in the consulting industry performing investigations at various hazardous waste sites. He has extensive experience conducting Site Characterizations, hydro-geological assessments, Remedial Investigation/Feasibility Studies (RI/FS), facility decommissioning, underground storage tank removal and Remedial Action. Responsible for the scheduling, management and supervision of various field operation including drilling, soil and groundwater investigation, design and installation of shallow and deep groundwater monitoring wells, data acquisition and interpretation, and report preparation. He has also been a key contributor for several multi-million dollar projects for industrial and government projects.

**Project Experience**

As an Environmental Geologist/Project Manager conducted Phase I, II, III and IV projects related to commercial and industrial sites. Project Manager: Conducted numerous Environmental Site Assessment (Phase I) at various site throughout Southern California. Performed site reconnaissance, regulatory agency record review, building permit review, aerial photograph and topographic map review, environmental data report review and prepared the final reports.

Project Geologist: Performed site characterization and soil remediation of a pottery and clay manufacturing facility in Los Angeles, California. Conducted shallow and deep soil investigation by drilling over 200 borings at this 7-acre facility. Installed nine groundwater monitoring wells to characterize the groundwater beneath the site. Conducted the groundwater sampling and prepared a report. Performed soil sampling, delineation of lead, arsenic, thallium and hydrocarbon impacted soils during the remediation activities, about 45,000 tons of soil (20,000 tons being fixed on-site to reduce disposal cost) were removed from the site, prepared maps and the final soil closure report.

Project Manager in several industrial facilities at Van Nuys Airport, Los Angeles, California. Conducted soil and soil vapor investigations by drilling and installing several deep nested vapor monitoring wells. Conducted soil and soil vapor sampling, data interpretation, prepared iso-concentration maps for contaminants of concern such as PCE and TCE and prepared the final report.

Project Manager in an aerospace contractor's site in Pomona, California. Conducted shallow and deep soil investigation with the oversight of the regulatory agencies to determine whether the soil or groundwater have been impacted. Conducted shallow soil remediation using excavation and off-site disposal. Conducted deep soil and groundwater sampling and testing which indicated that the site was not a contributor to the regional groundwater contamination.

Field Manager/Project Geologist for an aerospace company in a San Fernando Superfund project site dealing with TCE/PCE contamination of deep groundwater. Managed drilling activities including rotary mud drilling and provided technical support services. Responsibilities included installation and development of groundwater monitoring wells up to 600 feet deep. Performed aquifer pump tests and collection of hydro-geologic data. Managed abandonment of several deep multiple-screen wells by pressure grouting method and established procedures for conversion of the wells to shallow-screen wells.

Prepared technical data and provided support in preparation of reports, coordinated contractor activities, monitored site health and safety procedures.

Task Manager in the decommissioning and demolition of this aerospace manufacturing plant in Burbank, California. Prepared soil and asbestos sampling plan, conducted site inspection and survey for the 100-acre facility, supervised field crew and personnel, interpreted data and prepared the final report. Managed costs and schedules for technical services of the contractors.

Project Geologist at this US EPA National Priority List (NPL) site in San Bernardino, California. Managed drilling and sampling activities, design and installation of up to 1,000 feet deep monitoring wells as part of a remedial investigation program.

Project Geologist at the Port of Los Angeles facility. Performed environmental assessment at the facility, responsibilities included identification and characterization of hazardous waste, installation of monitoring wells, soil and groundwater sampling, asbestos survey and preparation of reports. Task Manager at this aerospace manufacturing facility in El Segundo, California. Prepared sampling plan and conducted a comprehensive survey and sampling of asbestos containing building materials for the 88-acre facility. Prepared maps, site assessment reports and analytical data for the design of asbestos abatement specifications. Prepared cost estimates and manpower projection for the project.

Field Supervisor during a remedial investigation for an Air Force base facility in San Antonio, Texas. Conducted drilling activities using hollow-stem-auger technique. Carried out various tasks related to sampling and analyses of groundwater and soil contamination, collected data, developed geological maps, performed soil/gas surveys for the underground storage sites.

**Richard Kim, EP – Senior Environmental Consultant**

EP

**Education/Registrations/Certifications:**

BA, Global Studies Socioeconomics Emphasis, University of California Santa Barbara

Mr. Kim is an Environmental Professional in the environmental consulting industry with over 15 years of experience, and has performed hundreds of site investigations for a broad range of commercial, residential, industrial, agricultural, undeveloped, special-use, and redevelopment properties throughout the country including California, Nevada, Oregon, Washington, Arizona, Utah, Colorado, New Mexico, Texas, Iowa, Illinois, and New York. He has extensive experience conducting Phase I Environmental Site Assessment and Phase II Environmental Site Assessment projects. He has also managed hundreds of site assessment projects, and performs senior review and technical training for environmental staff as a key contributor to major site assessment projects.

**Project Experience**

As an Environmental Professional, Mr. Kim has conducted and managed hundreds of Phase I, Phase II, and related environmental site assessment projects for a broad range of property types including commercial, residential, industrial, agricultural, undeveloped, special-use, and redevelopment sites. He possesses vast knowledge of all aspects of due diligence property assessments with extensive experience fulfilling the requirements of reporting standards such as ASTM, Environmental Protection Agency's All Appropriate Inquiries, U.S. Small Business Administration, and customized client requirements.

Environmental Assessments – Conducted hundreds of Environmental Site Assessment (Phase I and Phase II) at various sites throughout the country including California, Nevada, Oregon, Washington, Arizona, Utah, Colorado, New Mexico, Texas, Iowa, Illinois, and New York. Performed site reconnaissance, regulatory agency record review, building permit review, aerial photograph and topographic map review, environmental data report review and prepared the final reports. Conducted soil, soil vapor, and groundwater sampling, data interpretation, prepared maps for contaminants of concern such as petroleum hydrocarbons, volatile organic compounds, and metals, and prepared the final report.

Project Reviewer/Manager – Managed and performed senior review for Environmental Site Assessments across a broad range of property types throughout the country. Provide feedback and training for technical environmental staff. Conduct data interpretation, research, and project evaluation for complex properties with extensive site history.

**Project Highlights**

- TIDEWATER FACILITY – Alameda County, California. Performed environmental site assessment of three contiguous parcels of land totaling over 2.3 acres of unimproved land. The site was historically part of a larger parent parcel operated as a freight facility until it was subdivided into smaller parcels. Historical uses of the site included rail yard uses, lumber and milling operation, tank and pipe manufacturing, and trucking facility. Extensive regulatory agency records were reviewed pertaining to past subsurface investigations conducted at the parent parcel under an active release case associated with the northern site.
- FITE FACILITY – Sacramento County, California. Performed environmental site assessment of an industrial building on 3.15 acres of land formerly occupied by an optical laboratory that generated hazardous materials including sodium hydroxide, hydrochloric acid, potassium hydroxide, hydrofluoric acid, acetone, potassium nitrate, glycol ether, liberate degreaser (trisodium phosphate, synthetic detergent, and butoxyethanol), ethanol, coolant, lens polish, and defoamer. Sumps and oil/water

separators were used in connection with former business practices. The parent company was contacted and additional site facilities were inspected to obtain specific details regarding business operations to assess environmental risk. Subsequent to analysis and evaluation of historical data, prepared scope of work for further site investigation to determine soil, soil vapor, and/or groundwater conditions at the site.

- **LAWRENCE FACILITY** – Cook County, Illinois. Performed environmental site assessment of an industrial property spanning multiple parcels used as a warehouse. Historical uses of the site included automotive trucking operations and the property was listed on numerous environmental databases in association with an underground storage tank release case for the former trucking occupant. Absence of documentation pertaining to the sampling and removal of the underground storage tank was identified as an environmental concern for the Property and a subsurface investigation was recommended.
- **MARSHALLTOWN FACILITY** – Marshall County, Iowa. Performed environmental site assessment of a nationally-franchised hotel comprised of 106 units. Performed site reconnaissance, regulatory agency record review, building permit review, aerial photograph and topographic map review, environmental data report review and prepared the final report.
- **CARMICHAEL FACILITY** – Sacramento County, California. Performed subsurface investigation at a multi-tenant commercial building to assess whether historical uses of the site as a drycleaners had impacted the subsurface. The assessment included soil vapor sampling and testing of shallow subsurface soils. A total of eight borings were advanced at the site in most probable areas of concern within the former drycleaners unit using direct/hydraulic push drilling methods. Results of soil and soil vapor sampling indicated the Property had not been adversely impacted by historical uses of the site.
- **PALMDALE FACILITY** – San Bernardino County, California. Performed subsurface investigation at a former gasoline service station to determine whether the historical use of the site as a fueling facility had impacted the subsurface. The assessment included soil sampling and testing to a maximum depth of 20 feet below ground surface in the vicinity of former underground storage tanks, dispensers, and product piling area. A total of eight borings were advanced at the site using direct push drilling methods. Soil samples were collected at approximately five foot intervals, and representative samples were analyzed at a state certified laboratory for contaminants of concern. Results of soil sampling indicated the Property had not been adversely impacted by historical uses of the site.

**Mel K. Johnson, EP – Senior Project Manager**

EP

**Education/Registrations/Certifications:**

BA, English Literature, California State University Northridge

Ms. Johnson is an Environmental Professional with over 15 years of experience as an environmental consultant and project manager in the environmental consulting industry, with an emphasis in the management of environmental site assessment projects for private, lending, developer, attorney, and municipal clients. She has a broad background in the field of environmental site assessments with extensive management experience in Phase I Environmental site assessment, soil and groundwater environmental assessments, site characterization assessments, hazardous materials investigations, regulatory agency consulting, and environmental site assessment training. She has managed and delivered major environmental projects for key accounts and has contributed to the development of new accounts. Ms. Johnson has a proven track record of understanding and managing client's needs and expectations in addition to ensuring projects are delivered on a timely basis to client's expectations.

**Project Experience**

As a Senior Project Manager, Ms. Johnson has extensive management experience in Environmental Site Assessments, Portfolio, Underground Storage Tank Removal, Soil and Groundwater Sampling, Site Characterization, and Remediation projects working alongside P.E., R.G, I.H., CAC, and other environmental certified professionals for commercial, residential, industrial, agricultural, undeveloped, special-use, and redevelopment sites.

Environmental Site Assessments – Managed thousands of Environmental Site Assessment projects at various sites throughout the country for a diverse range of clients including private, lending, developer, attorney, and municipal clients.

Soil, Soil Vapor, Indoor Air, and Groundwater Sampling – Managed hundreds of subsurface investigations for sampling hazardous materials in soil, soil vapor, indoor air, and groundwater media for a wide range of property types. Typical drilling methods employed for subsurface investigations include geoprobe, hollow stem, and bucket auger rigs.

Site Characterization and Remediation – Managed site characterization and remediation projects involving site assessment, Human Health Risk Assessment, Interim Remedial Action Plan Design, soil excavation, soil vapor extraction (SVE), pilot test study, in-situ bioremediation of groundwater, and vapor intrusion mitigation via barrier methods such as sub-slab depressurization systems and/or sub-slab venting.

Underground Storage Tank Removal – Managed removal projects for underground storage tanks, clarifiers, hydraulic lifts, and other subsurface features.

RFP/RFQ Management – Generate proposals, budgets, and scopes of work for environmental site assessment and related projects through proposal evaluation and preparation; environmental data analysis; project planning and execution; budgeting & invoicing; vendor management; municipal/State/federal regulatory permitting and compliance scheduling; monitoring project milestones. Provide technical staff training as necessary. Manage project deadlines, budgets, and work scope to ensure projects are completed and delivered to Client expectations'.

### Project Management Highlights

- **P CAR WASH** – Los Angeles County, California. Underground Storage Tank Removal project under Los Angeles County Fire Department oversight. One 5,000-gallon UST and one 8,000-gallon UST, associated pipelines, and dispenser associated with former fueling operations was removed at an active car wash, smog check, and automotive service facility. A UST removal permit was obtained from the City of Los Angeles Fire Department prior to the commencement of field work. During field activities, the underground storage tanks were exposed, triple rinsed, and residual liquids, solids, and rinsate were transported and disposed of at a recycling facility. Upon tank certification by a third-party marine chemist, the two underground storage tanks were transported to a disposal facility where a Tank Destruction Certificate was issued. Soil samples collected and analyzed from beneath the tanks, product lines, and fuel dispensers under the oversight of a Los Angeles City Fire Department inspector indicated no unauthorized releases of fuel-related contaminants in significant concentrations in soil media. Case closure was issued by the Los Angeles City Fire Department.
- **SS CAR WASH** – Los Angeles County, California. Underground Storage Tank Cleanup Fund project under Los Angeles Regional Water Quality Control Board oversight. Provide corrective action measures and complete remediation services at an active car wash facility to bring site to regulatory closure. Well Head Maintenance, Groundwater Well Abandonment, Groundwater Well Installation, Fuel Fingerprint Forensic Analysis, Ground Penetrating Radar Survey, Leak Detection Testing (for the existing wastewater recycling system), and Installation of Large Bore Recovery Well and Development have been completed as part of on-going interim remedial action plan efforts at the site, and continued groundwater monitoring is being conducted at the site to document product and water levels, dissolved phase fuel hydrocarbon concentrations, and to evaluate natural attenuation parameters (NAP), including the presence or absence of available oxygen in dissolved phase groundwater in wells without free hydrocarbon product.
- **FLAIR FACILITY** – Los Angeles County, California. Planned Redevelopment Project under Los Angeles County Fire Department Site Mitigation Unit oversight. Conducted Phase I Environmental Site Assessment, Phase II Environmental Site Assessments, Site Characterization and Assessment, Groundwater Well Abandonment, Groundwater Well Installation, Groundwater Monitoring, Human Health Risk Assessment, and Stormwater/Stormwater Management Consulting services from 2011 to the present time at this planned redevelopment site. As part of an extensive Human Health Risk Assessment, three separate receptor scenarios were independently evaluated to determine the potential risk to residential, commercial, and construction workers. Groundwater conditions at the site have been adequately characterized, and monitoring activities at the site have been completed as of the final Groundwater Monitoring Event in Second Quarter 2016. A total of three groundwater monitoring wells are planned for removal in 2017. Continued stormwater management and consulting services are being provided for the site. Groundbreaking for construction is planned to commence in 2017.

**Hari Gupta, PE - Associate Consultant**

PE, MS, MBA

**Education:**

MBA, Corporate Strategy, Finance, Supply Chain, University of Southern California, Los Angeles

MS, Civil & Environmental Engineering, University of Oklahoma

BS, Civil Engineering, University College of Engineering

Research Assistant - NSF and USEPA Funded Project

Teaching Assistant - Groundwater Hydrology, Risk Management

Mr. Gupta has over 18 years of experience with regulatory environmental compliance, environmental site assessment, environmental auditing, civil engineering design, project management, construction oversight and cost estimation, and environmental compliance services for governmental and private clients. His expertise includes real estate development, safety engineering, hazardous material surveys, environmental compliance, facilities engineering and permitting, environmental site assessments (ESAs), due diligence studies, and soil and groundwater remediation system design. Mr. Gupta's expertise in the following broad areas:

Environmental Property Assessments

Environmental audits, Brownfields, permit preparation/negotiations, Phase I ESAs for commercial, industrial, and telecom sites, due diligence studies for investment banks;

Health & Safety Engineering

Prepared health and safety plans per OSHA requirements, Injury & Illness Prevention Plans and Report Filings, Worker Safety issues including Blood Lead Monitoring, Industrial Hygiene, Noise Monitoring, Forklift Safety, Electrical Lockout/Tagout, Trip/Fall protection, and Trench Safety.

Process Engineering and Wastewater Engineering

Waste treatability studies, hazardous gas mitigation systems, treatment system design, waste minimization, Permit-by-Rule, Tiered Permitting, and wastewater treatment;

Facilities Engineering

Facility modifications and improvements including storm water infrastructure, wastewater systems, and natural gas supply systems;

Investigation/Remediation and Cleanup

Site assessments, remediation pilot testing, dual-phase systems - HIVAC systems, soil vapor extraction, bioventing systems, subsurface investigations, soil gas surveys, CPT Surveys, groundwater monitoring well installation and logging, well abandonment, Geoprobe™ soil sampling, natural attenuation studies, soil and groundwater corrective action, work plans, RI/FS, and monitoring reports;

Water quality studies

Groundwater modeling, groundwater resources management, aquifer testing, freshwater/inland waterway studies, dredging and sediment management plans, Section 401/404 permits.

Hayden Industrial Products, Corona, California

Performed comprehensive environmental services including storm water and wastewater reporting, Toxic Release Inventory (TRI) auditing, annual compliance audits, hazardous waste/materials management, and air emissions inventory at radiator manufacturing plant.

Amtrak (various locations), California

Preparation of wastewater treatment system operation and maintenance manuals, environmental compliance matrix for multiple facilities, and storm water plans. Conducting TRI reporting evaluation and waste minimization assessment at the Los Angeles Redondo Maintenance Yard.

Metropolitan Water District, California

Designed and constructed a hydrogen sulfide gas mitigation system using hydrogen peroxide injection for extracted groundwater.

Edwards Air Force Base, Palmdale, California

Reviewed and certified three gasoline and diesel USTs and dispenser systems at EAFB.

Point Loma Navy Subase, San Diego, California

Soil Sampling and closure report preparation for a major pipeline removal and upgrade project (\$10 Million project) involving several miles of pipeline and storage tanks at Fleet Industrial Service Center tank farm. Project involved engineer certification for soil sampling, closure report, pipeline hydrostatic testing and certifications, SWPPP, and preparation of PCB removal workplans.

US Navy Fleet Industrial Supply Center, San Diego, California

Performed certification and quality control assessment of fuel piping upgrades for tank farm. Evaluated welding reports, soil compaction test reports, piping pneumatic and hydrostatic test reports. Provide construction management services for \$10M fuel piping upgrade project.

Professional Affiliations/Certification

California Professional Engineer #C57994.

National Ground Water Association

American Society of Civil Engineers

- Chair –Publicity and Public Relations Committee (1997-98), Los Angeles Chapter

Industrial Environmental Coalition of Orange County (IECOC)

Air & Waste Management Association

US Green Building Council

American Society of Quality

California Wireless Association



**Talitha Sweaney – Associate Consultant**

MBA, MS

**Education**

MS, Chemical Engineering, California State University, Long Beach

MBA, California Baptist University

BA, Chemistry, University of California, Riverside

**Project Experience**

Ms. Sweaney has extensive experience in the following areas: Permit certifications utilizing Clean Water Act Section 401, outreach and assistance to stakeholders and grant applicants before and during the grant application process, and successfully applying for technical grants. She also is proficient in non-point source pollution issues, Basin Plan amendment processes, compliance and grant coordination with U.S. Environmental Protection Agency (EPA), utilizing the Health and Safety Code/Title 22, and inspections of hazardous waste generators, transporters, and treatment/storage facilities.

Ms. Sweaney worked as a project manager for the California Environmental Quality Act (CEQA) group at the Port of Los Angeles. She reviews project applications to determine whether they are exempt from CEQA and coordinates with the Planning Division and Engineering Division accordingly. She has also been assigned the task of managing the preparation and necessary public processes for Environmental Impact Reports (EIRs). On occasion, an EIR must be prepared concurrently with an Environmental Impact Statement (EIS) depending on whether or not the National Environmental Policy Act (NEPA) requirements are triggered by the project activities.

As part of her responsibilities as a project manager with the CEQA group, She is also one of two sustainability liaisons for the Port of Los Angeles, working with multiple Divisions within the Port, to obtain and analyze sustainability data including water conservation surveys, energy conservation surveys, waste reduction surveys, and field observations to provide information to the City of Los Angeles. Further environmental work that Ms. Sweaney has been involved in at the Port of Los Angeles includes participating in meetings on behalf of the Port of Los Angeles for large scale projects. Ms. Sweaney targets key information from these public meetings, prepares information, and updates any necessary parties on project progress.

Ms. Sweaney has managed various environmental compliance activities on bridge construction projects and dams for Los Angeles County Department of Public Works. The range of services to be provided include various environmental compliance management tasks, construction inspection, contract administration, and project/program scheduling.

More specifically, Ms. Sweaney assisted Los Angeles County employees (e.g., Inspectors and Office Engineers) with construction safety, handling and management of hazardous & non-hazardous soil; Army Corps Nationwide Permits; CA RWQCB 401 & 402 Certifications; NPDES construction activities; waste discharge requirements; field monitoring equipment; lead-based paint investigations; and health and safety.

Skills necessary for this contract include interpersonal skills to effectively communicate with contractors and Agency personnel, Quality Assurance knowledge, experience with permitting and agency work, 40-hour HAZWOPER trained, the ability to read and interpret laboratory results, and the ability to apply data to regulations and suggest modes of action.

### Other Related Experience

Ms. Sweaney has been involved in coordination and negotiations with contractors with respect to waste management (e.g. lead paint removal, asbestos, creosote treated timber, and soil contaminated with aerially deposited lead) for several projects within Los Angeles County.

Ms. Sweaney has managed project compliance in regards to water quality, storm water, sampling and analysis plans, project-specific laboratory testing requirements, and environmental health and safety (e.g. confined space, implementation of site specific health and safety plans, safety consideration when working with specific hazardous materials and hazardous waste, etc.) for Los Angeles County Department of Public Works and San Diego Gas and Electric.

Ms. Sweaney was involved in preparing Conceptual Site Models (CSM) for the Port of Los Angeles. The purpose of a CSM is to synthesize the most recent information previously collected into a usable format for evaluation. The main objectives of a CSM is to identify sources of contamination, determine the nature and extent of the contamination, identify the dominant fate and transport characteristics of the site, specify potential exposure pathways, and identify potential receptors that may be impacted by contamination at the site based upon the review of readily available information. By utilizing the Conceptual Site Model (CSM) and the Fate and Transport models (FTMs) within the report, clients can manage exposure pathways that could result from future activities through the use of administrative and engineering controls. Our product provides decision-makers a tool to develop ways to ensure there is no exposure to chemicals of concern as future activities ensue. CSM was performed in accordance with Environmental Protection Agency (EPA) Guidelines.

Ms. Sweaney was employed as an Environmental Scientist III for the Santa Ana Regional Water Quality Control Board, Riverside, California. Ms. Sweaney reviewed applications, coordinated with responsible agencies, and drafted permits for Clean Water Act Section 401 certification requests. She has also participated in information sharing and coordinating efforts among participating agencies and stakeholders in the development of grant funding opportunities for 319(h), Propositions 13, 40, and 50. Independently,

Ms. Sweaney was directly involved in identifying sources for the funding of projects that would be completed by staff at the Santa Ana Regional Water Quality Control Board, preparing applications, obtaining funding from the USEPA through grant applications, and following through to ensure the project was completed to the satisfaction of USEPA project managers. Ms. Sweaney also has experience with work related to Waste Discharge Requirements and Conditional Waivers of Waste Discharge. Ms. Sweaney has made presentations to government personnel at Board meetings and other official settings as well as to the general public on topics ranging from investigation report findings to community education.

Ms. Sweaney has experience working as a Hazardous Substances Scientist for the Department of Toxic Substances Control in Glendale, California. She conducted onsite inspections and/or investigation activities of generators, transporters, and treatment/storage/disposal facilities to determine compliance with the Health and Safety Code and Title 22 CCR. Ms. Sweaney determined violations and penalties for formal and informal enforcement actions. Ms. Sweaney prepared written Summary of Violations (SOVs) and other legal documents required for referring enforcement actions to the Attorney General.

## 6.0 General Liability Insurance



## 7.0 DVBE Certification

## ODIC ENVIRONMENTAL - #43263

### SUPPLIER PROFILE

Legal Business Name	ODIC ENVIRONMENTAL		
Doing Business As	ODIC ENVIRONMENTAL		
Address	3255 WILSHIRE BLVD #1510 LOS ANGELES, CA 90010	Phone	(888) 634-2368
		FAX	(213) 380-0505
Email	<a href="mailto:ericmiller@odicenv.com">ericmiller@odicenv.com</a>		
Web Page	<a href="http://www.odicenv.com">http://www.odicenv.com</a>		
Business Types	Service		
Service Areas	Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Imperial, Inyo, Kern, Kings, Lake, Lassen, Los Angeles, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Mono, Monterey, Napa, Nevada, Orange, Placer, Plumas, Riverside, Sacramento, San Benito, San Bernardino, San Diego, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Ventura, Yolo, Yuba,		
Keywords	ENVIRONMENTAL APPRAISAL PHASE I SITE ASSESSMENT ASBESTOS REMEDIATION TESTING SOIL GEOPHYSICAL SUBSURFACE GROUNDWATER CONTAMINATION UST PML PCA REAL ESTATE DUE DILIGENCE A-CONTRACTOR LICENSE STORMWATER POLLUTION PREVENTION PROGRAM SWPPP PROFESSIONAL ENGINE		
Classifications	771015 - Environmental impact assessment 771016 - Environmental planning 771017 - Environmental advisory services 771018 - Environmental auditing 771116 - Environmental rehabilitation		

### Active Certifications

TYPE	STATUS	FROM	TO
DVBE	Approved	Apr 2, 2013	Apr 30, 2017
SB (Micro)	Approved	Apr 2, 2013	Apr 30, 2017

### Certification History

TYPE	STATUS	FROM	TO
DVBE	Expired	Apr 4, 2012	Apr 30, 2013
DVBE	Expired	May 10, 2010	Apr 30, 2012
SB (Micro)	Expired	Apr 12, 2010	Apr 30, 2012
DVBE	Expired	May 27, 2009	May 30, 2010
SB (Micro)	Expired	May 21, 2009	May 30, 2010
DVBE	Expired	Apr 21, 2008	Jun 12, 2009
SB (Micro)	Expired	Jul 15, 2008	May 21, 2009
SB	Expired	Jul 9, 2007	Jul 31, 2008
DVBE	Expired	Oct 12, 2006	Oct 31, 2007

## 8.0 Contractors License 'A' and 'HAZ'



CONTRACTORS  
STATE LICENSE BOARD  
ACTIVE LICENSE



License Number **918987**

Entity **INDIV**

Business Name **ODIC ENVIRONMENTAL**

Classification(s) **A HAZ**

Expiration Date **07/31/2018**

[www.cslb.ca.gov](http://www.cslb.ca.gov)



Any change of business address/name must be reported to the Registrar within 90 days

**This license is not transferrable, and shall be returned to the Registrar upon demand when suspended, revoked, or invalidated for any reason.**  
**This pocket card is valid through the expiration date only.**

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P.O. Box 26000, Sacramento CA 95826

Licensee Signature