

Statement of Qualifications



Overview

Murex is a privately held firm and a Small Business Enterprise (SBE) offering environmental consulting services to a wide range of clients and industries.

Murex's staff has the industry knowledge, expertise, and the regulatory understanding to provide innovative, practical and sustainable solutions. Our services are performed under a comprehensive health & safety program and completed cost-effectively. We strive to exceed the expectations of our clients in terms of schedule, budget and quality.

We are a client-focused, solution-oriented firm with a broad range of experience in the fields of civil and environmental engineering, commercial development and construction, and groundwater resources.

Specialty Services

For Developers & Property Managers:

- Combined Demolition/Remediation/Construction Support
- Vapor Intrusion & Methane Mitigation
- Environmental Planning, Stormwater, and Construction Support

For Industry:

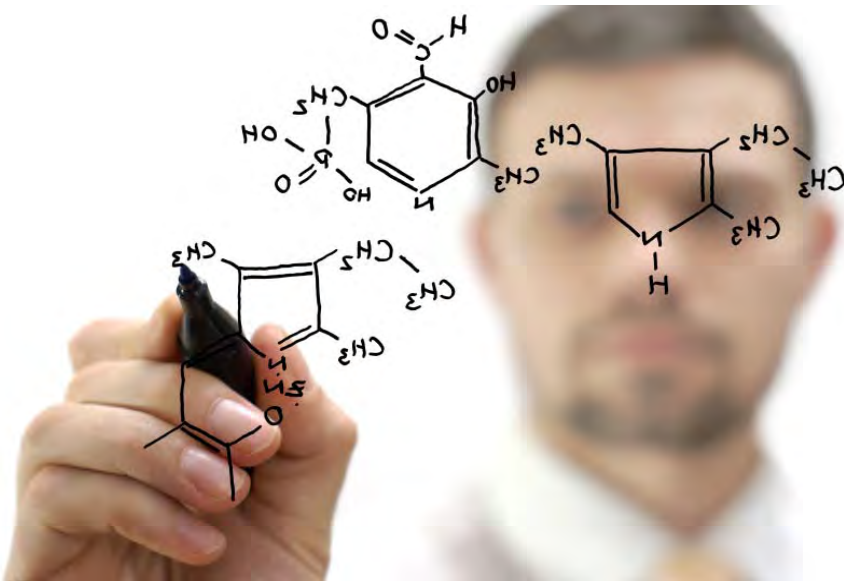
- Strategic Risk-Based Site Closure
- Industrial Property Divestment Support
- Remediation for PCE/TCE, Perchlorate, Hex Chrome, Dioxane, and other recalcitrant compounds
- Wastewater Management

For Attorneys:

- Contamination/Remediation Cost Allocation
- Expert Witness Testimony
- Forensic Evaluation of Contamination



We provide cost-saving advice on how to approach large and small development and remediation projects.



Expertise

With leadership exhibiting over 35 years of combined experience, we provide practical and reliable guidance to legal, commercial and industrial clients seeking environmental consulting services. Murex has industry knowledge, expertise and proven solutions in the following areas:

- Environmental Site Assessment
- Litigation Support, Expert Witness
- Remedial Investigation/Feasibility Studies (RI/FS)
- Vapor Intrusion Studies
- Remedial Design & Construction Oversight
- Air, Stormwater & Groundwater Monitoring
- Remediation System Operation & Maintenance
- Insurance Archaeology & Project Funding
- Risk Assessment & Risk-based Site Closure
- Methane and Vapor Intrusion Mitigation
- Environmental Liability Cost Allocation
- Stormwater Pollution Protection Plans/Designs
- Brownfields Redevelopment
- Hazardous Materials & Safety Auditing

We have extensive experience and long relationships with regulatory agencies on the state and local levels to ease regulatory compliance and approvals including the Regional Water Quality Control Board (RWQCB), federal Environmental Protection Agency (EPA) and California EPA (DTSC), South Coast Air Quality Management District (SCAQMD) and dozens of municipalities throughout California.

One of our strengths is the background our key staff possess with various clients, industries, regulators, investigative tools and remedial technologies. This has given us practical, hands-on experience and the ability to balance design and regulatory considerations with economic and liability factors. Understanding the different economic priorities and risk tolerance of our various client groups allows for the application of appropriate levels of conservatism in management and design.

Client Successes - Industrial Site Cleanup

Murex has experience in all phases of the site remediation process, including project scoping and strategic plan development; remedial investigation; interim remedial measure development and evaluation; engineering evaluation and cost analyses; feasibility studies; pilot testing; and remedial action implementation.

Former Clean Room Facility - Los Angeles, CA

Major historical solvent spill impacting soil and groundwater was remediated using an innovative combination of limited-access excavation, oxidants and vacuum extraction underneath active commercial buildings. Project involved identifying other RPs, negotiating clean-up levels with the RWOCB and supporting client's insurance cost recovery efforts.



Aerospace Manufacturing Facility- Sylmar, CA

Active aerospace manufacturing facility. Soil and groundwater impacted with PCE and hexavalent chromium. Project work involved site characterization, fate & transport modeling, investigation of off-site sources, pilot testing and interim remediation using multi-phase extraction and bioremediation.



"The true value of Murex as a firm is their technical competence and their project execution. They bring cost-effective, well-thought out solutions to complex and difficult problems. And, perhaps most importantly, they have earned the trust and respect of the environmental regulatory agencies that oversee us. That trust is an asset to our company"

Ken Verheyen, President
Astro Pak Corporation

Metals Recycling Facility - Los Angeles, CA

Murex designed and implemented a cost-effective bioremediation approach to a chlorinated solvent plume site that utilized both fast- and slow-fermenting carbon sources to achieve full degradation of TCE. This approach replaced a costly extraction system and reduced costs significantly.

Client Successes - Site Redevelopment



Shopping Mall Redevelopment - Manhattan Beach, CA

Provided environmental planning and engineering support on the redevelopment of a regional shopping center built over historic oil reservoirs. The project required widely varied expertise, including planning & EIR work, public outreach, methane & vapor intrusion assessment, planning for large scale excavation into impacted soils, stormwater mitigation measures, and negotiations with the Regional Water Quality Control Board.

Former Manufacturing Facility - Gardena, CA

Provided engineering design, construction, and operation of a multi-faceted remediation system network, which included a combined sub-slab depressurization/SVE system as well as a network of groundwater ISCO injection wells. The combined design and accelerated installation schedule allowed for tenants to occupy the building quickly, helping to recoup the cleanup costs.

Former Auto Wrecking Yard - Carson, CA

Provided environmental oversight and program management of the redevelopment of a former junk yard. Significant lead and TPH contamination was excavated, regulatory closure was achieved, and the Site was returned to productive use generating new tax base for the City.

"Murex took several complex site issues and worked with the City, environmental regulators, and the civil engineers to simplify the design and help us meet our sustainability goals without exacerbating the soil contamination issues on Site. They were efficient, thorough, and a great project partner."

*- Amber Richane, Director
Callison*



Client Successes - Litigation Support

Former Electronics Manufacturer - Santa Ana, CA

Provided expert testimony and engineering design, construction, and operation for the cleanup of a former electronics manufacturing facility in Orange County, California. Remediation of the chlorinated solvents was made more difficult in shallow and intermediate zone aquifers by fine-grained lithology. Murex's studies resulted in the identification of two additional responsible parties contributing chlorinated solvents to the groundwater.

"Murex was tasked to provide technical support for a large, multi-party mediation involving impacts to a municipal water supply. On short notice, they developed detailed designs and cost estimates for groundwater cleanup, that were instrumental in resolving the matter with substantial contributions from the parties' insurers to fund the necessary remediation."

Dave Isola, Isola Law Group

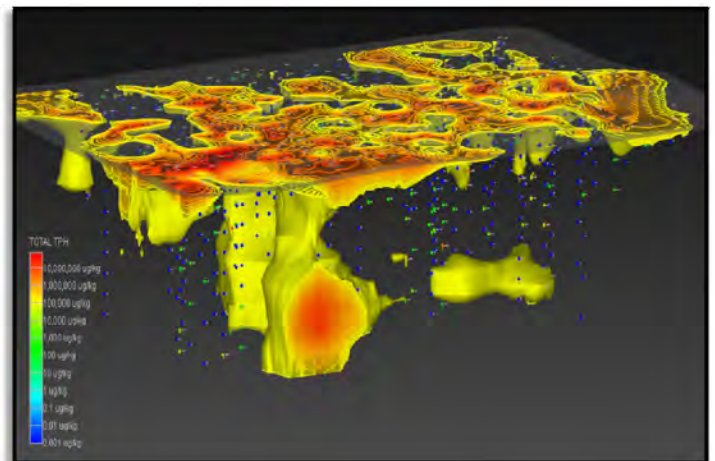


Superfund Site - San Bernardino, CA

Significant rocket, flare, and pyrotechnics site that resulted in the contamination of a major municipal supply system, and involved numerous responsible parties. Murex performed hydrogeologic studies, allocated portioned responsibility to various entities, and prepared designs and construction cost estimates identifying cost contributions based on the different contributing chemical agents and their sources.

Former Refinery - Los Angeles, CA

Performed litigation and insurance recovery efforts to support the characterization of a 55-acre former refinery site where free-phase petroleum hydrocarbons releases were significant. Approximately 250 borings and wells were advanced, and high resolution mapping tools were utilized to generate a 3-dimensional picture of the overall site impacts for design and planning. Project resulted in policy buy-back negotiations and significant funding for site cleanup.



Client References

Industrial Site Cleanup

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Contaminated Site Redevelopment

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Our clients rely on the strategic planning guidance and reliable project management as an extension of their organizations' capabilities.

Environmental Legal Support, Expert Witness & Cost Allocation

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