

CALIFORNIA ENVIRONMENTAL REMEDIATION

CONTACT

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Technical Excellence. Practical Experience. Client Responsiveness.

NEW JERSEY NEW YORK CONNECTICUT PENNSYLVANIA OHIO VIRGINIA GEORGIA FLORIDA TEXAS CALIFORNIA ARIZONA WEST VIRGINIA

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TREASURE ISLAND/YERBA BUENA ISLAND

Location: San Francisco, CA
Client: San Francisco Public Utilities Commission (SFPUC), Treasure Island Development Authority (TIDA)
Services: Environmental, Geotechnical, Site/Civil

OVERVIEW

Langan is providing engineering services for the Treasure Island/Yerba Buena Island Development Project on behalf of the Treasure Island Development Authority (TIDA). Langan oversees the environmental remediation program led by the US Navy and assists with issues of land transfer, reuse, and controls. Our team works closely with TIDA and developers (TICD and TIE) to plan for the future land development of the islands and Clipper Cove marina - addressing environmental conditions that affect construction, development design to land use controls, reuse criteria, regulatory agency coordination, and mitigation measures to address environmental restrictions.

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BATTERY EAST VISTA

Location: San Francisco, California
Client: Golden Gate National Parks Conservancy
Services: Environmental

OVERVIEW

Langan provided environmental site characterization, soil remediation, and risk assessment services for the improvement project at the historic Battery East Vista, located southeast of the Golden Gate Bridge toll plaza. The Battery East Bay Trail was expanded and a scenic overlook and landscaping was constructed over a historic landfill.

AWARDS

2016 American Society of Civil Engineers San Francisco, Top Parks and Recreation Project

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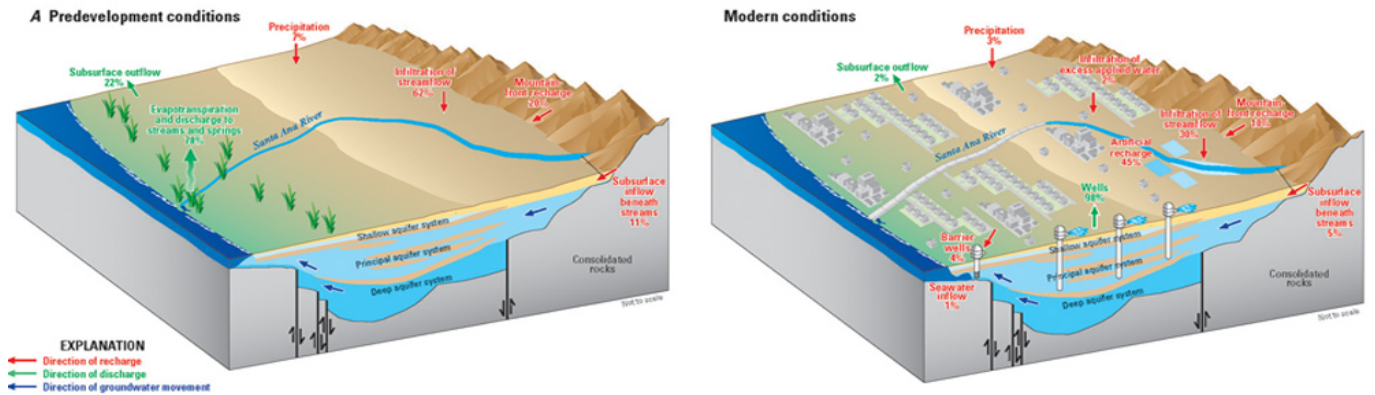
HERCULES GAS PLANT

Location: Santa Barbara, CA
Client: Confidential
Services: Environmental

OVERVIEW

Langan developed and gained regulator agreement on a final remedy for a Former Major Oil Corporation Gas Plant site located in Southern California. The agreed upon path to closure utilized a background analysis and risk assessment to identify attainable remedial cleanup standards for constituents of potential concern. By taking a face-to-face approach with regulators (DTSC, Region 9 EPA, Central Coast RWQCB, County of Santa Barbara) and presenting a strong argument for a risk-based strategy to closure, Langan was able to achieve an agreed upon 1 to 2 year path to closure that was 27 years (case opened in 1988) in the making with two previous consultants.

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ORANGE COUNTY GROUNDWATER CONTAMINATION AND ROLES OF WATER SUPPLY WELLS

Location: Orange County, CA
 Client: Confidential
 Services: Environmental

OVERVIEW

Langan provided litigation support services in a case regarding the South Basin Plumes, areas of groundwater contaminated with chlorinated solvents and degradation by-products. The case involved numerous parties and the Orange County Water District. Our services included data review, identification of sources of chlorinated solvents, development of a chronology of events related to chemical releases, hydrostratigraphic evaluation of aquitards and vertical transport pathways, contaminant fate and transport modeling, statistical analysis of attenuation factors, and evaluation of remediation alternatives. We also provided review and plot of capture areas and changes over time, and contaminant migration relative to well capture. These data were used to evaluate likely chlorinated solvent pathways.

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GOLDEN GATE BRIDGE SOIL REMEDIATION, TRANSPORT, AND DISPOSAL

Location: San Francisco, CA
Client: Golden Gate National Parks Conservancy
Services: Environmental

OVERVIEW

Langan served as the general contractor on this soil remediation job adjacent to the south approach to the Golden Gate Bridge. The project, associated with the Bridge's 75th Anniversary, consisted of site grading, trail improvements, and construction of a new plaza. The contaminants in soil were predominantly lead due to uncontained lead-based paint that had been sand-blasted off the bridge during numerous cleanings and re-paintings over the last 75 years. We oversaw the profiling, excavation, transporting, and disposing of the contaminated soil to a regulated landfill, ensuring adherence to best practices and stormwater protection plan measures, and we completed the closure report.

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TEXAS INSTRUMENTS CORPORATION

Location: Palo Alto & Santa Clara, CA, & Puyallup, WA

Client: Texas Instruments Corporation

Services: Environmental

OVERVIEW

Langan has worked on various Texas Instruments Corporation sites managing groundwater monitoring programs, designing and implementing remedial programs and working with regulatory agencies towards site closures.

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STOCKTON EVENTS CENTER

Location: Stockton, California
Client: Stockton Housing and Redevelopment Agency
Architect: Heinlein Schrock Stearns
Services: Environmental, Geotechnical

OVERVIEW

Langan performed a multi-site expedited Remedial Investigation/Feasibility Study, developed a Remedial Action Plan, supervised the cleanup, and prepared the final report on behalf of the Stockton Housing and Redevelopment Agency. Previous uses of the parcels included bulk fuel storage, paint manufacturing, shipbuilding and repair, automotive repair, dairy product storage, and rail yards. The sites have been redeveloped with a sports complex, baseball stadium, hotel and retail stores.

AWARDS

2008 US Environmental Protection Agency, Phoenix Award for Excellence in Brownfield Development

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FORMER SCHLAGE LOCK FACTORY - SOLVENT INVESTIGATION AND REMEDIATION

Location: San Francisco, CA
Client: James C. Jaffe
Services: Environmental

OVERVIEW

Langan directed the investigation and remediation of soil and groundwater contaminated with trichloroethene (TCE) and perchloroethene (PCE) at the site of the former Schlage Lock factory, which closed in 1999. With regulatory oversight by DTSC and RWQCB, Langan helped develop a public participation plan, conducted a risk assessment, and provided supporting documents consistent with the National Contingency Plan as well as expert witness services. We also conducted a preliminary geotechnical investigation and provided geotechnical services during environmental remediation. Plans for the 46-acre site include the construction of several multi-story residential, retail, and mixed-use buildings; parking garages; and parks.

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OHLONE COMMUNITY COLLEGE

Location: Newark, California
Client: Ohlone Community College District
Architect: MBT Architecture
Services: Environmental, Geotechnical

OVERVIEW

Langan performed environmental investigations for Ohlone Community College, an 80-acre former agriculture site. Our team provided an evaluation of soil, groundwater, and air quality. We also performed a master plan and design-level geologic hazard evaluation and geotechnical investigation.

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