

California School Assessment & Revitalization Services

LFR delivers a turnkey approach to the California school assessment and revitalization process. From site selection through construction or redevelopment, LFR provides the technical and regulatory building blocks to take your school project from concept to reality.

With ten offices, a statewide dedicated Schools Team, and a professional staff of over 200 in California, LFR can provide you with fast track, cost effective site acquisition and modernization services, knowledge of CDE regulations, and proven DTSC negotiation skills.



capabilities

LFR has guided over 70 California K-14 districts and charter schools through the environmental review and cleanup process under regulatory oversight. We offer a team approach whereby LFR engineers and environmental professionals work in partnership with district staff to streamline the process and manage each component of your program. From assessment and property acquisition, through abatement, demolition, regulatory negotiation, investigation, and cleanup, LFR's integrated school services provide a regulatory-based foundation for the construction and modernization of healthy schools.

- For K-12 districts, LFR's School Team staff includes Registered Environmental Assessors (I and II), Professional Geologists, Certified Hydrogeologists, Professional Civil Engineers, and Professional Geotechnical Engineers to oversee all components of CDE Checklist Sections 4.02 and 4.07.
- LFR's track record includes expedited assessment and reporting for full DTSC and CDE approval for school operation and funding.
- Our services also include assistance with the required Hazard Mitigation Plan in accordance with 44 CFR, Parts 201 and 206.

school district experience

Alameda City Unified School District
Anaheim City School District
Anaheim Union High School District
Alisal Union School District
Aspire Charter Schools
Baldwin Park Unified School District
Buellton Union Elementary School District
California Montessori Charter-Elk Grove
Camarillo High School
Chabot-Las Positas Community College
Chico Unified School District
Compton Unified School District
Conejo Valley Unified School District
Davis Joint Unified School District
Delano Joint Union School District
Dinuba Unified School District
Dixon Unified School District
Downey Unified School District
Dry Creek Joint Elementary USD
Dublin Unified School District
Ecole Bilingue de Berkeley
Escuela Popular Charter School
Esparto Unified School District
Fairfield-Suisun Unified School District
Fontana Unified School District

Guadalupe Unified School District
Hayward Unified School District
Huntington Beach City School District
Inglewood Unified School District
Lagunita Elementary
Las Virgenes Unified School District
Lodi Unified School District
Loomis Union Elementary School District
Los Angeles County Office of Education
Los Angeles Unified School District
Lynwood Unified School District
Marysville Joint Unified School District
Mesa Union Unified School District
Napa Valley Unified School District
North Monterey County United School District
North Orange County ROP
Oakland School For The Arts
Oakland Unified School District
Oakley Union Elementary
Orange County Department of Education
Oxnard Unified School District
Palo Verde Unified School District
Peralta Community College
Perris Unified School District

Pittsburg Unified School District
Placentia Yorba Linda Unified School District
Porterville Unified School District
Rancho Conejo Unified School District
Rocketship One Charter School
Roseville Elementary Unified School District
Sacramento City Unified School District
Salida Unified School District
San Francisco Unified School District
San Joaquin County Office of Education
San Joaquin Delta College
San Luis Obispo County Department of Education
Santa Monica-Malibu Unified School District
Santa Rita Union Elementary School District
Scotts Valley School District
Sequoia Union High School District
Tracy Unified School District
Val Verde Unified School District
Wasco Unified School District
West Contra Costa Unified School District
West Valley Mission Community College
Wheatland School District

expertise

LFR's School Team offers a multidisciplinary blend of engineering and site redevelopment expertise and regulatory acumen. We have attained closure at dozens of sites within the last few years and enjoy excellent working relationships with key agencies, including DTSC and CDE, such that our work protocols and methods have influenced the shape and direction of legislation and guidance for school assessment. LFR has streamlined the new school assessment and revitalization process in keeping with recent State legislation to achieve site closure quickly. LFR's programmatic approach to assessment, investigation and cleanup projects reduces task redundancy, optimizes existing data, and during expansion and renovation, is effectively carried out without disruption to school site operations.

services

Property Acquisition Phase I Environmental Site Assessments (ESAs), Preliminary Endangerment Assessments (PEAs), Remedial Investigation/Feasibility Studies (RI/FSSs), Removal Action Work Plans (RAWs), risk assessments, subsurface investigations, hydrogeology, water resources, remediation, health & safety, regulatory liaison, permitting, construction management.

Geotechnical/Geohazards Foundation design and consulting, earthwork monitoring, earthquake engineering, geologic hazards reports, design of shoring systems, foundation underpinning, grouting design, pavement design, dredging, field investigations, geotechnical testing, geotechnical engineering analyses.

Pipeline & Railroad Risk Analysis Analysis of potential imminent health and safety threats to students, faculty, staff and the public associated with a possible accidental release of any pipelines or from railroads located within 1500 ft. of the site.

Chemical Hazard and EMF Risk Assessments Risk analysis studies for hazardous surveys, and compliance with California Code of Regulations Title 5 and California Education Code.

Asbestos and Lead Based Paint Planning, designing, tracking, building surveys and analysis, asbestos-containing materials and lead-based paint abatement oversight, training, operation and maintenance programs, and construction supervision.

Community Participation/Public Outreach Community meetings, coordination to assist school districts in fostering confidence in the district's approach to new school evaluation, construction, and redevelopment.

Wetlands and Ecological Restoration Section 404 Wetlands Delineation, regulatory compliance, and permitting, ecological assessment and surveys, habitat restoration and enhancement, mitigation.

Industrial Hygiene Indoor air quality/mold management, health & safety training, noise monitoring, worker exposure evaluations, "right to know" training, Occupational Safety and Health Administration (OSHA) compliance inspection.

Air Quality Permitting, consulting, compliance assistance, design and engineering, testing, odor evaluation, risk assessment, and SB 352 and AB 32 compliance.

Civil Engineering Design Site designs, PDR and PS&E documents for infrastructure improvement projects, balanced grading plans, O&M plans, construction plans and specifications, AutoCAD.

Data Management Services/Geographic Information Systems (GIS) Data acquisition, data management, client database support technology; GIS for acquiring, storing, managing, analyzing and visualizing data, in-house databases; can be used for siting, facility management for public utilities, urban planning or natural resources and wetlands mapping.

Hazard Mitigation Plans In accordance with 44 CFR, Parts 201 and 206, FEMA requires local governments (schools and universities) to prepare Hazard Mitigation Plans in order to continue to receive FEMA grant assistance.

Litigation Support and Expert Witness Environmental and geotechnical cases involving: liability, cost allocation and recovery, insurance claims and defenses, regulatory enforcement by state agencies, foundation and slope stability.

Information Management Services Optimize existing databases, create intranets or extranets to manage data with schools or throughout school districts, including: retrieving, coordinating, and managing information related to energy use, facility operations, materials management and procurement.

Stormwater Planning for School Construction MS4 permitting; NPDES compliance; SWPPP and SWMP preparation; compliance inspection of erosion and sediment controls; SWPPP audits; design and installation of BMPs and run-off control; storm drainage sampling and monitoring; drainage infrastructure and treatment system design.

Regulatory Compliance Regulatory compliance, permitting, auditing; LFR maintains an in-house regulatory affairs group to monitor changes in legislation and policy.

Infrastructure Planning Analysis, optimization and design of streets and thoroughfares, utility installation and relocation, mass grading, paving, water conveyance channels, pipelines, sewer lines.

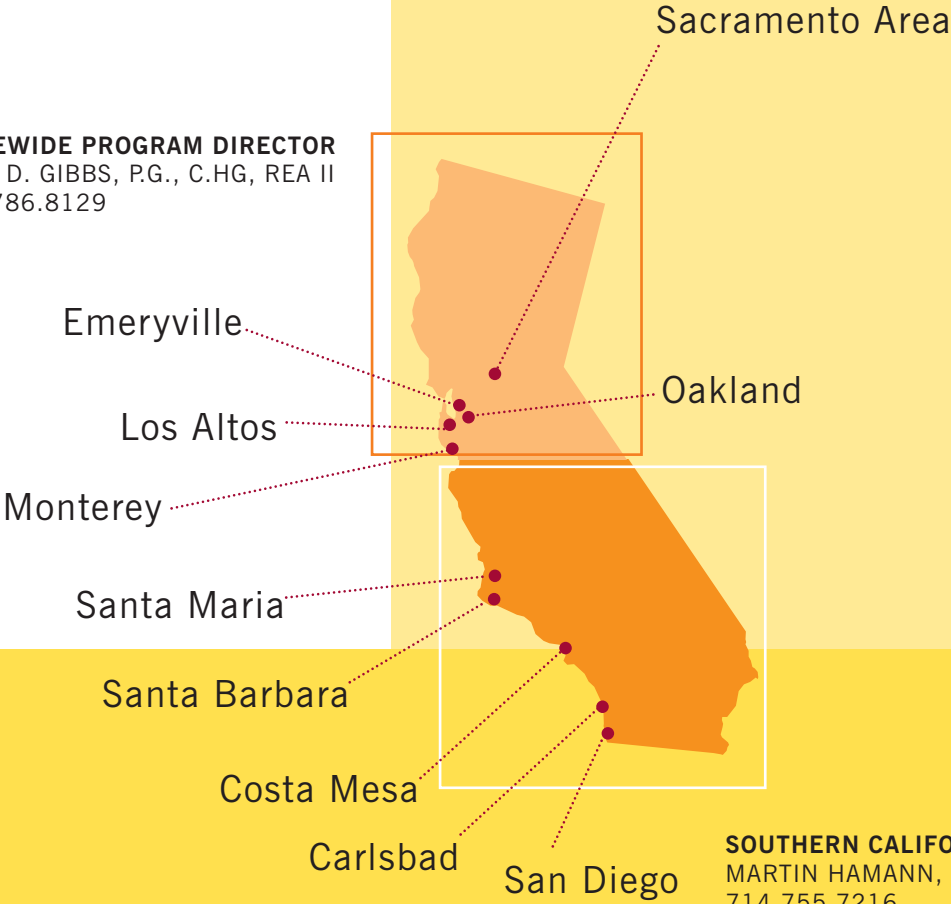
CEQA Services Includes EIR mitigated negative declarations and exemptions.

Construction/Demolition Management Confirmation to design and contract specifications; subcontractor/vendor selection, oversight, and management.

Railroad Risk Assessments Easement studies involving review of background information on track conditions and rail traffic; evaluation of potential safety hazards to the proposed school site; and identification of existing risk management measures.

California Resources

STATEWIDE PROGRAM DIRECTOR
ALAN D. GIBBS, P.G., C.HG, REA II
916.786.8129



SOUTHERN CALIFORNIA CLIENT LIAISON
MARTIN HAMANN, P.G., CH.G.
714.755.7216

LFR Inc. is an environmental management & consulting engineering firm with 40 offices nationwide. For more information, please contact Alan Gibbs at 916.786.8129 or via e-mail at alan.gibbs@lfr.com.