



UltraSystems
environmental • management • planning

**Statement of
Qualifications**

For

**Professional
Environmental
Consultant
Services**



TABLE OF CONTENTS

Company Qualifications	3
Core Business Is Environmental Consulting and Compliance Services	3
Our Project Team	3
Firm Stability and Strength Credibility More Than 30 years In Business.....	4
Business Certifications	4
Meeting Client Expectations.....	4
Hands-On Expertise with Regulatory Agencies	5
Understanding of Local Laws.....	5
Company Capabilities – Educational Institutions	5
Technical Disciplines.....	6
Key Personnel.....	9
Representative Projects.....	11
University and Community College Project Experience.....	11
UCI Medical/Training Center Replacement Hospital – Archaeological and Paleontological Surveying, Monitoring and Technical Documentation	11
Bren Hall, UCI Computer Science Unit 3 – Paleontological Monitoring	12
Cypress College – Above-Ground Storage Tank, IS/ND	13
North Orange County Community College District – Master Plan.....	13
Fullerton Community College.....	13
Cypress Community College.....	14
School District (K-12) Project Experience.....	14
Centennial High School Aquatic Center –Initial Study/ Mitigated Negative Declaration	14
Warren High School – Athletic Field Lighting Project, Initial Study.....	15
Downey High School – Softball Field Lighting Project, Initial Study	15
La Mirada High School –New Football Stadium Project – IS/MND	15
Phase I ESA for the Los Alamitos HS STEM Multistory building Project – Hazardous Materials.....	16
Los Alamitos USD WEAP Training Project – Cultural Resources.....	16
Los Alamitos High School STEM Building – IS/MND	17
Los Alamitos High School Aquatics Improvements – IS/MND.....	18
Mayfair HS AB 52 Outreach and Cultural Monitoring	18
La Mirada High School Baseball, Softball, and Practice Fields Project – IS/MND	19
Polytechnic High School Athletic Field Improvements - IS/MND	20
Clairemont High School Athletic Fields Increased Use and Whole Site Modernization – EIR.....	21
Mayfair High School Athletic Field Improvements - IS/MND.....	21
Bellflower High School Athletic Field Improvements - IS/MND	22
Venice High School Comprehensive Modernization – Technical Studies and IS/ND.....	22
Ulysses S Grant Senior High School Comprehensive Modernization – Technical Studies and IS/MND.....	23

North Hollywood High School Comprehensive Modernization – Technical Studies and IS/MND.....	23
Palm Crest Elementary School Modernization Project – IS/MND.....	24
Planning Area 5B Elementary School – IS/MND.....	25
Rossmoor Elementary School Playground – Categorical Exemption.....	27
Central Elementary School #21 – EIR	27
Reconstruction of Century High School and Relocation of the District’s Bus Storage and Maintenance Facility – IS/MND	27
Bus Route Reduction Plan – Traffic Study and IS/MND	28
Central Region MacArthur Park Elementary School Addition – Health Risk Assessment.....	28
San Fernando High School Teen Center – IS/MND.....	28
New High School #2 and New Continuation High School #1 – EIR	29
Playground Extensions at Various LAUSD School Sites: (1) Dayton Heights Elementary; (2) Hoover Elementary; (3) Pico Elementary; (4) Carrillo Elementary; (5) Woodlawn Elementary; and (6) State Elementary.....	30
New Elementary Schools, Irvine Unified School District – IS/MNDs	31
Beverly Hills High School – Phase II ESA	32
Venice Skills Center – IS/MND	33
Ohr Eliyahu Academy – Phase I ESA	33
Alhambra Unified School District – Preliminary Endangerment Assessment	34
Reid High School – Archeological/ Paleontological Monitoring	34
Additional Representative Project Experience	34
Safe Routes to School Pedestrian Improvements, City of Fontana- Ramona, Alder, And Locust Avenues	34
Safe Routes to School, City of Fontana- Arrow Blvd. And Fontana Ave.....	35
Comprehensive List of School (K-12 and College) Project Experience	36

COMPANY QUALIFICATIONS

UltraSystems Environmental Inc. (UltraSystems) is a full-service, interdisciplinary environmental and engineering consulting firm located at 16431 Scientific Way in Irvine, California. Founded in 1994, UltraSystems is headquartered in Irvine, and maintains offices in El Centro and Grass Valley, California.

CORE BUSINESS IS ENVIRONMENTAL CONSULTING AND COMPLIANCE SERVICES

UltraSystems was established as a consulting practice to assist private industry and governmental agencies navigate environmental regulations. The firm specializes in the National Environmental Policy Act (NEPA), California Environmental Quality Act (CEQA), Clean Air Act (CAA), Clean Water Act (CWA), Coastal Zone Management Act (CZMA), Endangered Species Act (ESA), California Endangered Species Act (CESA), Migratory Bird Treaty Act (MBTA), National Historic Preservation Act (NHPA), Archaeological Resource Protection Act (ARPA), and the Native American Graves Protection and Repatriation Act (NAGPRA), among others.

Our Mission: To ensure that our clients meet their goals by adding value through technical excellence, efficient organization and personal services.

OUR PROJECT TEAM

UltraSystems employs a diverse, multidisciplinary team of talented and experienced engineers, urban and regional planners, scientists, archaeologists, biologists, ecologists, geologists, hydrologists, economists, GIS specialists, architects, and support staff to achieve our corporate mission.

UltraSystems has a long and successful history of providing environmental consulting and compliance services to both public and private sector clients in the western United States. The firm's reputation as a problem-solver comes from our commitment to pragmatism, technical excellence and meticulous communication in servicing our clients. UltraSystems is committed to successful project management, time management and project delivery in every project that we undertake. Our firm conducts a substantial amount of work in California, including the preparation and review of CEQA/NEPA compliant documents and supporting technical studies (e.g., air quality and GHG, biological, cultural, land use, socioeconomic, hydrology, water supply and aesthetics). Significant projects have included the preparation of Environmental Impact Reports (EIRs), Environmental Impact Statements (EISs), as well as Mitigated Negative Declarations (MNDs) for lesser projects. Additionally, we have processed and delivered the necessary entitlements and project permits so that project development is not impeded.

UltraSystems believes that it is our responsibility as the environmental consultant to develop a legally-defensible environmental document, and to communicate our technical knowledge in a clear and concise manner to ensure readability for the client. UltraSystems is committed to providing well-structured documents that will serve our clients for years to come.



UltraSystems has provided environmental consulting services, regulatory permitting and environmental compliance services to various large-scale public agencies within Southern California. All of these agencies have contracts with UltraSystems that are task-order based. These clients include:

1. City, County, Port of San Diego
2. City of Riverside, Parks and Recreation
3. Cities of Anaheim, Irvine, Covina, Pomona, Riverside, and Chino Hills
4. City of Los Angeles, Department of Planning
5. County of Orange Public Works
6. County of Los Angeles, Department of Regional Planning
7. County of San Bernardino
8. County of Kern
9. Los Angeles County, Department of Public Works
10. METRO
11. Nevada Department of Transportation (NDOT)
12. NAVFAC Southwest Division, San Diego
13. Office of Statewide Health, Planning and Development
14. School Districts: Irvine, Long Beach, Los Angeles, Los Alamitos, and Alhambra
15. Water Replenishment District (WRD)
16. US Army Corp of Engineers (Los Angeles District)

FIRM STABILITY AND STRENGTH | CREDIBILITY | MORE THAN 30 YEARS IN BUSINESS

UltraSystems has been providing consulting services to public and private sector clients throughout California since the founding of the firm in 1994. During those 30 years, the firm has prepared over **7,000** environmental reports, engineering studies or technical studies for clients. UltraSystems continues to specialize in providing comprehensive services, emphasizing quality and client-oriented service.

UltraSystems' team of working professionals offers the highest level of experience, knowledge and commitment in providing environmental and engineering services. Our purpose is to manage each project we undertake efficiently, with respect to the project's work scope, budget and schedule; ultimately producing and delivering a **quality** work product for that project.

BUSINESS CERTIFICATIONS

UltraSystems is certified with various federal, state and local agencies. Currently, the firm holds certification as a federal Disadvantaged Business Enterprise (**DBE**), Small Business Enterprise (**SBE**), Woman-owned Business Enterprise (**WBE**) and federal Woman-owned Small Business (**WOSB**). We also maintain certification through the Supplier Clearinghouse (or CPUC) for utility clients.

MEETING CLIENT EXPECTATIONS

UltraSystems has a long history of providing technological innovation and creative approaches to solving challenging issues for clients. Public agencies and private businesses in California have relied on UltraSystems to keep them in compliance with federal, state and local environmental laws, regulations, and guidelines since 1994. The majority of our work stems from repeat customers who

trust us to deliver scientific objectivity, environmental expertise and legally-defensible technical documents, required to meet stringent agency regulations.

UltraSystems' CEQA/NEPA documents have never been challenged in a court of law. This is a direct result of our proven expertise interpreting and advising our clients on complex environmental legislation and regulations. Additionally, our respected working relationships with regulatory agencies are advantageous for our clients to swiftly obtain required permits and project approvals.

HANDS-ON EXPERTISE WITH REGULATORY AGENCIES

UltraSystems staff regularly interacts with federal, state, regional and local regulatory agencies, both as part of our environmental analyses under CEQA/NEPA, and in securing permits for our clients. We keep up to date on the requirements of the U.S. Fish and Wildlife Service (USFWS), U.S. Bureau of Land Management (BLM), the California Department of Fish and Wildlife (CDFW), the U.S. Army Corps of Engineers (USACE), the California Coastal Commission (CCC), California Department of Transportation (Caltrans), the California Environmental Protection Agency (Cal/EPA), Department of Toxic Substances Control (DTSC), State Water Resources Control Board (SWRCB), Regional Water Quality Control Boards (RWQCBs), South Coast Air Quality Management District (SCAQMD), California Air Resources Board (ARB), Imperial County Air Pollution Control District, the California Integrated Waste Management Board (CIWMB) and various other agencies to ensure that our regulatory knowledge is current. UltraSystems has also been responsible for compliance documents, management plans and associated permits. Our firm has also conducted interagency coordination at varying levels of detail and complexity on behalf of clients.

UNDERSTANDING OF LOCAL LAWS

Staff who would be assigned to your projects would be familiar with the county, resource agencies and environmental issues of the surrounding area. Additionally, our staff is experienced in surveying, identifying and mapping native and invasive species and critical habitats throughout Southern California. Key members who would play a major role on your project have developed a vast understanding of California ecosystems garnered from years of experience working on projects and residing in California. Additionally, all of UltraSystems team members have project and/or research experience in California, and have considerable experience working with the sensitive species and habitats of the state. These successful professionals and their associated experience provide a project team very capable of responding to any task request, and are seasoned enough to handle changing situations that your project may encounter during its construction.

COMPANY CAPABILITIES – EDUCATIONAL INSTITUTIONS



TECHNICAL DISCIPLINES

UltraSystems' **Air Quality** experts have prepared hundreds of air quality management plans and performed onsite compliance monitoring for major construction projects. They have prepared air quality analyses for multiple industrial, transportation, infrastructure, commercial and residential development projects. UltraSystems provides baseline assessments of existing conditions; estimates construction and operational emissions; and prepares health risk assessments. UltraSystems' staff are experts in using emissions models such as CalEEMod, EMFAC2011 and CT-EMFAC; and dispersion models such as ISCST3, AERMOD, EDMS and ALOHA. We develop successful mitigation strategies, offering fresh and creative solutions, and have negotiated agency approvals to expedite projects. UltraSystems also helps clients comply with air quality regulations through obtaining permits to construct and operate, preparing annual emissions reports and quadrennial air toxics emission inventories, and responding to notices of violation.



Our experts support CEQA documentation by preparing stand-alone technical studies and report sections. They conduct ambient **Noise Monitoring** to establish background exposures. By using its extensive library of construction equipment noise data, UltraSystems calculates noise exposures during construction and recommends mitigation measures to satisfy local criteria. UltraSystems models traffic noise with the Federal Highway Administration's model, TNM 3.1. We also use the program for preliminary design of soundwalls. Train noise is another one of UltraSystems' specialties. We have in-house software to conduct train noise analyses per Federal Transit Administration (FTA) guidelines.

UltraSystems' Air Quality experts also have the knowledge and experience to assist clients in meeting the **Greenhouse Gas Emission** reductions required by AB 32, the Global Warming Solutions Act of 2006. We have performed inventories for the U.S. Environmental Protection Agency, the California Air Resources board, the South Coast Air Quality Management District, the Ports of Los Angeles and Long Beach, and numerous industrial firms and residential and commercial developers. UltraSystems can estimate GHG emissions for specific projects, and for a client's day-to-day operations. Project-related emissions include those from offroad construction equipment, transportation of building materials and construction waste, including short- and long-term traffic generated by a project. GHG emissions from day-to-day operations include: direct emission from water and space heating; onsite electrical generation and co-generation; from use of fossil fuel-powered landscaping equipment and other combustion processes; from use of company motor vehicles; and from fugitive sources (such as refrigerant leaks). Indirect emissions normally include those associated with purchased electricity, but can also include such uses as employee business travel, waste disposal and subcontracted services. A GHG analysis can sometimes include the carbon footprint of building materials, appliances and other supplies purchased from others.



In the field of **Biology**, our biologists provide a wide array of services, including field surveys, vegetation mapping, habitat evaluations, threatened and endangered species surveys, jurisdictional delineations, and permitting. We maintain valuable ongoing relationships with the reviewing agencies for large construction projects, including the California Department of Fish and Wildlife, the U.S. Army Corps of Engineers, U.S. Fish and Wildlife Service, U.S. Bureau of Land Management, and U.S. Forest Service.

UltraSystems biologists are experienced in major field work in Southern California, using small to large teams of field crews. They offer a broad array of knowledge and are thoroughly familiar with California flora and fauna as well as special-status species' natural history and conservation issues. Biological staff field experience includes reconnaissance-level to focused-level biological field surveys of onsite resources; habitat assessments and plant community mapping; riparian/riverine/vernal pool and fairy shrimp habitat assessments; general botanical and wildlife surveys; protocol surveys that focus on individual plant or wildlife species and conform to agency survey protocols for those species; breeding bird surveys; California Rapid Assessment Method (CRAM) analyses; jurisdictional wetland delineations; wildlife movement evaluations; habitat restoration and site qualitative/quantitative monitoring; preconstruction clearance surveys; and construction biological and permit compliance monitoring. UltraSystems biologists hold federal and state permits, and are qualified to conduct protocol surveys for a wide range of sensitive species.



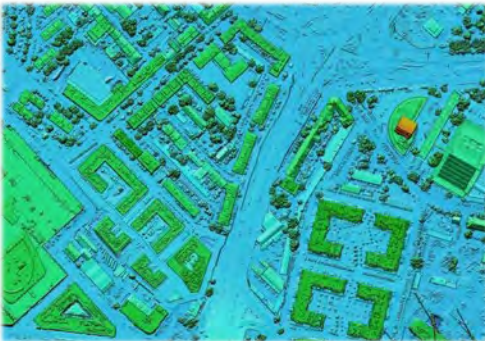
Our **Cultural Resources** staff are recognized as qualified historians, archaeologists and paleontologists by the federal government, state agencies and all local jurisdictions to which applications have been made. We have experience in all facets of cultural resources projects, including surveys, site testing and evaluation, Native American consultation, historic site recordation and research, mitigation programs, construction monitoring, cultural evaluations of geophysical data, evaluations for National Register eligibility, and paleontological studies.

Additionally, UltraSystems employs a highly-qualified team of professionals who provide cultural resource compliance services to assist our clients in adhering to environmental and historic preservation laws, including NHPA, CEQA, NEPA, and NAGPRA for public and private projects in California, Arizona and Nevada. Our team includes professionals with advanced degrees in Archaeology, Anthropology, History and Paleontology, as well as Licensed Historic Architects and Registered Professional Archaeologists (RPAs). Members of our team meet the U.S. Secretary of the Interior's (SOI) Professional Qualification Standards for History, Archaeology, Architectural History and Historic Architecture (36 CFR 61), as well as various county, municipal and state standards and requirements necessary to conduct cultural resources studies. As a result of the quality of their work, our staff has established strong relationships with representatives of key reviewing agencies, such as the State Historic Preservation Office (SHPO).

In the fields of **Geology** and **Seismicity**, our experts have a successful track record of obtaining approvals from the Division of Safety of Dams and the California Department of Water Resources, and have experience in researching and interpreting local seismic ordinances, incorporating existing background information contained in reports, memorandums of understanding (MOU) and other publicly-held documents from cities, counties and regional agencies, and combining this information to craft legally-defensible environmental documents and technical studies.

UltraSystems provides consulting services relating to the identification of **Hazardous Materials**, including Phase I Environmental Due-Diligence, Phase II Site Characterization Studies, and Phase III Remediation Plans. Some of these assessments are included as part of the CEQA process, and many are performed for ongoing businesses or property ownership transfers.

UltraSystems develops general construction **Stormwater Pollution Prevention Plans (SWPPP)** to assist clients in complying with Section 402 of the Federal Clean Water Act NPDES regulations. Every construction site that disturbs one acre or more, or is less than one acre but part of a larger common plan that would disturb one acre or more, must comply with the State of California's General Permit for Stormwater Discharges Associated with Construction Activities. The SWPPP must outline the Best Management Practices (BMP) planned for use on the site to prevent pollutants from leaving the project site. The submission of a SWPPP is required prior to the issuance of an Improvement Plan, Grading Permit or Encroachment Permit.



UltraSystems' **Geographic Information Systems (GIS)** staff is critical to our success, interpreting and presenting complex information in visually-appealing presentations. UltraSystems utilizes spatial analysis and mapping techniques to record significant features of a project study area, such as biological resources, land use coverage, topography and hydrology, geology and artifact densities. Our GIS capabilities enable us to locate, record, analyze and present significant amounts of project data and perform sophisticated modeling and spatial analysis to guide decision-making in site development. High quality

cartographic materials and well-defined analyses are standard products for our GIS services. Accurate and clear mapping, visual simulations, shade/shadow analyses, and photography are essential components of our presentation of environmental analyses and planning projects.

The UltraSystems **Planning** group has recognized experts in the fields of federal and state environmental laws (NEPA/CEQA), planning and zoning laws, social sciences, environmental justice and demographic analysis. Our staff has managed the environmental review for general plan updates and amendments, specific plans and zone changes. We also work with clients to conduct pre-project constraints analysis, feasibility studies and land use compatibility analysis. Our planning group is well versed in coordinating with affected state, federal and local agencies, and we have developed successful working relationships with a number of responsible agencies in Southern California.

KEY PERSONNEL

Betsy A. Lindsay, MURP – Founder/CEO

Ms. Lindsay is the founder of UltraSystems Environmental. She has led the firm's growth by focusing on quality and a service-driven approach for its clients. Ms. Lindsay brings over **35 years** of experience managing or providing principal oversight of environmental documents for various types of projects. Her primary responsibilities in-house include business and project management, contract administration, resource allocation and quality control. She also manages all corporate endeavors and assists with the QA/QC process of many environmental documents. Ms. Lindsay has managed and prepared more than 400 environmental documents, and provided entitlement obligations for large-scale public and private infrastructure projects.

Dr. Robert Manford, DPPD – President

Dr. Manford has been an Urban Planner for over **30 years** working on diverse projects of local, regional, and international significance for both private and public sector organizations in California and across the world. He has held executive management, staff, technical and subject matter expert positions as a public agency employee and consultant. Prior to joining UltraSystems, Dr. Manford was the Deputy Director of Planning for the City of San Jose, where he had oversight responsibilities for Environmental Review, Development Review, Permitting, and Urban Design and Historic Preservation within the City of San Jose's Department of Planning, Building and Code Enforcement. Prior to that position, he managed Environmental Land Use and Planning Divisions/Teams at the Community Redevelopment Agency of the City of Los Angeles, Los Angeles Community Development Department, and the Los Angeles Housing and Community Investment Department.

Michael Lindsay, BS – Operations Director

In this role, Mike Lindsay will be responsible for the QA-QC program for this contract. Mr. Lindsay has over **29 years** of relevant experience providing these services. As part of the delivery process, he will participate in key brainstorming and trouble-shooting meetings, and provide ongoing consultation to the project team. The core concept of UltraSystems' QA/QC plan is that independent peer review will also be conducted for all reports, work products and deliverables prior to their submittal to the City. Our goals are to ensure: (1) a high level of accuracy of the evidence that supports our findings; (2) quality of work products; (3) comparability; and (4) completeness of the work product so that the pre-defined goals of each project are met. Mr. Lindsay will ensure that all UltraSystems procedures are adhered to prior to any submittals being delivered to the City. Mr. Lindsay also provides technical assistance to Dr. Rogozen for air quality, GHG and noise studies, when needed.

Hina Gupta, MPI, LEED AP – Vice President, Senior Project Manager

Ms. Gupta is an urban planner with over **17 years** of experience in environmental planning and regulatory permitting for a variety of projects including infrastructure, transportation, renewable energy, commercial, residential, mixed use and master planned development, and educational facilities. Her areas of expertise include: Sustainable Land use, Aesthetics and Visual Analysis, Socioeconomics and Community Impact Assessment, and Green Building Design. Ms. Gupta is a LEED Accredited Professional and has experience working with public agency staff at various city and county departments within southern California.

Billye J. Breckenridge, BA, – Project Manager

Ms. Breckenridge is a Senior Environmental Professional with over **26 years** of comprehensive and diverse experience in environmental consulting. She specializes in regulatory permitting and compliance, CEQA/NEPA document management, preparation, and process, project management, public involvement, jurisdictional and biological resources, and business development. She has managed large NEPA and CEQA projects, 404 permitting projects, and multi-disciplinary teams of technical staff and subconsultants. She is proficient at identifying project permitting needs and negotiating and working with federal, state, and local resource agencies to obtain permits and approvals. She has coordinated and led large biological field surveys and analysis for federal and state protected species, and jurisdictional determinations/ wetlands delineations. She has directed and prepared numerous environmental analysis reports and permitting packages required pursuant CEQA, NEPA, Clean Water Act, Threatened and Endangered Species Act, MSHCPs, and others. She has planned, participated in, and conducted public scoping and other public meetings required under NEPA and CEQA, 404 permitting, and transmission line routing. Her extensive project experience consists of public and private projects including residential/commercial development, transportation, renewable energy/power plants, flood control, gas pipeline, transmission lines, mining, large utility/water lines, wastewater treatment, schools, and ports.

Michael Milroy, MS – Project Manager

Mr. Milroy is a planner with over **18 years** of experience in community and environmental planning. Mr. Milroy is trained in a variety of project types including residential, commercial, industrial, mixed-use, and specific plan projects. Mr. Milroy's expertise includes California Environmental Quality Act (CEQA) document preparation, project management, and review of supporting technical studies; including, but not limited to, Environmental Impact Reports (EIRs), Initial Studies, Mitigated Negative Declarations, and federally funded National Environmental Policy Act (NEPA) documents.

Michael Rogozen D.Env – Senior Principal Engineer

Dr. Rogozen heads UltraSystems' air and noise practice. He has over **49 years** of experience in project management, health risk assessment, air and industrial wastewater permitting in California, greenhouse gas emission inventories and carbon footprint studies, ambient air and noise monitoring, dispersion modeling, pollution control technology assessment, economic analysis of air pollution control alternatives, air toxics emission inventory development, offsite consequence analysis, environmental database design, survey design and management, source test design and analysis, subsurface methane investigations, regulatory analysis, and technical writing and editing.

Dr. Rogozen is responsible for consulting, technical project management and business development. He has assisted industrial and governmental clients in complying with federal and local air quality regulations. His work has included managing air compliance audits, preparing applications for permits to construct and operate (including Title V permits), annual emissions reports and responses to notices to comply and notices of violation. He has also conducted many health risk assessments under AB2588, Proposition 65, and SCAQMD Rule 1401. Dr. Rogozen serves as a quality assurance officer for UltraSystems' technical documents and proposals.

Michelle Tollett, BA, ISA – Biological Resources Manager, Senior Biologist

Ms. Tollett has over **25 years** of experience as a field and consulting biologist working with private companies and public agencies throughout California and the Rocky Mountains. She is the chief Sr. Biologist and Project Manager at UltraSystems Environmental in Irvine, California. Her responsibilities include managing the Biological Resources Team; supervising and mentoring staff biologists; delegating work assignments; approving timesheets, expense reports, and overtime requests; overseeing projects from start to finish or managing aspects of projects, managing budgets and project schedules; interacting with client and resource agency representatives; coordinating biological studies and assisting in managing biologists on project sites; coordinating with resource agencies and clients to develop mitigation site design; coordinating with landscape design and maintenance contractors on mitigation sites; preparing and conducting environmental awareness training.

Stephen O'Neil, MA, RPA – Archaeologist/ Anthropologist – Cultural Resource Manager

Mr. O'Neil is a Cultural Resource Manager with over **46 years** of experience. Mr. O'Neil's responsibilities include management of cultural resources tasks for multiple projects, writing and QA/QC of technical documents, coordinating field surveys and construction monitoring, and leading field efforts for historic and prehistoric site excavations and analysis. Mr. O'Neil has a broad scope of environmental consulting responsibilities and experiences ranging from general project management and technical writing to prehistoric site excavation and construction monitoring. He has worked on projects with clients in both the public and private sectors—including alternative energy, energy transmission, U.S. Forest Service, parks, public works and water resources. He has authored and coauthored numerous technical reports and conducted surveys and monitoring in compliance with NEPA, CEQA, and other federal, state, regional and local laws and regulations. Mr. O'Neil is an active member in the field of cultural resources—he is a board member of the Pacific Coast Archaeological Society and the Orange County Natural History Museum Foundation. He is also a member of the Society for California Archaeology.

REPRESENTATIVE PROJECTS

UNIVERSITY AND COMMUNITY COLLEGE PROJECT EXPERIENCE

UCI MEDICAL/TRAINING CENTER REPLACEMENT HOSPITAL – ARCHAEOLOGICAL AND PALEONTOLOGICAL SURVEYING, MONITORING AND TECHNICAL DOCUMENTATION

Client: University of California, Irvine



UltraSystems provided archaeological/paleontological monitoring for the UCI Medical Center Replacement Hospital, which is currently being constructed. The primary purpose of the monitoring is to ensure that if resources were encountered during earthmoving operations that a qualified archaeologist had the opportunity to recover and determine the importance of the find(s). UltraSystems supplied a single monitor during construction. However, during the course of the project and as excavation operations were considered heavy, UltraSystems supplied other monitors to provide adequate coverage for the

project site. If archaeological resources were encountered during the course of the excavation or rough-grading program, the monitor retained the authority to temporarily halt or divert earthmoving activities until the importance of the find(s) could be ascertained.

UltraSystems also determined that a paleontological monitor familiar with the extraction and recognition of vertebrate microfossils would need to monitor the deeper parts of the borings for the soldier beams. Sediment samples from the deeper parts would be tested periodically for the presence of vertebrate microfossils. The results of these tests provided data to make a more accurate assessment of what might be expected in the subsequent mass excavation. UltraSystems provided a highly qualified archaeologist to assess the degree of monitoring necessary for the project.

This project consists of three main elements: (1) construction of a new hospital to meet SB 1953 requirements by 2008; (2) associated renovations and non-structural bracing in Building 1A to meet SB 1953 requirements; and (3) construction of a new chiller plant and required utility upgrades to existing central plant facilities, as well as structural and non-structural improvements mandated by SB 1953 legislation.



The new hospital will replace the existing Building 1, which currently has 205 available beds. The new inpatient facility will be designed to operate more efficiently and to provide flexibility to respond quickly and cost effectively to the rapidly changing health care market environment. Initially, the new facility will have 191 licensed beds, with a capacity to add a 30-bed medical surgical unit at a later date. Patient care and support functions in the new 189,297-square-foot hospital will include inpatient services, diagnostic and treatment services, administrative services, general support services, and patient/public services. The project is funded from State lease revenue bond funds (\$235,000,000), debt financing, gift funds and hospital reserves. Completion of the replacement hospital is scheduled to open in Year 2009.

BREN HALL, UCI COMPUTER SCIENCE UNIT 3 – PALEONTOLOGICAL MONITORING

Client: University of California, Irvine



UltraSystems performed paleontological monitoring for the Computer Science Unit 3 Building, located on the campus of UCI. This project, currently under construction, addresses ongoing enrollment growth and involves the construction of a new building of 90,844 square feet, which will primarily house the Department of Information and Computer Science and general assignment classrooms.

UltraSystems provided a paleontologist to monitor all excavation and other construction operations. Our monitor was responsible for the inspection of trench sidewalls, utility trenching, and a spoils pile from the excavation lines. Based on the extent of excavation anticipated for the project, UltraSystems provided an onsite monitor to walk to site with the designated construction manager to ensure that all operations were cleared prior to commencing. It was deemed necessary that while the majority of the excavation operations would require a single monitor, there were periods where excavations extended beyond the typical protocol outlined in construction documents. All monitors onsite were required to examine the trench sidewalls, take

photographs and construct stratigraphic profiles of open trenches. Upon the location of any artifacts, all construction operations were to cease immediately so that the artifacts could be identified appropriately.

CYPRESS COLLEGE – ABOVE-GROUND STORAGE TANK, IS/ND

Client: Cypress Community College



College Master Plan.

Cypress College proposed to develop, prepare and process an IS/ND for an above-ground storage tank (Project) on the grounds of the Cypress Community College campus, adjacent to their Maintenance and Operations building. The proposed 2,000-gallon above-ground fuel tank would meet or exceed Underwriter Laboratories' (UL) standards on above-ground tanks for flammable and combustible liquids. UltraSystems prepared an IS/ND in compliance with CEQA and tiered the Initial Study from the Program EIR for the Cypress Community

NORTH ORANGE COUNTY COMMUNITY COLLEGE DISTRICT – MASTER PLAN

FULLERTON COMMUNITY COLLEGE

Client: North Orange County Community College District



The North Orange County Community College District (NOCCCD) and its Board of Trustees commissioned the development of the North Orange Community College District Master Plan, which consisted of three volumes: Volume One – The District Master Plan; Volume Two – The Cypress College Master Plan; and Volume Three – The Fullerton College Master Plan. The purpose was to provide a clear vision to guide the direction the NOCCCD and its colleges are moving in the future and to provide students with the means for attaining their maximum potential through the development of intellectual, social and physical skills in a positive college environment. The development of the Fullerton College Master Plan was County given impetus by the changing demographics, the increased demand for classes and services, a lag in facility renovations (which have not kept pace with new technologies and curricula, and with new teaching methodologies), and by the need to comply with state funding requirements. UltraSystems was contracted to assist the NOCCCD in the process of better defining their specific vision and to achieve its overall goals. UltraSystems prepared an Environmental Impact Report (EIR) for the Fullerton College Master Plan, which comprehensively examined and assessed the potential significant environmental impacts associated with the proposed development of the master plan. Fullerton College Master Plan project is located on 69.3-acre campus site in the City of Fullerton and within North Orange County. The site is generally bound by Berkeley Avenue to the north and east, Chapman Avenue to the south and Lemon Street to the west. A southern portion of the campus crosses Chapman Avenue and continues south past Wilshire Avenue. A small northern portion of the campus is located on the corner of Berkeley Avenue and North Lemon Street. The NOCCCD has completed new construction remodeling, and reconfiguring of existing spaces on the campus site

CYPRESS COMMUNITY COLLEGE

Client: North Orange County Community College District



The development of the Cypress College Master Plan (and also that of the Fullerton College Master Plan) was given impetus by the changing demographics, the increased demand for classes and services, a lag in facility renovations

(which have not kept pace with new technologies and curricula, and with new teaching methodologies), and by the need to comply with state funding requirements. UltraSystems was contracted by the NOCCCD in the process of better defining that vision and to achieve its goals. UltraSystems prepared an EIR for the Cypress College Master Plan and the Fullerton College Master Plan to examine and assess the potential significant environment impacts associated with the development of the two master plans. The Cypress College Master Plan project would be located on 22 parcels on a 108-acre campus site, located in the southwest segment of the NOCCCD service area in the City of Cypress and within North Orange County. The NOCCCD proposes some new constructions (new campus center, School of Continuing Education), remodeling and reconfiguring of existing spaces on the campus site. It also proposes to create a new north entrance road from a revitalized Lincoln Avenue commercial zone. UltraSystems will examine the potential impacts of traffic, onsite circulation issues and impacts of new constructions of the project.

SCHOOL DISTRICT (K-12) PROJECT EXPERIENCE

CENTENNIAL HIGH SCHOOL AQUATIC CENTER –INITIAL STUDY/ MITIGATED NEGATIVE DECLARATION

Client: Corona-Norco Unified School District



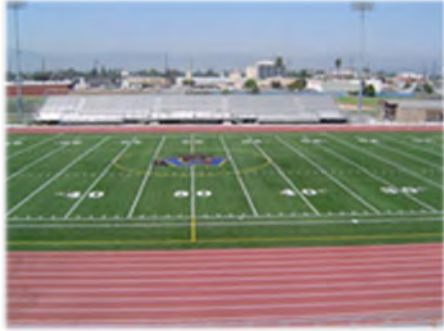
The Corona-Norco Unified School District (CNUSD) proposes the improvement and modernization of the existing pool facility at Centennial High School (CHS) located in east-central Corona, CA.

The project would demolish the existing Aquatic Center, which was built in 1993, and associated infrastructure and utilities. In addition to demolition of the pool and foundations. The project constructed a 50-meter athletic pool, two new buildings (one for locker rooms and the other for concessions) and pool lighting. An electronic scoreboard was installed on poles on the southeast portion of the pool deck facing towards the bleachers. A Wall of Fame, calling out accomplishments of the school's aquatics programs, will also be installed on the south wall of the complex, immediately west of the scoreboard.

UltraSystems prepared the IS/MND and conducted technical studies regarding Greenhouse Gas Emissions, Cultural Resources, and Noise. The MND for this project was certified by the Corona-Norco Unified School District on January 16, 2024.

WARREN HIGH SCHOOL – ATHLETIC FIELD LIGHTING PROJECT, INITIAL STUDY

Client: Downey Unified School District



The District proposed to construct a modern lighting system consisting of 12 light standards on baseball and softball diamonds at Warren High School to promote organized athletics and campus security at nighttime events.

UltraSystems prepared an Initial Study and held a public information meeting to solicit input on the project. The analysis found that light spill onto adjacent residential properties during operation of the lighting had the potential to impact local residents, and noise impacts during installation of the light poles were found to be potentially significant.

Working closely with the District, UltraSystems proposed operational procedures and screening techniques to reduce impacts below a level considered to be significant. The District issued a Notice of Intent to approve the Initial Study and Mitigated Negative Declaration prepared by UltraSystems. The project was completed on time and within budget.

DOWNEY HIGH SCHOOL – SOFTBALL FIELD LIGHTING PROJECT, INITIAL STUDY

Client: Downey Unified School District

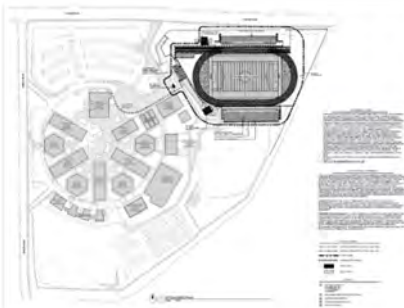


Downey Unified School District is proposing to install sports lighting on the existing varsity softball field located within the Downey High School campus. To support District compliance with the California Environmental Quality Act (CEQA), our scope of work included a Lighting Impact Study that analyzed impacts on adjacent sensitive land uses subject to project generated artificial light and glare. This report provided measures that avoid, minimize or mitigate any adverse impacts. Based on the conclusions of the lighting impact study, and in consultation with the District, UltraSystems provided an Initial Study

supporting Mitigated Negative Declaration (MND).

LA MIRADA HIGH SCHOOL –NEW FOOTBALL STADIUM PROJECT – IS/MND

Client: Norwalk-La Mirada Unified School District



The project proposes a new football stadium and field improvements at the La Mirada High School. The proposed project includes the replacement of the following existing components: home and visitor bleachers, scoreboard, synthetic turf, synthetic track, home and visitor field houses (which include restroom/concession structures), press box, ticket booth, fencing, and paving. The project also includes a new home/visitor path of travel, and ADA compliant accessibility features. UltraSystems is conducting the environmental analysis for this project.

Major Issues: An issue for this project is the proposed replacement of existing football field lighting. The IS/MND prepared for the project analyzed the potential impact of new field lighting for the football field. The field lighting design underwent review by the School District and the final lighting design was analyzed in the IS/MND. The Norwalk-La Mirada Unified School District approved the project in June 2020.

PHASE I ESA FOR THE LOS ALAMITOS HS STEM MULTISTORY BUILDING PROJECT – HAZARDOUS MATERIALS

Client: Los Alamitos Unified School District

UltraSystems Environmental Incorporated (UltraSystems) along with The Phase One Group conducted a Phase I Environmental Site Assessment (ESA), on behalf of the Los Alamitos Unified School District (District), for the 1.51- acre project that includes demolition and redevelopment of a new Student Services/Science, Technology, Engineering & Math (STEM) Classroom Building in conformance with American Society of Testing Materials (ASTM) Designation E1527-13; California Education Code (CEC) § 17210, 17210.1 and 17213.1; Title 22 California Code of Regulations (CCR) Chapter 51.5 § 69100 et seq., and Department of Toxic Substances Control (DTSC) guidance.

This Phase I ESA included the following scope of work: 1) researched and reviewed available information regarding past owners and occupants of the Subject Property to assess the potential for contamination resulting from prior activities, 2) researched available information regarding nearby



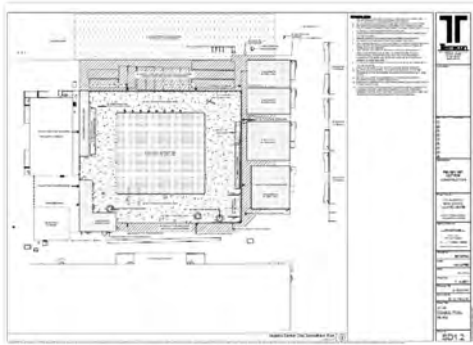
and adjacent properties for evidence of environmental conditions that could adversely impact the Subject Property, 3) contacted available persons familiar with current and former activities at the Subject Property for relevant information regarding potential areas of environmental concern, 4) reviewed federal and state regulatory agency database information for the Subject Property and nearby properties to identify potential concerns that could adversely affect the environmental condition of the Subject Property, and 5) performed a visit of the Subject Property to identify areas of environmental concern.

This assessment has revealed same evidence of recognized environmental conditions (RECs), historical recognized environmental conditions (HRECs) or controlled recognized environmental conditions (CRECs) in connection with the subject property and provided recommendations to mitigate the possible contamination.

LOS ALAMITOS USD WEAP TRAINING PROJECT – CULTURAL RESOURCES

Client: Los Alamitos Unified School District

The Los Alamitos Unified School District (District) proposed the improvement and modernization of existing pool facilities located at the Los Alamitos High School in the City of Los Alamitos, Orange County, California. UltraSystems provided Worker Environmental Awareness Program (WEAP) training for District staff and construction firm supervisors.



The District implemented improvements to the aquatic facilities at the school which resulted in large amounts of subsurface soil disturbance. This construction work included grading, trenching and boring to depths of several feet below previously disturbed soils into native soil. In particular, the construction of the new event-size swimming pool resulted in the excavation of large amounts of soil. There was the potential for this subsurface disturbance to result in unanticipated discoveries of cultural resources. The Phase I Cultural Resources Survey study prepared by UltraSystems in support of this project noted that while there was no record of the presence of prehistoric cultural resources in the area, there remained the potential for unexpected subsurface discoveries. Because of the potential for unanticipated cultural resources to be discovered during the ground disturbing construction activities, the Initial Study/Mitigated Negative Declaration for the project contained a mitigation measure (MM CUL-3) stipulating that Worker Environmental Awareness Program (WEAP) training be prepared and provided to construction supervisors and District staff. This training would allow supervisory staff to give this training to the construction crew members who would conduct the grading, trenching and boring so that they can recognize cultural resources and implement the protective protocols.

A PowerPoint presentation of the WEAP was prepared that described the types of local Native American resources that are commonly found subsurface in coastal Southern California, with examples from the Orange County region. A brief description of the local tribe, the Tongva/Gabrielino, was given including information from local tribal groups on their concerns for discoveries. Related local, state and federal regulations and laws were noted, as well as procedures to follow if cultural resources are uncovered. The training was presented April 2019 at the District headquarters.

LOS ALAMITOS HIGH SCHOOL STEM BUILDING – IS/MND

Client: Los Alamitos Unified School District



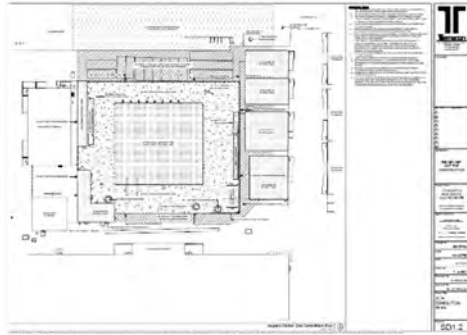
The Los Alamitos Unified School District proposes the construction of a new three-story, approximately 86,528- square-foot STEM classroom building at Los Alamitos High School in the City of Los Alamitos, California. The proposed project would provide new classroom facilities, while removing some of the existing portable classrooms, to provide an enhanced learning experience for students.

The proposed project would demolish the existing Administration and Media Center building and associated infrastructure, landscaping, and utilities. It would be replaced with the proposed new Student Services/Science, Technology, Engineering & Math (STEM) Classroom Building. The new three-story 86,528-square-foot building would be a fully-sprinklered building that would replace some of the existing portable classrooms on campus with permanent facilities. The building would be located at the front of the campus to enhance school safety while presenting a new civic face to the community. The ground floor would house new student services including: Administration, Health Services, Counseling Services, Campus Discipline & Safety, Campus Information Technology

(I.T.) support, Media Center, and Career Center. The two upper floors of the new building would house 13 general classrooms, 14 science classrooms and associated student and staff support spaces. Los Alamitos Unified School District approved the project in October 2019.

LOS ALAMITOS HIGH SCHOOL AQUATICS IMPROVEMENTS – IS/MND

Client: Los Alamitos Unified School District



The Los Alamitos Unified School District (District) proposes the improvement and modernization of the existing pool and softball facilities located at the Los Alamitos High School in the City of Los Alamitos, California. The proposed project would facilitate and enhance the functionality of the pool and softball facilities located on the school campus.

The proposed project would demolish the existing 25-meter pool and associated infrastructure and utilities. This phase of the project includes: demolition of the existing pool shell, equipment, decking, lighting features, scoreboard, three (3) pool serving buildings, four (4) temporary classroom buildings, and a portion of the existing asphalt and grass areas. Existing storage containers located on the northern portion of the pool site would also be relocated. The District proposes to replace an existing 25-meter pool facility with a 50-meter pool. The project would construct 50-meter athletic pool, bleachers with a shade structure, a 1,440-square foot pool equipment room, and five (5) outdoor showers. The Los Alamitos Unified School District approved the project in January 2019.

MAYFAIR HS AB 52 OUTREACH AND CULTURAL MONITORING

Client: Bellflower Unified School District

The Bellflower Unified School District (District) initiated an Athletic Field and Lighting Project at the Mayfair Middle/High School. Mayfair School is located at 15301 McNab Avenue in Lakewood, California. The proposed Project consists of improvements to replace the existing softball field, baseball field, and track and field with artificial turf, sports lighting additions at four pole locations and a pole-mounted sound system, replacement of existing visitor bleachers along with associated restrooms/concessions, two ticket booths and a parking lot. There will be improved site drainage west of the baseball field to retain and treat runoff prior to discharge off-site.

Preparation of the Project's IS/MND Section 4.17, Tribal Cultural Resources, is based upon the results of AB 52 consultation by the District with local Native American tribes. UltraSystems was contracted to assist the District with the consultation process by drafting and sending letters, follow-up contact with tribes, and other services related to the consultation process as requested. A list of responding



tribes was provided by the District. UltraSystems drafted the letters which were sent to the tribes using District letterhead and staff signatures. The responding tribes were then consulted with by the District. This process was completed January 2018.

The second task of the contract relates to the requirement of the Project's Cultural Resources Survey report's recommendation, and anticipated in the pending Initial Study and Mitigated Negative Declaration's (IS/MND) Mitigation Measure Cultural-1, is the condition that a Secretary of Interior (SOI) qualified archeologist will be present during trenching/ground disturbing activity during construction for the Project. Currently the construction phase of the project is on hold. Archaeological monitoring will be conducted for the District

when work is resumed.

LA MIRADA HIGH SCHOOL BASEBALL, SOFTBALL, AND PRACTICE FIELDS PROJECT – IS/MND

Client: Norwalk-La Mirada Unified School District



The project proposes to remove existing athletic facilities at the La Mirada High School. The project would construct a new baseball field, new baseball second infield, new football/soccer field, two new softball fields, new blacktop for basketball and volley ball courts, and new tennis courts at La Mirada High School. UltraSystems prepared the IS/MND for the proposed project.

POLYTECHNIC HIGH SCHOOL ATHLETIC FIELD IMPROVEMENTS - IS/MND*Client: Long Beach Unified School District*

The Long Beach Unified School District (District) proposes the improvement and modernization of the existing athletic field facilities located at the Polytechnic High School site in the City of Long Beach, California. The proposed project would facilitate and enhance the functionality of the football, soccer, track, tennis, and softball facilities located on the school campus. The project would be completed in two phases: immediate improvements and future improvements, as follows:

Immediate Scope: Phase I

- Replacement of existing track and field with a new synthetic track and field used for football, soccer and athletics.
- Replacement of the existing scoreboard with a new scoreboard.
- Provision of new exterior sports field lighting for potential

evening use of the track and field facility. The new sports lighting would include installation of four new 80-90 feet high light poles on the eastern and western sides of the track.

Future Scope: Phase 2

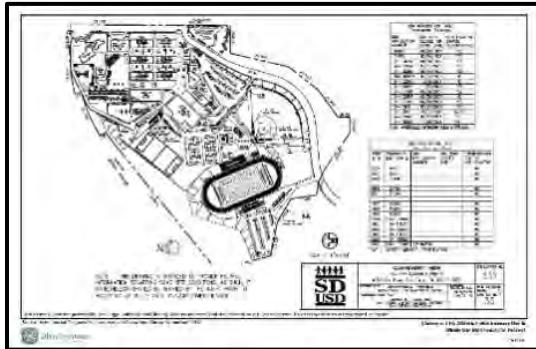
- Relocation of existing relocatable (portable) structures located to the north of the existing track to an area along the eastern boundary of the campus.
- Relocation of existing tennis courts located along the southeastern edge of the campus to an area currently occupied by portable structures, north of the existing track and field.
- Replacement of the existing softball field with a new synthetic softball field.
- Construction of a new 50-meter outdoor athletic pool with security lighting and a public address (PA) system. The new pool would be located in the southeastern corner of the campus in an area currently occupied by tennis courts.

Major Issues: An issue for this project is was the potential to produce noise during construction. During project construction short-term absolute exposures and exposure increases are potentially significant and need to be mitigated. After implementaiton of mitigation for construction noise, the project would have a less than significant impact in this regard.

CLAIREMONT HIGH SCHOOL ATHLETIC FIELDS INCREASED USE AND WHOLE SITE MODERNIZATION – EIR

Client: San Diego Unified School District

The San Diego Unified School District, acting as lead agency, hired UltraSystems to prepare a Draft Environmental Impact Report (EIR) to analyze the Clairemont High School Athletic Facilities Increased Use and Whole Site Modernization (WSM) Project and potential effects that may occur as a result of project implementation. This EIR is intended to provide information to the District's Board of Education, public agencies, stakeholders and organizations, and the general public, regarding the potential environmental impacts, mitigation measures, and alternatives to the project.



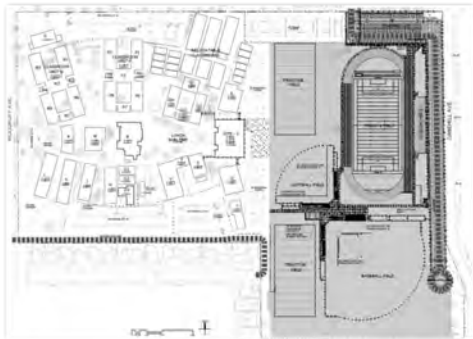
The project is located within the Clairemont High School campus in the city of San Diego. Clairemont High School is located at 4150 Ute Drive. The Clairemont High School campus is approximately 36.3 acres and is currently occupied by buildings serving an active high school; surface parking lots; and athletic facilities, including a football and field/track stadium; baseball and softball fields, a soccer field and tennis courts.

This Draft EIR prepared by UltraSystems analyzes the environmental impacts associated with an increase in the frequency of use of the existing upgraded athletic facilities (any day of the week, 365 days per year) with attendance of up to 2,300 persons (maximum seating capacity of the football stadium), as well as the construction and operation of the proposed Whole Site Modernization improvements.

MAYFAIR HIGH SCHOOL ATHLETIC FIELD IMPROVEMENTS - IS/MND

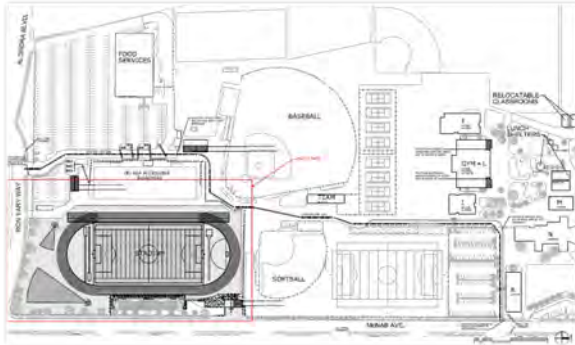
Client: Bellflower Unified School District

UltraSystems prepared and processed an Initial Study (IS) pursuant to the requirements of CEQA § 21080 and §§ 15060 through 15065 of the CEQA Guidelines. UltraSystems staff conducted a field reconnaissance and photographic inventory illustrating the type and nature of on-site and surrounding land uses, conduct ambient noise monitoring, and perform a general biological evaluation of vacant lands that was incorporated into the environmental setting section of the IS. Other readily available literature was also reviewed to characterize baseline conditions.



BELLFLOWER HIGH SCHOOL ATHLETIC FIELD IMPROVEMENTS - IS/MND

Client: Bellflower Unified School District



UltraSystems prepared and processed an Initial Study (IS) pursuant to the requirements of CEQA § 21080 and §§ 15060 through 15065 of the CEQA Guidelines. UltraSystems staff conducted a field reconnaissance and photographic inventory illustrating the type and nature of on-site and surrounding land uses, conduct ambient noise monitoring, and perform a general biological evaluation of vacant lands that was incorporated into the environmental setting section of the IS. Other readily available literature was also reviewed

to characterize baseline conditions.

VENICE HIGH SCHOOL COMPREHENSIVE MODERNIZATION – TECHNICAL STUDIES AND IS/ND

Client: Los Angeles Unified School District



As part of its School Upgrade Program, Los Angeles Unified School District (LAUSD) planned to implement a comprehensive modernization project at Venice High School in Los Angeles, California. A campus-wide survey of the Venice High School campus (a 28.8-acre site) found the existing structures, mechanical systems, and athletic facilities to be outdated, requiring rehabilitation or modernization to meet current needs. The project was designed to address the deficiencies identified in the campus-wide survey through demolition of structures and

systems that are beyond repair; construction of new buildings; improvements to the existing campus facilities; upgrades to infrastructure and utilities; and various site-wide upgrades per the Americans with Disabilities Act. The project included demolition of approximately 122,600 square feet of building space (including two gymnasium buildings, three classroom buildings and 14 portable structures) and construction of approximately 101,882 square feet of new building space (including 30 classrooms, supports spaces and a gymnasium). UltraSystems prepared comprehensive air quality, noise and traffic technical studies, a biological assessment, a Phase I cultural resources inventory report, and an Initial Study and Negative Declaration (IS/ND) on behalf of the District.

The IS tiered from the LAUSD School Upgrade Program Environmental Impact Report (PEIR); incorporating by reference general analysis and Standard Conditions of Approval found in the previously certified PEIR. This allowed the IS to focus on project specific impacts of development at the Venice High School location. The IS/ND was certified by the District as adequate and the project was approved.

Challenges and how we resolved them: This was the first of a group of high school comprehensive modernization projects to have a project-specific tiered review based on the program EIR. Thus, the IS/ND was potentially a template for many other CEQA documents. UltraSystems worked closely with LAUSD OEHS staff to develop a useful model for future work.

ULYSSES S GRANT SENIOR HIGH SCHOOL COMPREHENSIVE MODERNIZATION – TECHNICAL STUDIES AND IS/MND

Client: Los Angeles Unified School District



As part of its School Upgrade Program, Los Angeles Unified School District (LAUSD) planned to implement a comprehensive modernization project at Ulysses S. Grant Senior (Grant) High School in Los Angeles, California. A campus-wide survey of the Grant High School campus (a 32.4-acre site) found the existing structures and mechanical systems to be outdated, requiring rehabilitation or modernization to meet current needs. The project was designed to address the deficiencies identified in the campus-wide survey through demolition of structures and

systems that are beyond repair; construction of new buildings; improvements to the existing campus facilities; upgrades to infrastructure and utilities; and various site-wide upgrades per the Americans with Disabilities Act. The project included demolition of approximately 87,298 square feet of building space (including administration, library, arts and classrooms buildings and 22 relocatable structures) and construction of approximately 88,271 square feet of new building space (including 30 classrooms, support spaces, a library and an operations and maintenance building). UltraSystems prepared comprehensive air quality, noise and traffic technical studies, a biological assessment, a Phase I cultural resources inventory report, and an IS/MND on behalf of the District. The IS tiered from the LAUSD School Upgrade PEIR; incorporating by reference general analysis, Standard Conditions of Approval and Mitigation Measures found in the previously certified PEIR. This allowed the IS to focus on project-specific impacts of development at the Grant High School location.

NORTH HOLLYWOOD HIGH SCHOOL COMPREHENSIVE MODERNIZATION – TECHNICAL STUDIES AND IS/MND

Client: Los Angeles Unified School District



As part of its School Upgrade Program, Los Angeles Unified School District (LAUSD) planned to implement a comprehensive modernization project at North Hollywood High School, located at 5231 Colfax Avenue in the Valley View neighborhood of the City of Los Angeles, California. A campus-wide survey of the North Hollywood High School campus (a 25.10-acre site) found the existing structures, mechanical systems, and athletic facilities to be outdated, requiring rehabilitation or modernization to meet current needs. The project was designed to address the

deficiencies identified in the campus-wide survey through demolition of structures and systems that are beyond repair; construction of new buildings; improvements to the existing campus facilities; upgrades to infrastructure and utilities; and various site-wide upgrades per the Americans with Disabilities Act. The project included demolition of approximately 144,257 square feet of building space (including one gymnasium building, one physical education building, one auditorium building, two classroom buildings, seven storage and shop buildings and 23 classrooms, and utility and storage spaces in relocatable and modular portable buildings) and construction of approximately 233,590 square feet of new building space (including a classroom building providing 53 classrooms,

support spaces, an auditorium and a gymnasium). UltraSystems prepared comprehensive air quality, noise and traffic technical studies, a biological assessment, a cultural resources report, and an IS/MND on behalf of the District. The IS tiered from the LAUSD School Upgrade PEIR; incorporating by reference general analysis and Standard Conditions of Approval found in the previously certified PEIR. This allowed the IS to focus on project-specific impacts of development at the North Hollywood High School location. The IS/MND was certified by the District as adequate and the project was approved.

Major Issues: Two major issues for this project included (1) impacts associated with the demolition of existing historic buildings located on campus, and (2) potential traffic impacts during project construction. The IS included detailed analysis of existing historic resources located on the campus, based on historic resources studies provided by the District. It was concluded that impacts related to demolition of historic buildings were less than significant as the buildings proposed to be demolished were not primary contributors to the historic significance of the high school campus. Mitigation measures for travel management were developed to reduce potential construction related traffic impacts on less than significant levels.

PALM CREST ELEMENTARY SCHOOL MODERNIZATION PROJECT – IS/MND

Client: La Cañada Unified School District



The La Cañada Unified School District proposes to modernize Palm Crest Elementary School. The proposed project involves the construction one new classroom building, which would be comprised of an east and a west wing. The building would be two stories in height and would include approximately 23,184 square feet evenly divided on the first floor and 2nd floor; renovation of 18 existing classrooms; conversion of one classroom building to four specialty classrooms; demolition of the old District office and existing garage; removal of trees for construction of a new upper parking lot; alteration/improvement to the existing drop-off area; alteration/improvement to the existing west parking lot; installation of temporary portable classrooms for use during

project construction; and repairs/improvements to site utilities, landscaping areas, and pedestrian walkways. UltraSystems wrote the Initial Study/Mitigated Negative Declaration (IS/MND) for this project and attended a public meeting with District staff, the project architect, and interested parties regarding the proposed project. In addition, UltraSystems conducted the following technical analysis for this project; arborist assessment, air quality/greenhouse gas assessment, cultural resources assessment, and a noise impact assessment. The La Cañada Unified School District approved the project in September 2020. UltraSystems will be preparing an Addendum to the IS/MND in 2021.

PLANNING AREA 5B ELEMENTARY SCHOOL – IS/MND*Client: Irvine Unified School District*

The Irvine Unified School District (District) proposed the construction of a new elementary school on approximately 10 acres that was centrally located within a master planned community (Planning Area 5B). The project site was owned and managed by the Irvine Company Community Development and the site was to be acquired by the District prior to construction.



The project was designed to accommodate up to 1,000 students at peak enrollment and serve students from transitional kindergarten through sixth grade (TK-6). During peak enrollment, the District anticipated to employ approximately 50 to 75 staff, including teachers, administrators, and custodial staff. The proposed elementary school was scheduled to open for the 2017/2018 school year. During opening year, approximately 211 students from the new residential community in Planning Area 5B were projected to attend the elementary school. This number was expected to

increase as the new housing units in Planning Area 5B were occupied.

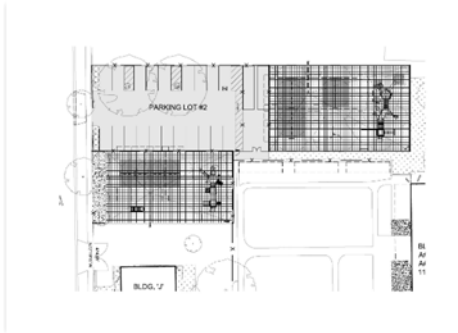
The major project components analyzed in the IS/MND included: (1) approximately 59,000 square feet of permanent building space; (2) 10 portable classrooms and three portable daycare classrooms; (3) outdoor play areas and amenities; (4) two parking lots; and (5) a student drop-off/pick-up zone. Construction for the project is tentatively scheduled to begin February 2016.

The CEQA required documents, included technical studies, assessment of potential impacts, and measures to avoid or mitigate impacts on a less than significant level. Technical Studies for PEA, Geohazards, Noise, and Traffic & Circulation were included as technical appendices. The IS/MND also complied with Standards for School Selection, and included findings regarding hazardous waste disposal, air emissions, hazardous materials handlers, underground pipelines, wetlands, endangered species, noise, traffic, railroads, electric transmission lines, flooding and other standards that must be satisfied for school site selection (5 CCR 14010).

Additionally, UltraSystems prepared: (1) PEA Work Plan for DTSC approval to include SAP, QAPP and methodology for the human health risk screening evaluation for the proposed school site; (2) PEA Report that described the field work completed, sampling results, and human health risk screening evaluation findings. The PEA report included an executive summary, historical research, environmental database report, underground services alert notification, utility location request letter, California oil and gas fields, site photographs, quality assurance project plan, health and safety plan, and UltraSystems' qualifications; and (3) Geohazards Report that assessed potential earthquake and other geologic hazards, and determine if the school was within an Alquist-Priolo special studies zone, or within an area designed a geologically hazardous in the safety element of the local general plan.

ROSSMOOR ELEMENTARY SCHOOL PLAYGROUND – CATEGORICAL EXEMPTION

Client: Los Alamitos Unified School District



The playground modernization is proposed for a playground at the Rossmoor Elementary school site and the Los Alamitos Elementary school site. The Los Alamitos Unified School District proposes the installation of a preschool playground at Rossmoor Elementary School.

CENTRAL ELEMENTARY SCHOOL #21 – EIR

Client: Los Angeles Unified School District



UltraSystems prepared an EIR for the new Central Elementary School No. 21, which will be located in the South-Central area of the City of Los Angeles. This new 650-seat, K-5 elementary school will be constructed on a site that currently contains a number of single-family homes, a large apartment building, a recycling center, a City of Los Angeles pocket park and a neighborhood grocery store. Major issues addressed in the project EIR included air quality, cultural resources, noise, recreation, transportation and traffic, and pedestrian safety.

RECONSTRUCTION OF CENTURY HIGH SCHOOL AND RELOCATION OF THE DISTRICT'S BUS STORAGE AND MAINTENANCE FACILITY – IS/MND

Client: Alhambra Unified School District



UltraSystems prepared a Mitigated Negative Declaration (MND) for the reconstruction of Century High School, and the relocation of the Alhambra Unified School District (District) bus storage and maintenance facility. The reconstructed Century High School would provide for 230 students at this school. The District's bus storage facility was relocated to the existing bus storage facility at San Gabriel High School, that is owned and operated by the District. Bus maintenance facilities were to be provided at the District's Central Headquarters facility, which is also located in Alhambra. The existing bus storage and

maintenance facility contained two leaking underground storage tanks that required negotiation with the Department of Toxic Substances Control and a permit to remove and remediate these underground storage tanks. The project's MND addressed all of the environmental issues in the CEQA

Environmental Checklist form. Environmental issues requiring mitigation included air quality, hazards and hazardous materials, hydrology/water quality, noise, and transportation and traffic.

BUS ROUTE REDUCTION PLAN – TRAFFIC STUDY AND IS/MND

Client: Capistrano Unified School District



UltraSystems prepared a Traffic Study and MND, on behalf of the Capistrano Unified School District, to support a plan for reducing the District's elementary, middle school and high school bus routes from over 60 bus routes to 18 bus routes. The project's MND addressed all of the environmental issues in the CEQA Environmental Checklist form. Issues of particular concern were the reduction in bus routes and corresponding increases in the

numbers of parents driving their children to/from school, affecting local air quality and noise, and causing traffic congestion on the streets leading to the District schools. Measures were included in the MND to facilitate the student drop-off and pick-up process, and to phase school opening times to help reduce school bus impacts on three intersections used by these buses.

CENTRAL REGION MACARTHUR PARK ELEMENTARY SCHOOL ADDITION – HEALTH RISK ASSESSMENT

Client: Los Angeles Unified School District



The Los Angeles Unified School District (LAUSD) is proposing to locate a new school facility near MacArthur Park, within the City of Los Angeles, California. The project includes the development of a new elementary school addition to the existing MacArthur Park Primary Center School campus located at 2300 West 7th Street, Los Angeles.

UltraSystems searched South Coast Air Quality Management District's online facility information database to identify facilities within 0.5 mile of the proposed school site that were potential sources of toxic air contaminant (TAC) emissions. In addition, UltraSystems conducted a street-by-street ground survey to identify and characterize additional TAC emission sources within 0.25 mile of the site.

Information from the permits and the field survey was used to calculate TAC emissions. UltraSystems used the U.S. Environmental Protection Agency's Industrial Source Complex-Short Term (ISCST3) dispersion model to estimate the maximum ground-level concentrations of pollutants from each emission source. Following LAUSD and Office of Environmental Health Hazard Assessment (OEHHA) guidelines, UltraSystems then estimated the cancer and chronic non-cancer risk to students and employees at the proposed school.

SAN FERNANDO HIGH SCHOOL TEEN CENTER – IS/MND

Client: Los Angeles Unified School District



proposed facility to Chamberlain Road.

The San Fernando High School Teen Center project is located at 11051 North O'Melveny Avenue, San Fernando, California, and is located on the site of San Fernando Valley High School, owned by the Los Angeles Unified School District. As proposed, the project comprises an approximately 5000-square-foot single-story facility with four medical and two dental examination rooms, four counseling offices, business offices, a sterilization room, dispensary, laboratory, a nurse's station and a conference room. It also includes a surface parking lot with 11 public parking stalls and an internal access road connecting the

Under contract to **Los Angeles County Department of Public Works**, UltraSystems prepared an Initial Study Checklist and the air quality and noise technical studies that supported the CEQA analysis. The CEQA analysis concluded that although the project could have a significant effect on the environment, the adverse impact can be reduced to a less than significant level because revisions have been made or agreed to by the project proponents that will avoid or mitigate the effects to a point where no significant effects would occur.

Prior to beginning construction activity, soils onsite must be remediated to address elevated levels of lead, arsenic and 4,4-DDT. The method selected for site remediation involves removing top soil for disposal at an approved facility. Based on the known horizontal and lateral extent of contamination, approximately 74 cubic yards of earth requires excavation and removal for site disposal resulting in approximately 9 heavy truck trips. The site would be backfilled in preparation for grading activities with an equivalent volume of clean soil for a total of 18 heavy truck trips needed to complete soil remediation.

NEW HIGH SCHOOL #2 AND NEW CONTINUATION HIGH SCHOOL #1 – EIR

Client: Los Angeles Unified School District



LAUSD proposes to construct and operate a new high school and continuation high school in the central area of the City of Los Angeles west of the downtown civic center area. UltraSystems prepared an EIR to examine and assess the potential significant environmental impacts associated with the development and operation of the proposed high school and continuation high school. The project would require the demolition of approximately 410,000 square feet of existing buildings consisting of residential and commercial properties on 22 parcels (totaling approximately 14.6 acres); the excavation of 33,000 cubic yards of soil (to be balanced onsite); and the subsequent construction of two new public high schools (grades 9-12). Central Los Angeles New High School #2 is proposed as a traditional full program high school and would operate under the Concept 6 calendar, which is the calendar for the three-track program. Central Los Angeles New High School #2 would provide 2,142 two-semester seats, which would accommodate a total enrollment of 2,998 students. A full-time staff of 135 teachers, and support and security staff would be required. The proposed site is located at the intersection of Washington Boulevard and Vermont Avenue, in Los Angeles, California. The Central Los Angeles Area New High School #2 and Los Angeles Area New Continuation High School #1

proposed by LAUSD are intended to relieve overcrowding at existing Los Angeles High School and Manual Arts High School, which are located in the general vicinity of the project.

PLAYGROUND EXTENSIONS AT VARIOUS LAUSD SCHOOL SITES: (1) DAYTON HEIGHTS ELEMENTARY; (2) HOOVER ELEMENTARY; (3) PICO ELEMENTARY; (4) CARRILLO ELEMENTARY; (5) WOODLAWN ELEMENTARY; AND (6) STATE ELEMENTARY

Client: Los Angeles Unified School District



The Los Angeles Unified School District received funding to expand and modernize playgrounds at various existing school sites located throughout the District. UltraSystems was retained by the District to provide Mitigated Negative Declarations for the proposed expansion of these playgrounds. The projects involved the acquisition of parcels adjacent to the existing District facilities. UltraSystems performed onsite technical studies, which involved air quality and noise impact assessments, traffic studies, socioeconomic studies, visual/aesthetic analyses, biological resources, land use planning studies, and other

pertinent technical areas of focus. All technical studies and related environmental documentation (MND) were subject to review by a broad range of regulatory agencies, including the following:

- California Department of Education – School Facilities Planning Division (CDE);
- California Department of Parks and Recreation;
- California Department of Transportation (Caltrans, District 7);
- California Division of State Architect (DSA);
- California Environmental Protection Agency – DTSC;
- California Office of Public School Construction (OPSC);
- California Regional Water Quality Control Board – Los Angeles Region;
- City of Los Angeles Department of Transportation (LADOT);
- City of Los Angeles Bureau of Engineering;
- City of Los Angeles Bureau of Sanitation;
- City of Los Angeles Fire Department;
- City of Los Angeles Police Department;
- City of Los Angeles Department of Environmental Affairs;
- City of Los Angeles Department of Water and Power;
- Local Municipal Ordinances;
- National Pollutant Discharge Elimination Permit for General Construction Activity; and
- South Coast Air Quality Management District.

The majority of school sites targeted for the playground expansion did not require extensive mitigation, and the MNDs were prepared and subsequently approved. A few sites required minimal mitigation measures, which were developed and implemented by UltraSystems. All the projects were completed.

NEW ELEMENTARY SCHOOLS, IRVINE UNIFIED SCHOOL DISTRICT – IS/MNDs

Client: Irvine Unified School District



School #1: UltraSystems prepared an MND in compliance with CEQA for the proposed site acquisition and construction of the Portola Springs Elementary School (Planning Area 6A) on behalf of the Irvine Unified School District. Based on UltraSystems' participation on similar school projects and our experience with the local jurisdictions, our firm was selected to assist the District in assessing the potential environmental impacts associated with the pending project. The Irvine Unified School District intends to acquire an 11-acre site, located between Portola Parkway, N Street and Irvine Boulevard to

construct the new elementary school. The project site is located in the Northern Sphere of the City of Irvine. The proposed school would provide the community with an education site for Kindergarten through 8th grade students.

UltraSystems developed a comprehensive work program carefully tailored to meet the needs of the Irvine Unified School District, based on the following:

- Field survey of the project site and surrounding vicinity.
- UltraSystems' extensive experience in preparing legally-defensible environmental documentation for school-related projects throughout Southern California.
- Extensive knowledge and understanding of the State of California Department of Education code requirements for school districts, including current assembly bills related to school site acquisition, CEQA and DTSC review, and the state school building program.
- Extensive knowledge and understanding of the regional and local issues facing school districts in California.

Most importantly, UltraSystems recognizes that the environmental consultant needs to demonstrate full compliance with CEQA requirements, including the need to prepare an environmental record which ultimately produces a technically sufficient and legally-defensible document.



School #2: The Irvine Unified School District is proposing the construction of a new elementary school (kindergarten through fifth grade) on approximately 10 acres and construction of a new middle school (sixth through eighth grade) on approximately 20 acres within Planning Area 9 of the Northern Sphere Area of Irvine, California. The project would accommodate the projected student population from the new surrounding development within the Woodbury Community. Since

the project would operate as a neighborhood school, the majority of the students would either be dropped off at designated loading/unloading areas along the school frontage, or would walk or bicycle to school.

Pursuant to § 21065(a)(b) of the California Public Resources Code (PRC), the construction and operation of an elementary school on approximately 10 acres and a middle school on approximately

20 acres in the City of Irvine constitutes a project, and so requires compliance with the provisions of CEQA.

An IS/MND was required to be prepared in accordance with the requirements of CEQA and the *Guidelines for Implementation of the California Environmental Quality Act*, codified in the California Code of Regulations (CCR), Title 14, Chapter 3, § 15000 *et seq.* (*State CEQA Guidelines*), to analyze the direct, indirect and cumulative environmental effects of the project.



The *State CEQA Guidelines*, Section 15063(a) requires that the Lead Agency prepare an IS to determine whether the project would have a significant adverse effect on the environment. The Irvine Unified School District, acting in its capacity as Lead Agency, was required to prepare this IS to determine whether the proposed action would have a significant environmental impact. If, as a result of the IS, the Lead Agency finds that there is evidence that any aspect of the project, either individually or cumulatively, might cause a significant adverse environmental effect, the Lead Agency shall further find that an EIR is warranted to analyze

environmental impacts. However, if on the basis of the IS, the Lead Agency finds that there is no evidence that the project, either as proposed or as modified to include mitigation measures identified in the IS, could cause a significant adverse effect on the environment, the Lead Agency would find that the proposed action would not have a significant adverse effect on the environment and would prepare a Negative Declaration (ND) or an MND for that pending action.

The Initial Study prepared for this project concluded, based on the results of a Preliminary Endangerment Assessment (PEA), that there were no potentially significant hazards to public health or the environment through the historical transport, use and disposal of hazardous materials on the project site and its vicinity. Potentially significant impacts from traffic, air quality and water quality during construction will be reduced to less than significant levels through the incorporation of the mitigation measures provided in the IS/MND. Thus, an EIR was not warranted for this project.

For the two above-described projects, UltraSystems completed all technical studies and analyses utilizing in-house scientific professionals. All mitigation measures were developed and incorporated into the Final MND for each project, after response to comments. The two projects will commence in the near future.

BEVERLY HILLS HIGH SCHOOL – PHASE II ESA

Client: Los Angeles Unified School District



UltraSystems, under contract to the LAUSD, performed a comprehensive Phase II ESA in the vicinity of a proposed 18,000-square-foot Science and Technology Center.

The project encompassed the construction of this new center on the existing campus of Beverly Hills High School. Previous investigations had indicated the presence of volatile organic compounds, polycyclic aromatic hydrocarbons, semi-volatile hydrocarbons, selected

metals (including arsenic) and oilfield gases (methane and hydrogen sulfide).

The professional staff of UltraSystems designed and supervised a soils analysis and soil vapor sampling and analysis program at the site. A human health risk assessment, following California DTSC guidance was then used to determine if concentrations of chemicals of potential concern in the soil matrix and/or in the soil vapor samples would result in adverse health effects to construction workers, students or staff.

VENICE SKILLS CENTER – IS/MND



UltraSystems prepared an MND for the Venice Skills Center. The project was developed in two phases: the first phase consisted of demolishing auto shops and the replacement of two 2-story buildings consisting of 16 classrooms; and the second phase included the demolition and relocation of the bungalows remaining on the site. Two of the four remaining bungalows were relocated to another site, and two were relocated to the childcare facility at the corner of Vernon and Fifth Avenues.

A new 2-story building will be developed on the site to provide for 8 classrooms and administrative office space. A total of 71 regular parking and 3 handicap spaces will be provided onsite. School hours will be from 8am to 4:45pm daily, and an onsite childcare facility will accommodate approximately 24 children.

OHR ELIYAHU ACADEMY – PHASE I ESA



UltraSystems conducted a Phase I Environmental Site Assessment (ESA) on behalf of the Resource Opportunity Group, LLC for the 5.05-acre Ohr Eliyahu Academy site at 5950 Stoneview Drive, Culver City, California in conformance with industry-accepted practices, American Society of Testing Materials (ASTM) Designation E1527-05, and the EPA All Appropriate Inquiry (AAI) Rule (40 CFR 312) to identify recognized

environmental conditions (REC) for the subject property. This Phase I ESA included researching available information to assess the potential for contamination resulting from prior on-property or adjacent property activities, reviewing federal and state regulatory agency database information, and performing a property visit to identify areas of environmental concern. The following RECs associated with the subject property included potential soil contamination due to nearby oil fields, asbestos containing buildings, lead-based paint containing buildings and an underground High-Pressure Gas pipeline that transverses the property.

ALHAMBRA UNIFIED SCHOOL DISTRICT – PRELIMINARY ENDANGERMENT ASSESSMENT

Client: Alhambra Unified School District



UltraSystems prepared a Preliminary Endangerment Assessment (PEA) concerning the removal of two leaking underground fuel tanks located on a site for the construction of a replacement high school, the new Century Continuation High School. The PEA was conducted according to guidelines of the California DTSC. The PEA's purpose was to establish the presence or potential presence of hazardous substances, to evaluate the potential risk, if any, to human health, and the environment at the proposed high school site. Based on the results, the Chemicals of Potential Concern

(COPC) included total petroleum hydrocarbons (TPH), volatile organic compounds (VOC), polynuclear aromatic hydrocarbons (PAH), Title 22 Metals, organo-chlorine pesticides (OCP) and lead.

Based on the results of sampling on the project site, the proposed new Continuation High School site was divided into Area A (location of most of the proposed new high school site, with no significant subsurface impacts observed) and Area B (location of the two leaking underground fuel tanks).

UltraSystems presented the PEA findings to the DTSC staff, prepared all required plans to remove these tanks, and remove contaminated soils under and adjacent to the tanks. The tanks were removed and the tank site was reconstructed with clean fill soil, allowing the start of construction.

REID HIGH SCHOOL – ARCHEOLOGICAL/ PALEONTOLOGICAL MONITORING

Client: Long Beach Unified School District

Under contract to the Long Beach Unified School District, UltraSystems provided archeological and paleontological monitoring during three phases of demolition and construction at Reid High School. UltraSystems monitored all demolition, grading, utility relocation and excavation using qualified archaeological staff stationed on locations stipulated by the District. UltraSystems' supervising archaeologist made spot checks in the field to ensure that appropriate artifacts were being recovered, and reviewed collected items regularly to assess their value. UltraSystems' monitors took detailed field notes, mapped structures and features, and recorded the location of materials collected.

ADDITIONAL REPRESENTATIVE PROJECT EXPERIENCE

SAFE ROUTES TO SCHOOL PEDESTRIAN IMPROVEMENTS, CITY OF FONTANA- RAMONA, ALDER, AND LOCUST AVENUES

Client: City of Fontana

UltraSystems provided historical services for the City of Fontana's Safe Routes to School Pedestrian Improvements Project. This transportation Project was partially funded by the State of California under the Active Transportation Program Augmentation Program (Federal Highway Authority) for the Safe Routes to Schools which entails coordination with Caltrans District 8 for National Environmental Policy Act compliance and Section 106 of the National Historic Preservation Act of 1966.



The Project consisted of installing 1.25 miles of bicycle and pedestrian infrastructure including sidewalks, curbs and gutters, minor street widening for Class II bicycle lanes, 18 ADA compliant curb ramps, and signage and pavement restriping along Ramona Avenue, Alder Avenue, and Locust Avenue in north Fontana, San Bernardino County. The Project routes include 1,300 linear feet along Ramona Avenue, 800 linear feet along Alder Avenue, and 5,300 linear feet along Locust Avenue. The Project created separate pathways for pedestrians, provided sidewalks where there are none, and closed existing sidewalk gaps to

improve connectivity for school children and residents. The improvements will benefit over 5,000 school children attending eight schools in the area and over 25,000 residents in the vicinity of the Project.

The City of Fontana's Preliminary Environmental Study required preparation of a Historical Properties Survey Report (HPSR). UltraSystems prepared the Area of Potential Effect (APE) maps as well as the Archaeological Survey Report (ASR) attachments to the HPSR. The APE comprised a total of 20 acres subject to ground disturbance as well as 14 residential properties included due to potential effects and right-of-acquisition. The ASR included a site pedestrian survey of the grounds, a records and reports search at the South Central Coastal Information Center branch of the California Historic Information System, a Native American Heritage Commission search of their Sacred Lands File, and outreach with local Native American tribes in conjunction with the City's Planning Department and Caltrans. Findings of the HPSR necessitated preparation of an Historical Resources Evaluation Report (HRER). The HPSR was approved by the City, Caltrans District 8's District Local Assistance Engineer and Senior Environmental Planner, and the California Office of Historic Preservation.

SAFE ROUTES TO SCHOOL, CITY OF FONTANA- ARROW BLVD. AND FONTANA AVE.

Client: City of Fontana



The project, known as the City of Fontana Safe Routes to School Project, consists of installing 2.2 miles of sidewalk and bicycle infrastructure including sidewalks, bicycle lanes, curb and gutter, ADA compliant driveways, ramps, signage and pavement restriping on Arrow Boulevard and Fontana Avenue. The project route on Arrow Boulevard extends approximately 4,000 feet from Alder Avenue to Maple Avenue, and the project route on Fontana Avenue extends approximately 1,900 feet from Poplar Avenue to Catawba Avenue/Randall Avenue. The City of Fontana prepared a Preliminary Environmental Study (PES), which

was reviewed by Caltrans. UltraSystems prepared the Area of Potential Effect (APE) Maps that were subsequently approved by Caltrans District 8 District Local Assistance Engineer (DLAE) and Senior Environmental Planner (SEP) prior to commencing the cultural studies. An ASR (Archaeological Survey Report) was prepared included a site pedestrian survey of the grounds, a records and reports search at the South Central Coast Information Center branch of the California Historic Information System, a Native American Heritage Commission search of their Sacred Lands File, and outreach with

local Native American tribes. Information from this report was used to prepare the Historical Properties Survey Report (HPSR) that was approved by Caltrans District 8 DLAE and SEP.

COMPREHENSIVE LIST OF SCHOOL (K-12 AND COLLEGE) PROJECT EXPERIENCE

OWNER	VALUE OF SERVICES	PROJECT NAME	PROJECT TYPE
Anaheim USD	\$44,656	Proposed Elementary School Project in the Platinum Triangle	IS/MND
Alhambra USD	\$191,932	Century High School	IS/MND, including PEA
Alhambra USD/DTSC	\$115,942	Transportation Facility, 24 South Marengo Ave	Site Assessment Work Plan and Remediation
Alhambra USD	\$37,776	Century High School – new parcels	Community Outreach
Alhambra USD	\$5,950	514-1516 Orange & 1513-1515 Chestnut St.	Phase I ESAs
Alhambra USD	\$13,960	Design and File permit for Clarifier mark Keppel High School	Permitting
Alhambra USD	\$24,729	New Maintenance Yard	Clarifier Permit & Design
Bellflower USD	\$22,432	Bellflower Middle/High School Athletic Field Improvement Project	IS/MND
Bellflower USD	\$9,850	Bellflower HS Athletic Field Project, Cultural Monitoring of Ground-Disturbing Activities	IS/MND
Bellflower USD	\$12,846	Mayfair High School Athletic Field Improvement Project	IS/MND
Bellflower USD	\$550	Mayfair HS AB 52 Outreach & Cultural Monitoring	Cultural Resources
Beverly Hills USD/JMC	\$2,000	Beverly Hills, Science Center	Phase I ESA and Phase II
Beverly Hills USD/JMC	\$5,820	Beverly Vista Elementary School	Phase I ESA
Capistrano USD	\$10,280	I-5 and Ortega Hwy. Interchange, Caltrans	Peer Review
Capistrano USD	\$1,550	Upper Chiquita Reservoir	Peer Review
Capistrano USD	\$3,142	Discontinuation of Bussing in the District - Route Planning	IS/MND
Capistrano USD	\$9,615	Portable Classrooms at Ladera Ranch and Las Palmas Elementary Schools	CEs
Capistrano USD	\$1,550	Oso Grande Elementary School Interim Housing	CE
Capistrano USD	\$215,666	Newhart Middle School	CE
Corona-Norco USD	\$64,340	Centennial High School Aquatic Center	IS/MND
Downey USD	\$21,419	Downey High School Athletic Field Lighting	IS/MND
Downey USD	\$23,5900	Warren High School Athletic Field Lighting	IS/MND
Irvine USD	\$9,181	Woodbury Elementary School and Middle School	IS/MND
Irvine USD	\$48,060	Portola Elementary	IS/MND
Irvine USD	\$28,000	Portola Springs Elementary	IS/MND
Irvine USD	\$9,900	Elementary School in Planning Area 5B	IS/MND
La Canada Flintridge USD	\$186,189	Palm Crest Elementary School Modernization	IS/MND & Addendum
La Canada Flintridge USD	\$10,610	Paradise Canyon Elementary School - Tree Survey	Biological Resources
La Canada Flintridge USD	\$2,880	La Canada High School – Arborist Report	Biological Resources
Laguna Beach USD	\$79,740	Laguna Beach High School Pool Modernization	IS/MND

OWNER	VALUE OF SERVICES	PROJECT NAME	PROJECT TYPE
Los Angeles USD	\$4,100	Site 33 - South Region Span K-8 #1	Health Risk Assessment
Los Angeles USD	\$64,352	Site 32 - South Region Span K-8 #1	Health Risk Assessment
Los Angeles USD	\$4,945	Site 34 - South Region Span K-8 #1	Health Risk Assessment
Los Angeles USD	\$39,484	Site 35 - South Region Span K-8 #1	Health Risk Assessment
Los Angeles USD	\$39,484	Site 37 - South Region Span K-8 #1	Health Risk Assessment
Los Angeles USD	\$2,500	Central Region Elementary School No. 21	EIR and technical studies
Los Angeles USD	\$9,603	Central Region MacArthur ES Addition	Health Risk Assessment
Los Angeles USD	\$344,764	East Valley Middle School #1	Safety Risk Assessment Compliance With Education Code 17251
Los Angeles USD	\$107,462	Grant High School Comprehensive Modernization	IS/ND
Los Angeles USD	\$126,537	North Hollywood Comprehensive Modernization	EIR and technical studies
Los Angeles USD	\$39,070	South Region Span K-8 #1 - Site 15	Health Risk Assessment
Los Angeles USD	\$4,451	South Region Span K-8 #1 - Site 30	Health Risk Assessment
Los Angeles USD	\$3,060	Southeast Area Learning Complex	Rail Risk Studies
Los Angeles USD	\$146,680	Occupational Center	Rail Risk Studies
Los Angeles USD	\$6,160	Valley Region Early Childhood Education Center site #1 at Chase Elementary School	IS/MND
Los Angeles USD	\$7,220	Valley Region Monroe Span K-8 Reconfiguration	Health Risk Assessment
Los Angeles USD	\$42,986	South Region High School Site #14	Traffic Study
Los Angeles USD	\$16,296	Valley Region Monlux Elementary School Addition Site C-56.40042	IS/MND
Los Angeles USD	\$30,001	Valley Region John R. Wooden Continuation High School Site C-56.40043	IS/MND
Los Angeles USD	\$39,070	South Region High School (SRHS) #15	Cultural Resources
Los Angeles USD	\$6,160	Valley Region Elementary School #6 Project	IS/MND
Los Angeles USD	\$106,829	Venice High School Comprehensive Modernization	IS/ND
Los Alamitos USD	\$1,400	Assembly Bill 52 Tribal Outreach for Los Alamitos High School	Cultural Resources & CEQA
Los Alamitos USD	\$1,919	CEQA Consulting Services for the Career Technical Education Classroom	CE & IS/MND
Los Alamitos USD	\$2,270	CEQA Consulting Services for Two Playgrounds	CE
Los Alamitos USD	\$7,360	Los Alamitos ES, Lee ES Playgrounds	CEs
Los Alamitos USD	\$129,530	Los Alamitos High, Lee and Hopkinson High School, and District Office, various improvements & Auxillary Center	CEs
Los Alamitos USD	\$176,050	Los Alamitos Multi-Story STEM building	IS/MND
Los Alamitos USD	\$48,050	Los Alamitos USD Multi-Story Building	IS/MND
Los Alamitos USD	\$1,726	McGuagh Elementary School Parking Lot Lights	CEQA
Los Alamitos USD	\$62,285	Pipeline Study	Technical Study
Los Alamitos USD	\$19,610	Aquatics Improvements	IS/MND
Los Alamitos USD	\$43,555	Soil Sampling for Waste Characterization	Phase II ESA
Los Alamitos USD	\$37,569	Additional Soil Sampling for Waste Characterization Los Alamitos HS	Phase II ESA

OWNER	VALUE OF SERVICES	PROJECT NAME	PROJECT TYPE
Los Alamitos USD	\$5,900	Phase I ESA for Los Alamitos STEM Multistory Building Project	Hazardous Materials
Los Alamitos USD	\$3,810	Provide Workers Environmental Awareness Program (WEAP) Training & Material - Aquatic Improvement Project	Cultural Resources
Los Alamitos USD	\$1,919	Weaver Elementary Playground	CE/NOE
Long Beach USD		Educare Facility	IS/MND
Long Beach USD	\$51,485	Polytechnic High School Field Improvement	IS/MND
Long Beach USD	\$1,950	Polytechnic HS Athletic Field Improvements - Cultural Sensitivity Project	Cultural Resources
Long Beach USD	\$11,164	Reid High School Improvement Project	Archeological Monitoring
Long Beach USD	\$52,380	Barton Elementary School	IS/MND
Long Beach USD	\$3,230	Central Services Asphalt Replacement – Phase 2	CEQA
Los Angeles County Office of Education	\$5,950	Palmdale Site - Community Day School	IS/MND
Los Angeles County Office of Education	\$38,920	Lancaster - Community Day School	IS/MND
NOCCD	\$71,940	Cypress College Master Plan	EIR and technical studies
NOCCD	\$5,200	Cypress College – Fuel Storage Tank	IS/MND
NOCCD	\$87,631	Fullerton College Master Plan	EIR and technical studies
NOCCD	\$8,476	Fullerton -Field Lighting and Track Improvement	Preliminary assessment NOCCD's with Program Mgr.
Norwalk- La Mirada USD	\$79,690	La Mirada High School Baseball, Softball, and Practice Fields Modernization	IS/MND
Norwalk- La Mirada USD	\$16,240	La Mirada High School – Football Stadium Addendum	IS/MND
Norwalk- La Mirada USD	\$49,250	La Mirada High School - Athletic Field & Stadium Renovation Project	IS/MND
LACDPW	\$14,340	Olive View Medical Center and Training Hospital - Storage Trailers Replacement	IS/MND and technical studies
Placentia -Yorba Linda USD	\$15,940	Entire District	Small MS4 Stormwater Permit Services
Placentia -Yorba Linda USD	\$42,911	District Transportation Facility	Underground Storage Tank Compliance
San Diego USD	\$68,113	Clairemont High School Stadium Complex	EIR
San Diego USD	\$45,674	Holmes Elementary School Joint Use Athletic Field	IS/MND
San Diego USD	\$11,885	Hoover High School new Theatre and Classroom Building - CEQA Services	CEQA
San Diego USD	\$28,124	Paradise Elementary School Joint Use Athletic Field	IS/MND
UCI	\$203,223	UCI Replacement Hospital and Training Medical Center	Archeological Monitoring
UCI	\$129,010	Computer Science #3 – Bren Hall Building	Archeological Monitoring
Victor Valley CC c/o Carrier Johnson	\$29,000	Victor Valley College Educational Master Plan	EIR and technical studies



UltraSystems
 environmental • management • planning

16431 Scientific Way, Irvine, CA 92618
 t: 949/788-4900 / f: 949/788-4901
www.ultrasystems.com

