UltraSystems
environmental•management•planning

Statement of Qualifications for Environmental Services for Cultural Resources Management

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COMPANY QUALIFICATIONS

UltraSystems Environmental Inc. (UltraSystems) is a leader in environmental compliance with federal, state and local regulations governing project planning, development and construction. As a full-service, interdisciplinary environmental consulting firm, UltraSystems has the expertise to help clients successfully meet their objectives. UltraSystems has been serving public and private sector clients throughout California since 1994.

UltraSystems' corporate headquarters is located at 16431 Scientific Way in Irvine, California. UltraSystems also maintains regional, satellite offices throughout California, including El Centro and Grass Valley.

UltraSystems employs a diverse, multidisciplinary team of talented and experienced cultural resources specialists, anthropologists, archaeologists, historians, paleontologists, engineers, architects, urban and regional planners, biologists, geologists, hydrologists, engineers, economists, and GIS specialists to achieve our corporate mission.

UltraSystems has decades of experience in the practice of cultural resources management, specifically providing compliance with regulatory agencies at the federal, state, regional and local level concerning with anthropological, archaeological and paleontological resources. We are especially adept in consultation and coordination with California's Native American cultures. UltraSystems provides a menu of services to assist at a number of stages in project development, environmental compliance and construction:

SERVICES AND AREAS OF EXPERTISE	
Archaeology	**Historic Preservation**
• Survey and Site Recordation • Records & Archival Searches • Phase I, II and III Cultural Resources Reports • Site Evaluation • Excavation and Data Recovery • Artifact Analysis • Native American/NAHC Coordination • SHPO/THPO Consultation • Mitigation Measures • Technical Reports • Construction Monitoring	• Historic Property Searches • Architectural History • Historic Contexts • Treatment Plans • HPSR/HRER Documentation • National/California Register Eligibility • Archival Research • SHPO/THPO Consultation • Mitigation Measures • Technical Reports • Construction Monitoring
Anthropology	**Paleontology**
• Native American Consultation and Coordination • Ethnography • Ethnohistory • AB52 and SB18 Coordination • Traditional Cultural Properties • Archival Research • Sacred Sites • Technical Reports	• Field Survey and Site Assessment • Literature and Map Review • Fossil Salvage and Collection • Specimen Preparation • Mitigation Measures • Technical Reports • Construction Monitoring

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

UltraSystems has been providing consulting services to public and private sector clients throughout California since the founding of the firm in 1994. During those more than 30 years, the firm has prepared over **7,000** environmental reports and technical and engineering studies for our clients. UltraSystems continues to specialize in providing comprehensive, high-quality, 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 **scope**, **budget** and **schedule**; ultimately producing and delivering **quality** work products tailor-made for that project and fit for purpose.

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.

HANDS-ON EXPERTISE WITH REGULATORY AGENCIES

UltraSystems has been chiefly responsible for the key compliance documents, management plans and associated permits for our client's projects. Our firm has also conducted interagency coordination at varying levels of detail and complexity on behalf of clients. In this regard, UltraSystems staff regularly interacts with federal, state, regional and local regulatory agencies, as part of our environmental analysis under CEQA/NEPA, and in securing permits for our clients.

UltraSystems keeps up to date on the requirements of the California Department of Transportation (Caltrans), the U.S. Bureau of Land Management (BLM), the Native American Heritage Commission (NAHC), the U.S. Army Corps of Engineers (USACE), U.S. Fish and Wildlife Service (USFWS), California Department of Fish and Wildlife (CDFW), the California Coastal Commission (CCC), 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 Department of Resources Recycling and Recovery (CalRecycle), and various other agencies to ensure that our regulatory knowledge is current.

UNDERSTANDING OF LOCAL CONDITIONS

Project professionals within our cultural and paleontological practice have decades of experience working throughout California. Such institutional knowledge serves them well and provides for a wealth of pre-existing contacts and relationships within the broad field of environmental compliance and cultural resource management. UltraSystems' cultural resources practice is recognized statewide for its special expertise and sensitivity when working with Native Californians. UltraSystems has pioneered an extensive network of trusted alliances with Native people as well as with the public agency stewards who oversee the various land management agencies throughout California.

MEETING CLIENT EXPECTATIONS

UltraSystems has a long history of providing technological innovation and creative approaches to solving challenging issues for clients. The majority of our work stems from repeat customers who trust us to deliver scientific objectivity, environmental expertise and the legally defensible technical documents, required to meet stringent agency regulations.

COMPANY CAPABILITIES - CULTURAL RESOURCES MANAGEMENT



UltraSystems employs a highly qualified team of professionals who provide cultural resource compliance services to assist our clients in meeting the requirements of environmental and historic preservation laws, including the California Environmental Quality Act (CEQA), the National Historic Preservation Act (NHPA), the National Environmental Policy Act (NEPA), the Native American Graves Protection and Repatriation Act (NAGPRA), and Archaeological Resources Protection Act (ARPA) for projects in California, Arizona, and Nevada.

Our team includes professionals with advanced degrees in archaeology, anthropology, history, and paleontology, as well as being Licensed Historic Architects and Registered Professional Archaeologists. Members of our team also meet and exceed the Secretary of the Interior (SOI) Professional Qualification Standards for History, Archaeology, Architectural History, and Historic Architecture (36 CFR Part 61), as well as various county, municipal, and state standards and requirements necessary to conduct cultural resources studies. Our staff's quality work has allowed us to establish strong and credible relationships with key reviewing agencies.

To help our clients comply with federal, state, and local regulations, UltraSystems provides a variety of cultural resources services. These include literature review, field inventories, test excavations, construction monitoring, data recovery and analysis, historic structure evaluations, consultation with tribes, ethnographic and ethnohistoric studies, curation, and preparation of technical compliance documents.

Our experts understand how cultural resource requirements relate to project planning from regulatory, timing, budget, and management perspectives. UltraSystems is focused on successful project management and timely project delivery.

ARCHAEOLOGICAL SERVICES

UltraSystems' cultural resources staff are versed in both prehistoric and historical archaeology. Our services include literature review, records searches, field survey and site recordation, site testing/evaluation, excavation and data recovery, artifact analysis, California State Office of Historic Preservation (SHPO) consultation, Native American Heritage Commission (NAHC) and tribal coordination and consultation, mitigation recommendations, technical reporting, and construction monitoring. Our professional archaeologists are thoroughly familiar with applicable regulations governing the treatment of cultural resources.

HISTORIC PRESERVATION

UltraSystems' team of historians, architectural historians, and archaeologists have specialized expertise in historic preservation and architectural history. We regularly conduct archival research, resource surveys, historical evaluations, preservation plans, HPSR/HRER documentation, interpretive plans, National Register of Historic Places and California Register of Historical Resources

nominations, and evaluation and excavation of historical archaeological sites. All of our services conform to the Secretary of the Interior standards for the treatment of historic properties.

ANTHROPOLOGY/NATIVE AMERICAN CONSULTATION

UltraSystems consults with Native American tribal organizations (state and federally recognized) regarding cultural resource issues, including the identification of traditional cultural properties (TCPs), Native American burial sites, sacred sites, and religious practices. Consultation involves contact and meetings with the Native American Heritage Commission (NAHC) and with tribal governments and their representatives, and Lead Agency AB 52 and SB 18 consultation assistance.

We also coordinate the hiring of Native American/Tribal Monitors who provide oversight for earth-disturbing activities, pursuant to compliance with federal, state, county, and city government regulations. Consultation services include archival research, evaluation of TCPs for NRHP eligibility, treatment recommendations, ethnographic studies (archival, interviews and THPO consultation), and assistance with Native American Graves Protection and Repatriation Act (NAGPRA) agreements.

PALEONTOLOGICAL SERVICES

UltraSystems' paleontological services include developing and managing paleontological resources monitoring and mitigation programs; preparing paleontological resources management and discovery plans, including developing site-specific stratigraphic frameworks to identify paleontologically sensitive sediments; developing and implementing paleontological resources worker education programs; administering paleontological specimen preparation and curation; and agency coordination.

CONSTRUCTION COMPLIANCE

UltraSystems provides construction compliance as an integral aspect of our archaeological, historic and paleontological services. Our skilled compliance team provides training for construction personnel, as dictated by permit requirements. Our team also monitors construction activities to satisfy permit requirements and to mitigate adverse effects to sensitive and protected cultural resources.

UltraSystems facilitates the construction process to ensure that the project does not violate any applicable preservation laws and project mitigation measures. Our cultural and biological teams develop Worker Environmental Awareness Training (WEAP) programs to meet regulatory needs tailored to specific projects and locations. The goal of the compliance program and our compliance monitors is to assist construction crews in keeping a project moving forward in a timely fashion towards completion.

ASSEMBLY BILL (AB) 52

As a recent component of the California Environmental Quality Act (CEQA), Assembly Bill 52 requires Lead Agencies to consult with Native American tribes and created a new class of resources: Tribal Cultural Resources (TCR). UltraSystems has experience facilitating consultation between Lead Agencies and tribes for school districts and local government agencies throughout Southern California. To keep up with ever changing CEQA regulations UltraSystems Cultural staff has taken multiple training course in AB 52 and general tribal consultation presented by Tribal organizations and federal agencies.

KEY PERSONNEL

Betsy A. Lindsay, MURP, ENV SP – President/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'** 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 200 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.

Stephen O'Neil, M.A., RPA 16104– Cultural Resource Manager

Mr. O'Neil has over **46 years** of experience as an archaeologist and cultural anthropologist in California. He has researched and written on ethnography, archaeology and history. Mr. O'Neil has archaeological experience in project management, treatment plan development, excavation, survey, monitoring, laboratory work, and report preparation. The majority of this has been on Native American prehistoric sites, but also includes Spanish, Mexican, and American period adobe sites. Mr. O'Neil's supervisory experience includes project management, lead monitor, excavation and survey crew chief and project director of site excavation. He has a wide range of expertise in Phase I and Phase II Site Identification and Assessment, cultural resource survey, salvage operations, and cultural background studies for various Environmental Impact Report (EIR) and IS/MND projects. Mr. O'Neil is familiar with ethnobotany, Native American family reconstruction methods, and rock art. His recent experience includes projects in Orange, Los Angeles, San Diego, Riverside, San Bernardino, Imperial, Inyo, Santa Barbara and San Luis Obispo counties and the Central Valley. Project experience includes road construction, bridge widening, water pipe and other utility line replacement, solar field developments, international border fence construction, school construction, residential developments, land exchanges, planned communities, and county, state and federal agency building construction.

Megan Black-Doukakis, M.A. – Archaeological Technician

Mrs. Doukakis has over **14 years** of experience as an archaeologist in California. She has conducted pedestrian archaeological survey, test and full-scale excavations, archaeological monitoring, laboratory curation of archaeological materials to comply with state and federal historic preservation laws in Southern California and beyond. Mrs. Doukakis has authored a number of Phase I and II technical reports, IS/MND, ICRMP, FCC forms, EIR documents and project proposals. She has extensive experience with the California Historical Resources Information System as well as conducting paleontology record searches and working with the Native American Heritage Commission in conducting record searches and consulting with Native American groups. Mrs. Doukakis is proficient at project management and project scheduling for large and small-scale projects.

OTHER TECHNICAL DISCIPLINES AT ULTRASYSTEMS ENVIRONMENTAL

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.

UltraSystems' **Noise** group has prepared noise control and noise monitoring plans for complex construction projects, and has audited compliance with field sampling requirements. The Noise group supports CEQA and NEPA documentation by preparing stand-alone technical studies and report sections. It conducts ambient noise monitoring to establish background exposures. Using its extensive library of construction equipment noise data, UltraSystems calculates noise exposures during construction and recommend mitigation measures to satisfy local criteria. UltraSystems models traffic noise with TNM 2.5; it also uses the program for preliminary design of soundwalls. Train noise is another one of UltraSystems' specialties. It has 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.

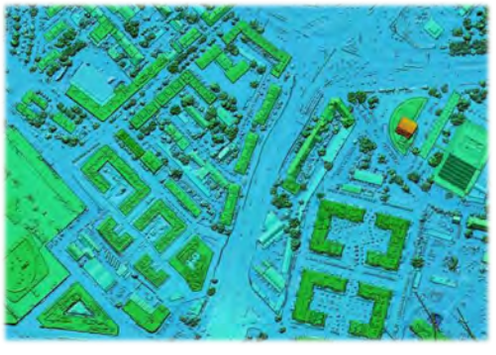
In the field of **Biology**, our biologists provide a wide array of services, including field surveys, vegetation mapping, habitat evaluations, threatened and endangered species surveys, jurisdictional delineations and permitting. We maintain valuable ongoing relationships with the reviewing agencies 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.

In the fields of **Geology** and **Seismicity**, our experts have a successful track record in 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 on-going 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.

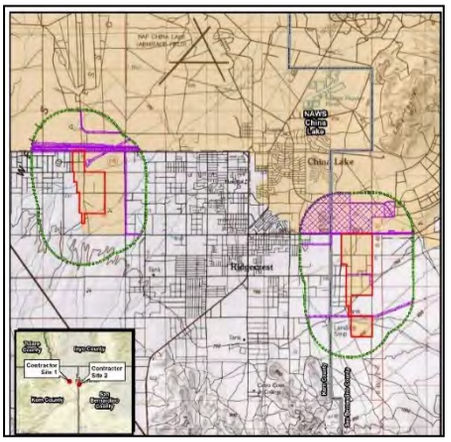
The UltraSystems **Planning** group has recognized experts in the fields of federal and state environmental laws (NEPA/CEQA), planning and zoning laws, social sciences, environmental justice and demographic analysis. Our staff has managed the environmental review for general plan updates and amendments, 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.



REPRESENTATIVE PROJECT EXPERIENCE

NAVAL AIR WEAPONS STATION CHINA LAKE – ARCHAEOLLGICAL SURVEY AND SITE RECORDING

Client: Naval Weapons Station (NWS)



UltraSystems was contracted by the Naval Facilities Engineering Command (NAVFAC) Southwest Division to conduct and report on cultural resource surveys under Contract N6247320D0012, Delivery Order N6247320F4301. This task calls for the cultural resource pedestrian survey at the Naval Air Weapons Station – China Lake. NAWS China Lake is situated in the northwestern portion of San Bernardino, northeastern portion of Kern, and southwest portion of Inyo counties, in the Western Mojave Desert and Coso Mountains. This project supports the earthquake recovery efforts due to the 2019 earthquake on NAWS China Lake. The project area will be used to house contractors that will work on the base for the recovery efforts.

The pedestrian surveys covered approximately 1,358 acres immediately south of the North Range of the base, on the two Contractor Camp Sites located on the west and east edges of the town of Ridgecrest.

The purpose of this Task Order survey is to provide an inventory of cultural resources on the Contractor Camp Sites. This includes all potential prehistoric and historic archaeological isolate artifacts, features and sites. Detailed recordings were made including sub meter accuracy location. Only chronologically diagnostic or especially unique artifacts were collected. The surveys were conducted in the spring of 2020 by a crew of four for 10 days. After the initial fieldwork was completed, the Navy requested an additional 164 acres surveyed which was conducted May 2020.

62 isolates and 12 sites were recorded in the field, site reports prepared and submitted to the California Historic Resources Information System for CHRIS Site numbers following review and approval by the Navy Project Manager. The final report of findings was prepared and approved by the Navy June 2020.

PALM CREST ELEMENTARY SCHOOL MODERNIZATION – ARCHAEOLOGICAL AND HISTORIC RESOURCE ASSESSMENT

Client: La Cañada Unified School District

UltraSystems Environmental Inc. was contracted by the La Cañada Unified School District for the Palm Crest Elementary School Modernization Project. 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 between 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 prepared a Phase I Cultural Resources Assessment for the Initial Study/Mitigated Negative Declaration (IS/MND) for this project. A historic-period Building Evaluation was also prepared by subcontractor CRM TECH for the early 1920s Bullock House (Viewpoint), an historic era residence on the project site that is planned to be demolished as a part of the project. An historic evaluation of the residence was conducted and the building was determined to not be eligible for the National Register and does not constitute a "historic resource" for CEQA-compliance purposes. A DPR site record was prepared for this building. The cultural resource ped4estrian survey was negative for prehistoric resources.

ORO VISTA ESTATES DEVELOPMENT PROJECT –CCULTUREAL RESOIURCEAASSESSMENT AND PHGASE II SITE EXCAVATION

Client: The Code Solution

UltraSystems conducted a Phase I Cultural Resources Inventory for the Oro Vista Estates Project located in the Lincoln Heights neighborhood of the City of Los Angeles. The Phase I report was completed for the project's Environmental Impact Report.

The approximately 31-acre project site is bounded by Lincoln Park Avenue to the west and Amethyst Street to the east, Lincoln High School to the south and Eva Terrace to the north. The Oro Vista Estates Project proposes site grading and the construction of a small lot subdivision of 310 homes. Potential project amenities include: a transportation hub to serve the surrounding community, improvements to public streets and intersections surrounding the development, improvements to the facilities of Abraham Lincoln High School, dedication of land and creation of useful open space around the perimeter of the development to create scenic buffer areas, nature trails, green belts, and rest areas, a 12,004 square-foot community center including a clubhouse/recreational area, and a 46,016 square-foot park. The City of Los Angeles is the Lead Agency for the purposes of CEQA.

The archaeological pedestrian survey was positive for cultural resources, locating a prehistoric marine shell scatter and historic trash deposit on the east edge of the project. As the plans indicate residential

buildings to be constructed at the location this material was found a Phase II test excavation was recommended to determine the extent, depth and contents of the archaeological feature so as to make proper recommendations for mitigation. A Phase II test excavation took place November 2019. A technical report on the findings of the results of that excavation is being prepared.

CAMERON RANCH SPECIFIC PLAN PROJECT– ARCHAEOLOGICAL AND PALEONTOLOGICAL RESOURCE ASSESSMENT AND PHASE II SITE EXCAVATION

Client: Kojima Development Company

UltraSystems Environmental was retained by the Kojima Development Company to prepare an Environmental Impact Report (EIR) and associated studies for the Cameron Ranch Specific Plan Project. The project is located 0.2 mile west of the Banning Idyllwild Panoramic Highway (HWY 243) within the unincorporated portion of Riverside County known as The Pass. It encompasses 609 acres of hilly terrain with California Coastal Sage Scrub, chaparral, riparian scrub habitat and oaks. The project will construct approximately 154 single-family residential lots with associated infrastructure on lots ranging in size from less than 0.5 acre to approximately one acre.

Mr. O'Neil served as Project Manager and Lead Archaeologist conducting archaeological and paleontological surveys resulting in technical reports describing and assessing these resources. The Phase I cultural resource survey located and recorded two historic dams on upper Poppet Creek that were likely used in association with cattle grazing on the ranch in the early 20th Century. The report also noted a rock shelter and recommended a test excavation to the County. The County of Riverside called for a Phase II test of the rock shelter that resulted in discovery of ground stone artifacts, indicating use as a plant-processing campsite. Site records of the historic dams and the rock shelter were prepared and submitted on the Eastern Information Center.

CULTURAL RESOURCES SURVEY AND MONITORING SERVICES, IMPERIAL SOLAR ENERGY CENTER

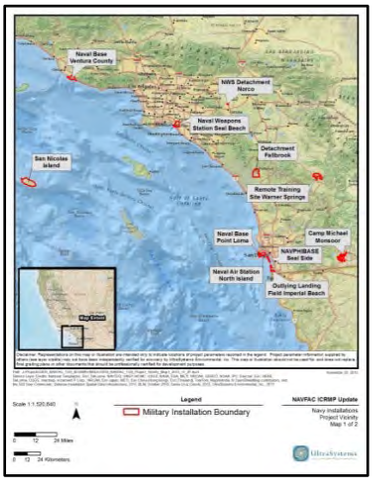
Client: CSOLAR Development, LLC

UltraSystems provided environmental studies and carried out the cultural, biological, and hazardous materials mitigation measures for the Imperial Solar Energy Center-South for CSOLAR Development, LLC. CSOLAR built and will operate the ISEC-South solar energy project near El Centro, Imperial County, California. The facility consists of approximately 947 acres of former agricultural land for use as a solar field site, an electrical substation, a transmission interconnection line corridor, and two access road rights-of-way on Bureau of Land Management (BLM) land. Further work is being conducted at the ISEC-West solar energy project near Seeley, Imperial County, California, consisting of approximately 1,143 acres of former agricultural land for use as a solar field facility, an electrical substation, a transmission interconnection line corridor, and access road rights-of-way on Bureau of Land Management land.

UltraSystems provided paleontological surveys and evaluations prior to construction as well as archaeological, Native American and paleontological monitoring programs. Consulting with 14 local federally recognized tribal entities under BLM MOA, Monitoring was conducted for all elements of the project including grading and trenching. UltraSystems also conducted consultations with local Native American tribes and, with the biology team, prepared and presented a Worker Environmental Awareness Program (WEAP) to train construction workers.

NAVFAC INTEGRATED CULTURAL RESOURCES PLAN(S)– MULTIPLE NAVAL BASE CULTURAL RESOURCE MANAGEMENT PLANS

Client: Naval Facilities Engineering Command



UltraSystems was contracted by the Naval Facilities Engineering Command (NAVFAC) Southwest Division under Contract N62473-14-D-1414, Task Order 006. This task calls for the production of eight (8) Integrated Cultural Resources Management Plan (ICRMP) documents for Navy Region Southwest (NRSW) installations. The UltraSystems is required to: (1) re-format and edit previously completed ICRMPs to be consistent with the Navy Region Southwest (NRSW) updated ICRMP format, (2) revise and update appropriate sections within each document to accurately reflect the current status of cultural resources at each facility, and (3) produce electronic and physical copies of draft and final versions. In addition to the eight updated ICRMPs, the deliverables included a Work Plan and APP/AHA (Safety Plan) documentation. The Navy installations that updated ICRMPs were prepared for are situated in San Diego, Riverside, Orange, Ventura and Monterey counties, California. They are: Naval Base Point Loma, Naval Base Ventura County, NOLF San Nicolas Island, Naval Weapons Station Seal Beach, Naval Base Coronado, NWDS Seal Beach – Detachment Norco, NWS Seal Beach – Detachment Fallbrook, and Naval Support Activity Monterey. These several plans were prepared by Dr. Gold (Project Manager), Mr. O'Neil and Ms. Black.

SAFE ROUTES TO SCHOOL PEDESTRIAN IMPROVEMENTS PROJECTS - HISTORICAL AND ARCHAEOLOGICAL SERVICES

Client: City of Fontana

UltraSystems provided historical and archaeological cultural services for the City of Fontana's Safe Routes to School Pedestrian Improvements Project. The first 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 (from Juniper to Sierra Avenues), 800 linear feet along Alder Avenue (from Baseline to Shamrock Avenues), and 5,300 linear feet along Locust Avenue (from Miller Avenue to Arrow Boulevard). The second 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. These projects will create separate pathways for pedestrians, safely removing them from vehicular travel lanes, to provide sidewalks where there are none, and closing 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. This transportation Project is partially funded by the State of California under the Active Transportation Program Augmentation Program 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 City of Fontana's Preliminary Environmental Study (PES) required an Environmental Assessment of the impacts of the Project, including preparation of a Historical Properties Survey Report (HPSR) which contains an Archaeological Survey Report (ASR). UltraSystems prepared the Area of Potential Effect (APE) maps as

well as the ASR that were subsequently approved by Caltrans District 8 District Local Assistance Engineer and Senior Environmental Planner prior to commencing the cultural studies. 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. Information from this report was used to prepare the HPSR that was approved by the City, Caltrans District 8, and the California Office of Historic Preservation.

LAKE HUGHES ROAD CULVERT REPLACEMENT PROJECT - HISTORICAL AND ARCHAEOLOGICAL SERVICES

Client: KOA Corporation

A 2015 storm created a new drainage path at approximately 235 feet south of Mile Marker (MM) 2.47 on Lake Hughes Road, Los Angeles County, where a large quantity of mud and debris were deposited on the roadway. The Los Angeles County Department of Public Works (County), in cooperation with the California Department of Transportation (Caltrans), proposed the Lake Hughes Road Culvert Replacement Project (Task Order PW13667-061; Dale Sakamoto Project Manager) to safeguard the roadway from future debris flows during storm events. The Project work will construct three reinforced concrete culvert boxes below the roadway, a reinforced concrete inlet structure, a reinforced concrete outlet structure, a riprap energy dissipater at the outlet, reconstruct the roadway with asphalt concrete on crushed miscellaneous base and striping.

UltraSystems prepared an Historic Property Survey Report (HPSR) (by subconsultant CRM TECH) and a Natural Environmental Study (NES). The HPSR included an Archaeological Survey Report (ASR) which included a pedestrian field survey, a records search at the local California Historical Records Information System (CHRIS) center at the South Central Coastal Information Center (SCCIC), and contacting the Native American Heritage Commission for a search of their Sacred Lands File and to provide a list of local tribes to contact for their knowledge of potential cultural resources. It also included an Area of Potential Effects (APE) map. The ASR and the APE map were prepared by UltraSystems, as well as providing oversight to the HPSR as a whole.

The HPSR and the NES were submitted to the County in September 2018. The County approved the report and submitted them to Caltrans for final review and approval.

ULYSSES S GRANT HIGH SCHOOL COMPREHENSIVE MODERNIZATION PROJECT

Client: Los Angeles Unified School District

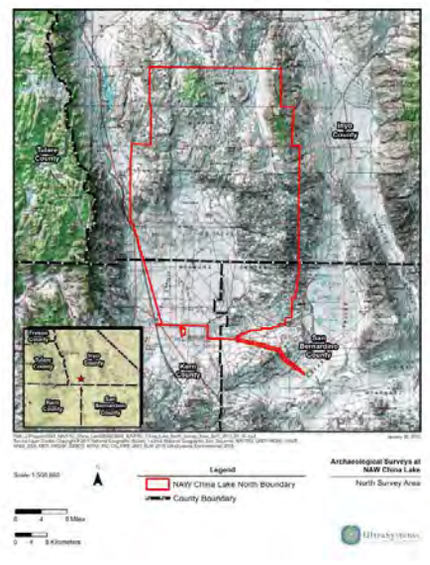
As part of its School Upgrade Program, Los Angeles Unified School District (LAUSD) planned to implement a comprehensive modernization project at Ulysses S. Grant Senior (Grant) High School in Los Angeles, California. A campus-wide survey of the Grant High School campus (a 32.4-acre site) found the existing structures and mechanical systems to be outdated, requiring rehabilitation or modernization. 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 and construction of approximately 88,271 square feet of new building space. UltraSystems prepared a five environmental studies and an Initial Study and Mitigated Negative Declaration (IS/MND) on behalf of the District.

Mr. O'Neil served as Project Manager and Lead Archaeologist preparing the cultural resources inventory report which included a site pedestrian survey of the grounds, a records and reports search at the local California Historic Information System center, a Native American Heritage Commission search of their Sacred Lands File, and outreach with local Native Amnerican tribes. Because U.S Grant High School is eligible for listing on the National Register of Historic Places, a Project Effect Assessment was also prepared by an Architectural Historian under the supervision of Mr. O'Neil.

NAVAL AIR WEAPONS STATION CHINA LAKE (NAWSCL) - ARCHAEOLOGICAL SURVEY AND SITE RECORDING

Client: Naval Weapons Station (NWS)



UltraSystems was contracted by the Naval Facilities Engineering Command (NAVFAC) Southwest Division to conduct and report on cultural resource surveys under Contract N62473-14-D-1414, Task Order 2. This task calls for the cultural resource pedestrian survey on the Naval Air Weapons Station – China Lake. The pedestrian surveys cover approximately 30,000 acres in both the North and South Ranges of the base. NAWS China Lake is situated in the northwestern portion of San Bernardino, northeastern portion of Kern, and southwest portion of Inyo counties, in the Western Mojave Desert and Coso Mountains.

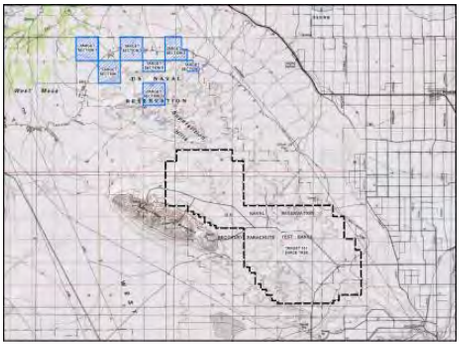
The purpose of this Task Order survey is to provide an inventory of cultural resources on the station.

This study fulfills the Navy's compliance responsibilities as prescribed by Section 110 of the National Historic Preservation Act (NHPA) and OPNAVINST 5090.1D. This includes all prehistoric and historic archaeological isolate artifacts, features and sites. Detailed recordings were made including sub-meter accuracy location. Only chronologically diagnostic or especially unique artifacts were collected. This task is part of the on-going cultural resource inventorying of segments of the base in the mountainous North Range and flatter desert South Range. Segments being inventories primarily consist of current and proposed target ranges. Pedestrian survey crews conducting work here are required to be accompanied by UXO escorts. The surveys were conducted in the summer and fall of 2015 by a crew of four using 10/4 days rotations.

Isolates and sites were recorded in the field, site reports prepared and submitted to the California Historic Resources Information System following review and approval by the Navy Project Manager, and a final report of findings prepared and submitted to the Navy. The field work was conducted by and the technical report was prepared by Dr. Gold and Mr. O'Neil (Principal Investigator and Co-Field Director).

NAVAL AIR FACILITY EL CENTRO (NAFEC) – ARCHAEOLOGICAL SURVEY AND SITE RECORDING

Client: Naval Air Facility



UltraSystems was contracted by the Naval Facilities Engineering Command (NAVFAC) Southwest Division to conduct and report on cultural resource surveys under Contract N62473-14-D-1414, Task Order 3. This task called for a cultural resource pedestrian survey on the Naval Air Facility – El Centro base. NAF El Centro is situated in Imperial County in the Colorado Desert. The pedestrian surveys cover 15,073 acres in Target Range 101 and the Superstation Hills areas of the base. The purpose of this survey is to provide an inventory of cultural resources on the base. This study fulfills the Navy's compliance responsibilities as prescribed by Section 110 of the National Historic Preservation Act (NHPA) and OPNAVINST 5090.1D. The inventory includes all prehistoric and historic archaeological sites, features and isolated artifacts on portions of Range 101 and the Superstition Hills that require either initial or resurvey that will be accomplished by UltraSystems. Isolates and sites are now being recorded in the field using state of the art digital archaeological documentation via iPads. The field work was conducted by and the technical report were prepared by Dr. Gold and Mr. O'Neil (Principal Investigator and Co-Field Director).

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