

Phase I Cultural Resources Assessment

El Toro Development Plan

Prepared for | County of Orange – CEO Real Estate/Land
Development
333 West Santa Ana Boulevard, 3rd Floor
Santa Ana, California 92701

El Toro Development Plan
USGS El Toro and Tustin, CA 7.5 Minute Quadrangles;
Sections 6, 7, and 8 of Township 6 South; Range 8
West (S.B.B.M)

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June 2015 (updated October 11, 2016)



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Range 8 West (*S.B.B.M*)

BonTerra Psomas

Project Number: 3LOW000100

Key Words: Marine Corps Air Station (MCAS) El Toro; USGS El Toro, CA 7.5 Minute Quadrangle;
Irvine Ranch, El Toro Development Plan

MANAGEMENT SUMMARY

PURPOSE AND SCOPE

BonTerra Psomas undertook this Project to provide a Phase I Cultural Resources Inventory for the El Toro Development Plan.

For the Project site, the cultural resources investigation will be undertaken to consider potential impacts of the Project on cultural and paleontological resources and will be completed consistent with Mitigation Measures developed by the County of Orange.

DATES OF INVESTIGATION

A cultural resources records search was conducted for the Project by David M. Smith at the South Central Coastal Information Center (SCCIC) at California State University, Fullerton on February 26, 2015 (Attachment A). An updated SCCIC records search was completed on September 14, 2016 (Attachment A). A paleontological resources records search and literature review was conducted at the Natural History Museum of Los Angeles County (LACNHM) on March 26, 2015 (Attachment B). Native American consultation was initiated on March 10, 2015, with a letter to the Native American Heritage Commission (NAHC). The NAHC responded on March 23, 2015, and provided a list of Native American groups and individuals who may have knowledge regarding Native American cultural resources not formally listed on any database. Letters were sent to Native American tribes and individuals on March 24, 2015 (Attachment C). This technical report was completed in May of 2015.

FINDINGS

According to records on file at the SCCIC, there have been at least 40 cultural resources studies conducted within a one-mile radius of the Area of Potential Effects (APE) since 1973. Four of these studies included at least a portion of the Project site (Table 1). None of these studies resulted in the identification of any cultural resources on the subject property. An archaeological survey of the property was conducted by Mr. David M. Smith, BonTerra Psomas Senior Archaeologist, on February 27, 2015. No cultural resources were observed during the survey.

On May 5, 2015, a paleontological resources survey was conducted by Mr. Mark A. Roeder, BonTerra Psomas Senior Paleontologists. No paleontological resources were observed during the survey.

FINDINGS OF EFFECT

Numerous structures related to the MCAS El Toro installation are located in the southeastern half of the Project site. Although the structures were a part of the former MCAS El Toro, the Department of the Navy (DoN) has determined that they are not eligible for the NRHP or for Cold War Legacy status (Irvine 2003). The California State Historic Preservation Officer (SHPO) concurred with this finding in 1998. Therefore, the built environment that still exists on the parcel will be given no further consideration. Additionally, an intensive pedestrian survey of the undeveloped portion of the property did not result in the discovery of any previously unrecorded historic or prehistoric resource; therefore, it does not appear the Project will have any adverse effects on cultural resources on this parcel. Although the paleontological resources survey reveal no paleontological resources, paleontological resources may be uncovered during ground-disturbing activities associated with construction

MITIGATION

The County of Orange has adopted standard conditions of approval that are evaluated for applicability at the time projects are considered for approval. The following measures pertaining to cultural resources would be applicable the El Toro Development Plan Project. However, it should be noted, that this report satisfies the requirements for literature and records search technical reports, as identified in Standard Conditions A01 and A03.

A01 Archaeological Survey. Prior to the issuance of the first grading permit, the applicant shall obtain approval from the Manager, Permit Services of a report on a literature and records search and field survey of the project site. The applicant shall retain a County-certified archaeologist to complete the literature and records search for recorded sites and previous surveys. The archaeologist shall conduct a field survey unless the entire proposed project site has been documented as previously surveyed. If determined necessary by the archaeologist, the archaeologist shall prepare a report on a subsurface test level investigation of archaeological resources collection as appropriate. The applicant shall implement the mitigation measures recommended in this report in a manner meeting the approval of the Manager, Permit Services.

A02 Archaeological Observation and Salvage. Prior to the issuance of the first grading permit, the applicant shall provide written evidence to the Manager, Permit Services, that applicant has retained a County-certified archaeologist, to observe grading activities and salvage and catalogue archaeological resources as necessary. The archaeologist shall be present at the pre-grade conference, shall establish procedures for archaeological resource surveillance, and shall establish, in cooperation with the applicant, procedures for temporarily halting or redirecting work to permit the sampling, identification, and evaluation of the artifacts as appropriate. If the archaeological resources are found to be significant, the archaeological observer shall determine appropriate actions, in cooperation with the project applicant, for exploration and/or salvage.

Prior to the release of the grading bond the applicant shall obtain approval of the archaeologist's follow-up report from the Manager, Permit Services. The report shall include the period of inspection, an analysis of any artifacts found and the present repository of the artifacts. The archaeologist shall prepare excavated material to the point of identification. Applicant shall offer excavated finds for curatorial purposes to the County of Orange, or its designee, on a first refusal basis. These actions, as well as final mitigation and disposition of the resources, shall be subject to the approval of the Manager, Permit Services. Applicant shall pay curatorial fees if an applicable fee program has been adopted by the Board of Supervisors, and such fee program is in effect at the time of presentation of the materials to the County of Orange or its designee, all in a manner meeting the approval of the Manager, Permit Services.

A03 Paleontological Survey. Prior to the issuance of the first grading permit, the applicant shall obtain approval from the Manager, Permit Services of a report on a literature and records search and field survey of the project site. The applicant shall retain a County-certified paleontologist to complete the literature and records search for recorded sites and previous surveys. The paleontologist shall conduct a field survey unless the entire proposed project site has been documented as previously surveyed. If determined necessary by the paleontologist, the paleontologist shall prepare a report of the pre-grade paleontological salvage

operation. The applicant shall implement the mitigation measures in the report in a manner meeting the approval of the Manager, Permit Services.

The report shall include methodology, an analysis of artifacts found, a catalogue of artifacts, and their present repository. The County-certified paleontologist shall prepare excavated materials to the point of identification. Applicant shall offer excavated finds for curatorial purposes to the County of Orange, or its designee, on a first refusal basis. Applicant shall pay curatorial fees if an applicable fee program has been adopted by the Board of Supervisors, and such fee program is in effect at the time of presentation of the materials to the County of Orange or its designee, all in a manner meeting the approval of the Manager, Permit Services.

A04

Paleontological Observation and Salvage. Prior to the issuance of the first grading permit, the project applicant shall provide written evidence to the Manager, Permit Services, that applicant has retained a County certified paleontologist to observe grading activities and salvage and catalogue fossils as necessary. The paleontologist shall be present at the pre-grade conference, shall establish procedures for paleontological resource surveillance, and shall establish, in cooperation with the applicant, procedures for temporarily halting or redirecting work to permit sampling, identification, and evaluation of the fossils. If the paleontological resources are found to be significant, the paleontologist shall determine appropriate actions, in cooperation with the applicant, to ensure proper exploration and/or salvage.

Prior to the release of the grading bond the applicant shall submit the paleontologist's follow up report for approval by the Manager, Permit Services. The report shall include the period of inspection, a catalogue and analysis of the fossils found, and the present repository of the fossils. Applicant shall prepare excavated material to the point of identification, and offer excavated finds for curatorial purposes to the County of Orange, or its designee, on a first refusal basis. These actions, as well as final mitigation and disposition of the resources, shall be subject to approval by Manager, Permit Services. Applicant shall pay curatorial fees if an applicable fee program has been adopted by the Board of Supervisors, and such fee program is in effect at the time of presentation of the materials to the County of Orange or its designee, all in a manner meeting the approval of the Manager, Permit Services.

DISPOSITION OF DATA

This report will be filed with the County of Orange, BonTerra Psomas, and the SCCIC. All field notes and other documentation related to the study are on file at BonTerra Psomas.

1.0 UNDERTAKING INFORMATION/INTRODUCTION

1.1 CONTRACTING DATA

This report presents the results of the Phase I Cultural Resources Inventory and provides mitigation measures to reduce the impact of the Project on cultural resources to a less than significant level.

1.2 UNDERTAKING

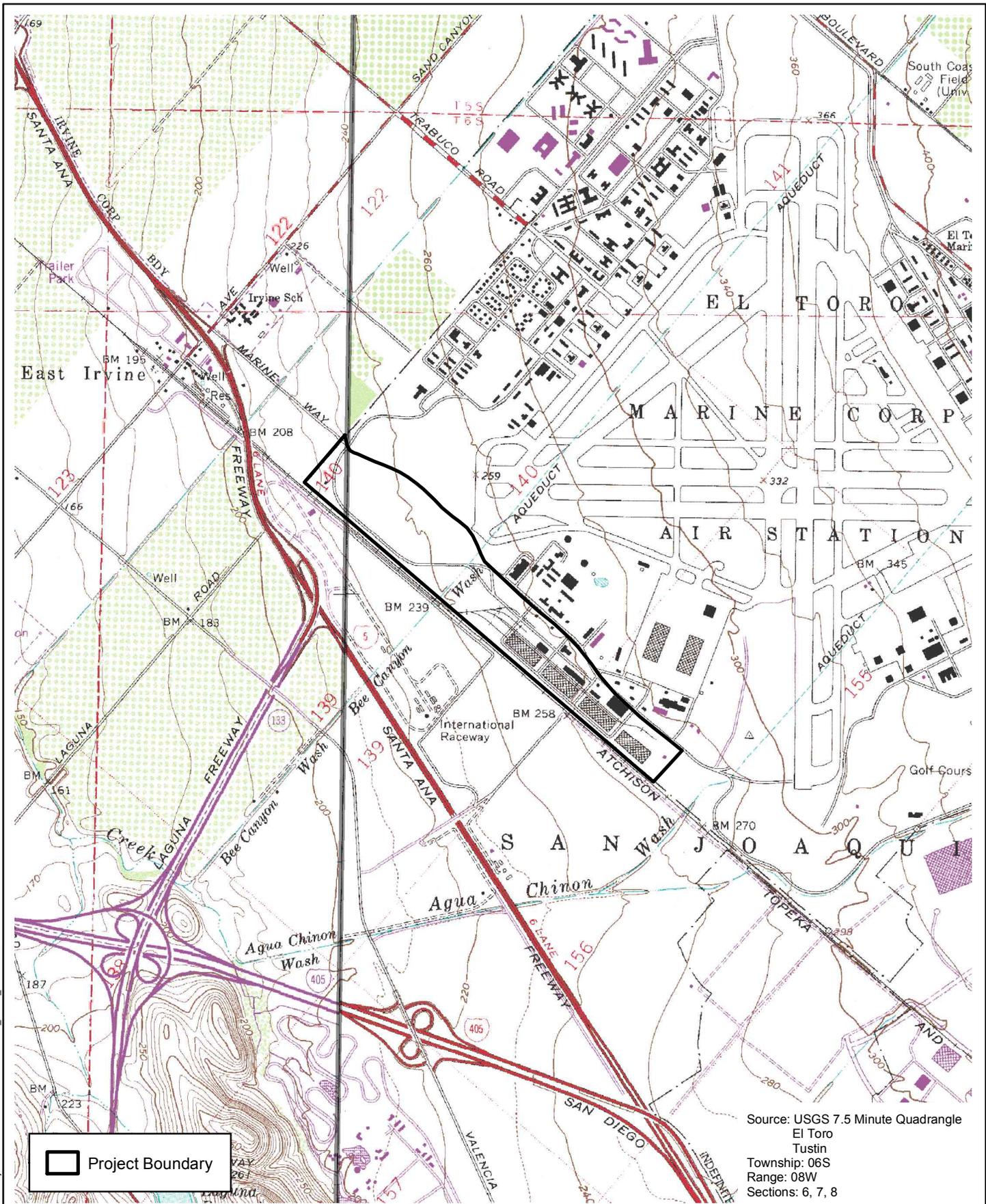
The Project proposes a mixed-used, low-impact development (LID) that will maximize the benefit derived from proximity to the Irvine Station. Proposed uses include multi-use office uses (1,876,000 square feet); 2,103 dwelling units; Community Commercial uses (220,000 square feet); and a hotel (242 rooms). A development plan will be processed that provides development guidelines. Once approved by the County of Orange, the City of Irvine will be requested to process a General Plan Amendment (for modification on Table A-1 of the Land Use Element) and a zone change to designate the site 8.1C in the Trails and Transit Oriented Development zone.

1.3 AREA OF POTENTIAL EFFECTS

Exhibit 1 depicts the Project site on the U.S. Geological Survey's (USGS') El Toro and Tustin, CA 7.5-minute Quadrangles; Sections 6, 7, and 8; Township 6 South; Range 8 West; San Bernardino Base Meridian.

1.4 PROJECT PERSONNEL

The cultural resources study was completed by Patrick O. Maxon, M.A., RPA, David M. Smith, and Megan Larum. Mr. Smith completed the cultural field survey and co-authored this report (Personnel Qualifications can be found in Attachment D). The format of this report follows *Archaeological Resource Management Reports (ARMR): Recommended Contents and Format* (Office of Historic Preservation 1990). Paleontologist Mark A. Roeder reviewed the paleontological literature and records searches, completed a field survey, and prepared the technical report.



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 Project Boundary

Source: USGS 7.5 Minute Quadrangle
 El Toro
 Tustin
 Township: 06S
 Range: 08W
 Sections: 6, 7, 8

Project Site

El Toro Development Plan

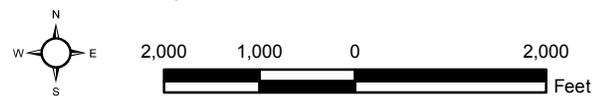


Exhibit 1



2.0 REGULATORY SETTING

This section contains a discussion of the applicable laws, ordinances, regulations, and standards that govern cultural resources and must be adhered to both prior to and during Project implementation. This report is intended to satisfy the requirements of the California Environmental Quality Act (CEQA) regulations (*California Public Resources Code* [PRC] §21083.2) and the State CEQA Guidelines (*California Code of Regulations* [CCR], Title 14, §15064.5).

2.1 CALIFORNIA REGISTER OF HISTORICAL RESOURCES

CEQA requires a lead agency to determine whether a project will have a significant effect on one or more historical resources. According to Section 15064.5(a) of the State CEQA Guidelines, a “historical resource” is defined as a resource listed in or determined to be eligible for listing in the California Register of Historical Resources (CRHR) (PRC §21084.1); a resource included in a local register of historical resources (14 CCR 15064.5[a][2]); or any object, building, structure, site, area, place, record, or manuscript that a lead agency determines to be historically significant (14 CCR 15064.5[a][3]).

The basic guidelines that were used for the cultural resources study were Section 5024.1 of the PRC; Section 15064.5 of the State CEQA Guidelines (14 CCR); and Sections 21083.2 and 21084.1 of the CEQA Statutes. PRC 5024.1 requires evaluation of historical resources to determine their eligibility for listing on the CRHR. The purpose of the CRHR is to maintain a list of the State’s historical resources and to indicate which properties are to be protected from substantial adverse change. The criteria for listing resources in the CRHR, which were expressly developed to be in accordance with previously established criteria developed for listing in the NRHP (per the criteria listed at 36 CFR 60.4), are stated below.

The quality of significance in American history, architecture, archaeology, engineering and culture is present in districts, sites, buildings, structures, and objects that possess integrity of location, design, setting, materials, workmanship, feeling and association and that:

- (1) Are associated with events that have made a significant contribution to the broad patterns of local or regional history or the cultural heritage of California or the United States; or
- (2) Are associated with the lives of persons important to local, California, or national history; or
- (3) Embody the distinctive characteristics of a type, period, region, or method of construction, or that represent the work of a master, or that possess high artistic values; or
- (4) Has yielded, or has the potential to yield, information important to the prehistory or history of the local area, California or the nation.

In addition, according to Section 15064.5(a)(3)(A–D) of the State CEQA Guidelines (14 CCR), a resource is considered historically significant if it meets the criteria for listing in the NRHP (per the criteria listed at 36 CFR 60.4). Impacts that affect those characteristics of the resource that qualify it for the NRHP or that would adversely alter the significance of a resource listed in or eligible for listing in the CRHR are considered to have a significant effect on the environment. Impacts to cultural resources from a proposed project are thus considered significant if the project (1) physically destroys or damages all or part of a resource; (2) changes the character of the use of the resource or physical feature within the setting of the resource that contributes to its

significance; or (3) introduces visual, atmospheric, or audible elements that diminish the integrity of significant features of the resource.

The purpose of a cultural resources investigation is to evaluate whether any cultural resources remain exposed on the surface of the project site or can reasonably be expected to exist in the subsurface. If resources are discovered, management recommendations would be required for evaluation of the resources for NRHP or CRHR eligibility.

2.2 HUMAN REMAINS

Section 7050.5 of the *California Health and Safety Code* provides for the disposition of accidentally discovered human remains. Section 7050.5 states that, if human remains are found, no further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent remains shall occur until the County Coroner has determined the appropriate treatment and disposition of the human remains.

Section 5097.98 of the PRC states that, if remains are determined by the Coroner to be of Native American origin, the Coroner must notify the NAHC within 24 hours which, in turn, must identify the person or persons it believes to be the most likely descended from the deceased Native American. The descendants shall complete their inspection within 48 hours of being granted access to the site. The designated Native American representative would then determine, in consultation with the property owner, the disposition of the human remains.

3.0 **CULTURAL BACKGROUND**

3.1 **PREHISTORIC BACKGROUND**

Several chronologies are generally used to describe the sequence of the later prehistoric periods of Southern California. William Wallace (1955) developed the first comprehensive California chronologies and defines four periods for the southern coastal region.

Wallace's synthesis is largely "descriptive and classificatory, emphasizing the content of archaeological cultures and the relationships among them" (Moratto 1984:159). Wallace relies upon the concept of "cultural horizons", which are generally defined by the temporal and spatial distribution of a set of normative cultural traits, such as the distribution of a group of commonly associated artifact types. As a result, his model does not allow for much cultural variation within the same time period, nor does it provide precise chronological dates for each temporal division. Nonetheless, although now more than 50 years old, the general schema of the Wallace chronology has provided a general framework for Southern California prehistory that remains valid today.

Horizon I: Early Man or Paleo-Indian Period (11,000 BCE¹ to 7,500 BCE). While Wallace (1955) initially termed this period the Early Man Horizon (I), this early stage of human occupation is commonly referred to as the Paleo-Indian Period today (Chartkoff and Chartkoff 1984:24). The precise start of this period is still a topic of considerable debate. At inland archaeological sites, the surviving material culture of this period is primarily lithic, consisting of large, extremely well made stone projectile points and tools such as scrapers and choppers. Encampments were probably temporary, located near major kills or important resource areas.

Horizon II: Milling Stone Assemblages (7,500 BCE to 1,000 BCE). Encompassing a broad expanse of time, the Milling Stone Period was named for the abundant millingstone tools associated with sites of this period. These tools, the mano and metate, were used to process small, hard seeds from plants associated with shrub-scrub vegetation communities. An annual round of seasonal migrations was likely practiced, with movements coinciding with ripening vegetal resources and the periods of maximal availability of various animal resources. Along the coast, shell midden sites are common site types. Some formal burials, occasionally with associated grave goods, are also evident. This period of time is roughly equivalent to Warren's (1968) Encinitas Tradition. Warren (1968) suggests that, as millingstones are common and projectile points are comparatively rare during this period of time, hunting was less important than the gathering of vegetal resources.

More recent studies (Koerper 1981; Koerper and Drover 1983) suggest that a diversity of subsistence activities, including hunting of various game animals, were practiced during this period. At present, little is known about cultural change during this time period within Southern California. While this lack of noticeable change gives the appearance of cultural stasis, almost certainly many regional and temporal cultural shifts did occur. Future research that is focused on temporal change during the Milling Stone Period would greatly benefit the current understanding of Southern California prehistory.

Horizon III: Intermediate Cultures (1,000 BCE to 750 CE²). The Intermediate Period is identified by a mixed strategy of plant exploitation, terrestrial hunting, and maritime subsistence strategies. Chipped stone tools, such as projectile points, generally decrease in size, but increase in number.

¹ BCE is defined as "Before Common Era" and generally refers to that time period commonly referred to as "Before Christ" (B.C.).

² CE is defined as "Common Era" and generally refers to that time period commonly referred to as "annō Domini" (A.D.).

Abundant bone and shell remains have been recovered from sites dating to these time periods. In coastal areas, the introduction of the circular shell fishhook and the growing abundance of fish remains in sites over the course of the period suggest a substantial increase in fishing activity during the Intermediate Horizon. It is also during this time period that mortar and pestle use intensified dramatically. The mano and metate continued to be in use on a reduced scale, but the greatly intensified use of the mortar and pestle signaled a shift away from a subsistence strategy based on seed resources to that of the acorn. It is probably during this time period that the acorn became the food staple of the majority of the indigenous tribes in Southern California. This subsistence strategy continued until European contact. Material culture became more diverse and elaborate and included steatite containers, perforated stones, bone tools, ornamental items, and asphalt adhesive.

Horizon IV: Late Prehistoric Cultures (750 CE to 1769 CE). During the Late Prehistoric Period, exploitation of many food resources, particularly marine resources among coastal groups, continued to intensify. The material culture in the Late Prehistoric Horizon increased in complexity in terms of the abundance and diversity of artifacts being produced. The recovery and identification of a number of small projectile points during this period likely suggests a greater utilization of the bow and arrow, which was likely introduced near the end of the Intermediate Period. Shell beads, ornaments, and other elements of material culture continue to be ornate, varied, and widely distributed; the latter evidence suggests elaborate trade networks. Warren's (1968) scheme divides the late prehistoric period into several regional traditions. Western Riverside County, Orange County, and the Los Angeles Basin area are considered part of the "Shoshonean" tradition, which may be related to a possible incursion of Takiic speakers into these areas during this period. The Late Prehistoric Period includes the first few centuries of early European contact (1542–1769 CE); it is also known as the Protohistoric Period as there was a low level of interaction between native Californians and Europeans prior to Portolá's overland expedition in 1769.

In the few centuries prior to European contact, the archaeological record reveals substantial increases in the indigenous population (Wallace 1955:223). Some village sites may have contained as many as 1,500 individuals. Apparently, many of these village sites were occupied throughout the year rather than seasonally. This shift in settlement strategy was likely influenced by improved food procurement and storage technology, which enabled population growth and may have helped stimulate changes in sociopolitical organization.

Evidence is growing that prehistoric cultural change has been much more variable through time and across culture areas than previously thought. Cultural traits such as maritime economies, seafaring, complex trade networks, and year-round occupation of villages appear to have developed much earlier than previously thought. Culture change during the Late Prehistoric Period, in particular, may have been driven more by environmental and resource pressures than optimal adaptation to the environment (Byrd and Raab 2007).

3.2 ETHNOGRAPHIC BACKGROUND

3.2.1 Gabrielino/Tongva

At the time of European contact, this part of Orange County was the home of the Gabrielino, or Tongva. The Gabrielino and their descendants are those people who became associated with Mission San Gabriel Arcángel, which was established in south-central Los Angeles County on September 8, 1771, in what has ever since been called the San Gabriel Valley. Today, these people are sometimes referred to as the *Tongva*, although the term apparently originally (i.e., before the arrival of Euro-Americans) referred to the inhabitants of the San Gabriel Valley only. In either case, the inhabitants of Santa Catalina Island and San Clemente Island are often included as being parts of this tribe, as are the Fernandeano, who inhabited most of the San Fernando

Valley. Note that Chester King distinguishes between the *Eastern Gabrielino*, who lived south of the San Gabriel Mountains, mainly in the San Gabriel Valley, and the *Western Gabrielino*, who lived along the western coast of Los Angeles County, from Malibu to Palos Verdes, and included the people living in the San Fernando Valley (King 2003:14).

The ancestral Gabrielino arrived in the Los Angeles Basin probably before 500 BCE as part of the so-called Shoshonean (Takic speaking) Wedge from the Great Basin region and gradually displaced the indigenous peoples, probably Hokan speakers. Large, permanent villages were established in the fertile lowlands along rivers and streams and in sheltered areas along the coast. Eventually, Gabrielino territory encompassed the watersheds of the Los Angeles, San Gabriel, Rio Hondo, and Santa Ana Rivers, which includes the greater Los Angeles Basin, to perhaps as far south as Aliso Creek, as well as portions of the San Fernando, San Gabriel, and San Bernardino Valleys. Gabrielino territory also included the islands of San Clemente, San Nicholas, and Santa Catalina (McCawley 1996: 23–24; Bean and Smith 1978:538–540). Recent studies suggest the population may have numbered as many as 10,000 individuals at their peak in the Precontact Period.

The subsistence economy of the Gabrielino was one of hunting and gathering. The surrounding environment was rich and varied, and the natives were able to exploit mountains, foothills, valleys, deserts, and coasts. As was the case for most native Californians, acorns were the staple food (by the Intermediate Horizon), supplemented by the roots, leaves, seeds, and fruit of a wide variety of flora (i.e., cactus, yucca, sage, and agave). Fresh and saltwater fish, shellfish, birds, insects, and large and small mammals were exploited.

A wide variety of tools and implements were employed by the Gabrielino to gather, collect, and process food resources. The most important hunting tool was the bow and arrow. Traps, nets, blinds, throwing sticks, and slings were also employed. Fish were an important resource and nets, traps, spears, harpoons, hooks, and poisons were utilized to catch them. Ocean-going plank canoes and tule balsa canoes were used for fishing and for travel by those groups residing near the Pacific Ocean.

The processing of food resources was accomplished in a variety of ways: nuts were cracked with hammer stone and anvil; acorns were ground with mortar and pestle; and seeds and berries were ground with mano and metate. Yucca, an important resource in many areas, was eaten by the natives and exploited for its fibers.

Strainers, leaching baskets and bowls, knives, bone saws, and wooden drying racks were also employed. Food was consumed from a variety of vessels. Catalina Island steatite was used to make ollas and cooking vessels.

Gabrielino houses were circular domed structures of willow poles thatched with tule. They were actually quite large and could, in some cases, hold 50 individuals. Other structures served as sweathouses, menstrual huts, and ceremonial enclosures (Bean and Smith 1978).

Kroeber (1925:621) considered the Gabrielino:

. . . to have been the most advanced group south of Tehachapi, except perhaps the Chumash. They certainly were the wealthiest and most thoughtful of all the Shoshoneans of the State, and dominated these civilizationally wherever contacts occurred.

4.0 MARINE CORPS AIR STATION EL TORO

The Project area is within the southern boundary of the former Marine Corps Air Station (MCAS) El Toro. Although the MCAS El Toro vicinity had been used for agriculture or ranching throughout much of the 19th and early 20th centuries, all known historic period cultural resources on the site are related to military use of the facility. Construction of the MCAS El Toro began in August 1942, after condemnation of 2,323 acres of the Irvine Ranch. Runways were completed by December of that year, and squadron hangars, barracks, and bachelor officer's quarters soon thereafter. After World War II, the facility was retained as a fully operational MCAS, and many of the buildings were rehabilitated or transformed to permanent or semi-permanent status. The most extensive construction at the facility took place in 1954, with the arrival of the 3rd Marine Air Wing, the mainstay of activities at the facility. Hundreds of new families arrived, and much of the construction during 1954 was for housing. During the Vietnam conflict, the hangar facilities were modernized, and major new barrack construction was initiated to handle increasing numbers of personnel. Activity again increased during the 1980s, and recently MCAS El Toro was used as a staging area for Marines en route to regional conflicts worldwide. MCAS El Toro was still quite active and continued to develop until 1993, when it was included in the base closure recommendations (MCAS El Toro 2002). There are several existing structures on the site but these facilities are no longer in use. Based on an assessment completed in July 2009, most of the existing buildings were found to be dilapidated and beyond repair. One building, known as Building 317 appears to maintain structural integrity and has potential for reuse (County of Orange 2014). The Second Harvest Food Bank warehouse, (known as Building 319), which is surrounded by the Project on three sides is still in use.

5.0 METHODS

5.1 CULTURAL RESOURCES RECORDS SEARCH

A cultural resources records search was conducted for the Project by David M. Smith at the South Central Coastal Information Center (SCCIC) at California State University, Fullerton on February 25, 2015 (Attachment A). The SCCIC is the designated branch of the California Historical Resources Information System (CHRIS) for the Project area and houses records concerning archaeological and historic resources in Los Angeles, Ventura, and Orange Counties. The review consisted of an examination of the U.S. Geological Survey (USGS) El Toro and Tustin, California 7.5-minute quadrangles to determine if any cultural resources studies had been conducted on or within a ½-mile radius of the parcel. The records search provided data on recorded archaeological and built environment resources on or within ½-mile of the Project site. Sources consulted at the SCCIC included archaeological records, Archaeological Determinations of Eligibility, historic maps, and the Historic Property Data File (HPDF) maintained by the California Office of Historic Preservation. The HPDF contains listings for the CRHR and/or NRHP, California Historical Landmarks, and California Points of Historical Interest. An updated records search was conducted at the SCCIC on September 14, 2016 (Attachment A).

5.1 PALEONTOLOGICAL LITERATURE REVIEW

The literature review for this study included an examination of the geologic maps for the Project site. The literature review encompasses the entire project footprint and included a one-mile buffer around the Project site. Review included previous geologic mapping of the area. In addition to the reviewed published geologic maps, technical reports provided the basis from which the regional and project-specific geology was derived for this project.

Pertinent published literature and unpublished manuscripts with regards to the geology and paleontology of central Orange County and were also reviewed for this project. In the process of conducting the background literature review, existing paleontological resource data (including

such published resources as books, journals, and geologic maps, as well as information available via the internet on government websites) were consulted. Furthermore, an online database search was conducted to identify previous paleontological resource assessments conducted within the boundaries of the project site and the surrounding areas.

Jefferson (2008) catalogue of Quaternary vertebrates of California was consulted.

5.2 PALEONTOLOGICAL RESOURCES RECORDS SEARCH

A paleontological resources records search and literature review was conducted by Dr. Samuel A. McLeod at the Los Angeles County Natural History Museum (LACNHM) on March 26, 2015 (Attachment B).

5.3 NATIVE AMERICAN SACRED LANDS FILE REVIEW

An inquiry was made on March 10, 2015, of the Native American Heritage Commission (NAHC) to request a review of the Sacred Lands File database regarding the possibility of Native American cultural resources and/or sacred places in the Project vicinity that are not documented on other databases. The NAHC responded on March 23, 2015, and provided a list of Native American groups and individuals who may have knowledge regarding Native American cultural resources not formally listed on any database. Tribes and individuals were mailed an informational letter on March 24, 2015, which describes the Project and requests any information regarding resources that may exist on or near the Project site (Attachment C).

5.4 CULTURAL RESOURCES SURVEY

An archaeological survey of the property was conducted by David M. Smith, BonTerra Psomas Senior Archaeologist, on February 27, 2015. The parcel was accessed via Marine Way from Sand Canyon Avenue. Where possible, transects were walked at 15-meter (50-foot) intervals.

5.5 PALEONTOLOGICAL RESOURCES SURVEY

An paleontological resources survey of the property was conducted by Mark A. Roeder, BonTerra Psomas Senior Paleontologist, on May 5, 2015. The parcel was accessed via Marine Way from Sand Canyon Avenue.

6.0 RESULTS

6.1 CULTURAL RESOURCES RECORDS SEARCH

Archaeological Inventory

Studies

The literature review conducted on February 25, 2015, identified 40 cultural resources studies undertaken within ½ mile of the Project site. Four of these studies included at least a portion of the Project site (Table 1). None of these studies resulted in the identification of any cultural resources on the subject property.

**TABLE 1
CULTURAL RESOURCES STUDIES COMPLETED WITHIN
½ MILE OF THE PROJECT SITE**

Report Number	Recorder/Year	Type of Study	Located on the Project Site
OR-00008	Gothold and Maguire 1973	Pacific Coast Archaeological Society Survey Along the North Side of the San Diego Freeway	No
OR-00586	Douglass 1980	Assessment of Cultural/Scientific Resources, Village 12, SCE HVTL Relocation, Irvine, California	No
OR-00655	Cottrell 1980	n/a	No
OR-00754	Padon 1984	Cultural Resource Assessment, Irvine Center Project, Orange County, California	No
OR-00756	Brock 1985	Results of Archaeological and Paleontological Grading Monitoring for the Newport Financial Square Project, 1601 Avocado Avenue, Newport Center, Newport Beach, California	No
OR-00771	Padon 1985	Archaeological Assessment of the Irvine Technology Center of Irvine	No
OR-00784	Cady 1985	Historic Property Survey – Negative Findings	No
OR-00787	Padon 1985	Archaeological and Paleontological Monitoring for the Irvine Center Project	No
OR-00808	Unknown 1979	Final Environmental Impact Report Regional Domestic Water Storage Transmission Facilities from Diemer/Sac and Wellfield Systems to Existing Distribution Network	No
OR-00814	Romani 1982	Historic Property Survey Route I-5 Santa Ana Transportation Corridor, Route 405 in Orange County to Route 605 in Los Angeles County PM 21.30/44.38; 0.00/6.85	No
OR-00847	Padon 1985	Archaeological Resource Inventory City of Irvine and its Sphere of Influence	Yes
OR-00906	Padon and Jertberg 1988	Cultural Resources Report for the San Diego Creek Drainage Basin Project Level Facilities Orange County	No
OR-00972	Jertberg 1989	Archaeological and Paleontological Monitoring at Spectrum I Parcel #87-212	No
OR-00991	Jertberg 1989	Archaeological and Paleontological Monitoring at Multi-Modal Transportation Center	No
OR-01098	Padon 1991	Cultural/Scientific Resources Assessment for Planning Area 13	No

TABLE 1
CULTURAL RESOURCES STUDIES COMPLETED WITHIN
½ MILE OF THE PROJECT SITE

Report Number	Recorder/Year	Type of Study	Located on the Project Site
OR-01099	Cooley 1979	Archaeological Resources Assessment Conducted for Proposed Irvine Ranch Water District Pipeline Right of Ways	No
OR-01402	Brock 1994	Cultural Resources Assessment for the Irvine Desalter Project, Irvine, California	No
OR-01413	Whitney-Desautels and Kice 1993	Cultural Resources Assessment of the Irvine Ranch Water District Alternate Aqueous Waste Disposal Facility Sites, Orange County, California	Yes
OR-01419	Strudwick and Sturm 1994	Cultural Resources Assessment – Planning Area 12, City of Irvine, Orange County, California	No
OR-01422	Padon 1994	An Archaeological Assessment of a Portion of Planning Area 12, City of Irvine, USGS Tustin Quadrangle, 30 Acres	No
OR-01522	Alexandrowicz, Knell, and Kuhner 1994	Historic Preservation Investigations for the Federal Courthouse Project, City of Santa Ana, County of Orange, California	No
OR-01844	Webb 1991	Request for Finding of Effect for the Proposed Eastern Transportation Corridor	No
OR-01902	Unknown 1985	Historic Property Survey 07ORA-133	No
OR-01941	1999 Padon	Archaeological and Paleontological Monitoring of Preliminary Grading for Jack-In-The-Box Restaurant 3278, Permit No. 34126 CCG, Irvine, California	No
OR-02267	Hunt 2000	An Archaeological and Paleontological Survey of the Irvine Spectrum GPA Project	No
OR-02337	Demcak and Velechovsky 2000	Final Report on Archaeological and Paleontological Monitoring Program Conducted at Spectrum 6, City of Irvine, Orange County, California	No
OR-02366	Demcak 2000	Report of Phase I Archaeological Assessment for Proposed Tomlinson Park Project, City of Brea, Orange County, California	No
OR-02484	Velechovsky, Milos, and Demcak 2001	Final Report on Archaeological and Paleontological Monitoring Program Conducted at Spectrum 6, Marshburn Wash, City of Irvine, Orange County, California	No
OR-02649	Allen 1997	Archaeological Survey Report Marine Corps Air Station, El Toro	No
OR-03266	Drover 2001	Archaeological Testing and Evaluation of CA-ORA-904, CA-ORA-1011, CA-ORA-1069, CA-ORA-1525, and CA-ORA-1528, Planning Area 17, Irvine California	No
OR-03277	Casen, Romani, and Webb 1985	The Proposed Project is the Widening and General Improvement of Interstate Route 5 Between Route 405 and Route 55 in Orange County, California	No
OR-03285	Fulton and McLean 2006	Archaeological Mitigation Monitoring Report for the Irvine Desalter Pipelines Project	No

**TABLE 1
CULTURAL RESOURCES STUDIES COMPLETED WITHIN
½ MILE OF THE PROJECT SITE**

Report Number	Recorder/Year	Type of Study	Located on the Project Site
OR-03355	Marvin 2005	Historical Resources Evaluation Report for the Interstate 5/s and Canyon Avenue Interchange Improvement Project, City of Irvine, Orange County, California	No
OR-03373	Arrington and Sikes 2006	Cultural Resources Final Report of Monitoring and Findings for the Qwest Network Construction Project State of California: Volumes I and II	No
OR-03380	Padon 2007	Cultural Resource Assessment for Traveland Project, Irvine, Orange County	No
OR-03392	Strudwick 2004	Cultural Resources Survey of the Proposed Irvine Desalter Project, City of Irvine, Orange County, California	Yes
OR-03825	Drover 2000	A Cultural Resources Inventory of Planning Area 9B and C, Irvine, California	No
OR-04084	Fulton and McLean 2005	Cultural Resource Assessment of 22 Natural Treatment System Facility Sites Within the San Diego Creek Watershed – Natural Treatment System Project, Irvine Ranch Water District, Orange County, California	Yes
OR-04223	Flynn 2011	Notification of Finding of No Adverse Effect with Standard Conditions for the Bridge Deck Maintenance and Sealing at 30 Locations Throughout Orange County, California	No
OR-04362	Shinn 1990	Cultural Resources Literature Review of the Irvine Desalter Study Area	No

Previously Recorded Sites

The SCCIC literature review undertaken on February 25, 2015, showed that two cultural resources sites have been recorded within ½-mile of the Project site.

**TABLE 2
CULTURAL RESOURCES SITES WITHIN ½ MILE OF THE PROJECT SITE**

Site Number	Recorder/Year	Description	Within Project Area
P-30-176663	McCormick 2007	AT&SF Railway	No
CA-ORA-1660	unknown	Sparse lithic scatter	No

Of the two sites recorded within ½ mile of the Project area, one (CA-ORA 1660) is no longer in existence. The other site (P30-176663), is the Atchison, Topeka, and Santa Fe (AT&SF) Railway located just south of the southern boundary of the Project site. The railway was initially constructed in the late 19th century, but remains operational today. Consequently, maintenance and upkeep necessary to keep the line operational has significantly altered the historic integrity of the line and its associated features. The line does not appear to be eligible for listing on the NRHP (McCormick 2007).

As previously discussed, the DoN has determined that all structures remaining in the Project area that were a part of the former MCAS El Toro are not eligible for the NRHP or for Cold War Legacy status. The California SHPO concurred with this finding in 1998. Therefore, the built environment that still exists on the parcel will be given no further consideration.

6.2 UPDATED CULTURAL RESOURCES RECORDS SEARCH

Archaeological Inventory

Studies

An updated records search and literature review was conducted on September 14, 2016. The updated review identified 48 cultural resources studies undertaken within ½ mile of the Project site. Five of these studies included at least a portion of the Project site (Table 3). None of these studies resulted in the identification of any cultural resources on the subject property.

**TABLE 3
CULTURAL RESOURCES STUDIES COMPLETED WITHIN
½ MILE OF THE PROJECT SITE**

Report Number	Recorder/Year	Type of Study	Located on the Project Site
OR-00847	Padon 1985	Archaeological Resource Inventory City of Irvine and its Sphere of Influence	Yes
OR-01413	Whitney-Desautels and Kice 1993	Cultural Resources Assessment of the Irvine Ranch Water District Alternate Aqueous Waste Disposal Facility Sites, Orange County, California	Yes
OR-02649	Allen 1997	Archaeological Survey Report Marine Corps Air Station, El Toro	Yes
OR-03392	Strudwick 2004	Cultural Resources Survey of the Proposed Irvine Desalter Project, City of Irvine, Orange County, California	Yes
OR-04084	Fulton and McLean 2005	Cultural Resource Assessment of 22 Natural Treatment System Facility Sites Within the San Diego Creek Watershed – Natural Treatment System Project, Irvine Ranch Water District, Orange County, California	Yes

Previously Recorded Sites

The updated SCCIC literature review undertaken on September 14, 2016, showed that two cultural resources sites have been recorded within ½-mile of the Project site (Table 4).

**TABLE 4
CULTURAL RESOURCES SITES WITHIN ½ MILE OF THE PROJECT SITE**

Site Number	Recorder/Year	Description	Within Project Area
P-30-176663	McCormick 2007	AT&SF Railway	No
CA-ORA-1660	unknown	Sparse lithic scatter	No

Of the two sites recorded within ½ mile of the Project area, one (CA-ORA 1660) is no longer in existence. The other site (P30-176663), is the Atchison, Topeka, and Santa Fe (AT&SF) Railway located just south of the southern boundary of the Project site. The railway was initially constructed in the late 19th century, but remains operational today. Consequently, maintenance and upkeep necessary to keep the line operational has significantly altered the historic integrity of the line and its associated features. The line does not appear to be eligible for listing on the NRHP (McCormick 2007).

As previously discussed, the DoN has determined that all structures remaining in the Project area that were a part of the former MCAS El Toro are not eligible for the NRHP or for Cold War Legacy status. The California SHPO concurred with this finding in 1998. Therefore, the built environment that still exists on the parcel will be given no further consideration.

6.3 PALEONTOLOGICAL LITERATURE SEARCH

Regional Geology

The Project area is part of the Peninsular Ranges geomorphic province. The province is a series of mountain ranges separated by northwest trending valleys, subparallel to faults branching from the San Andreas Fault. The trend of the topography is similar to the Coast Ranges, but instead of being composed of sedimentary rocks, the Peninsular Ranges are more like the Sierra Nevada with granitic rocks intruding older metamorphic rocks. The Los Angeles Basin which includes the Project area is in this province.

Project Geology

The geology of the Project area can be seen in Exhibit 2. The area is underlain by one surficial sedimentary rock unit: Quaternary young alluvial fan deposits (Qyf) (Morton and Miller 2006; Bedrossian and Roffers 2012).

Quaternary Gravel (Qyf)

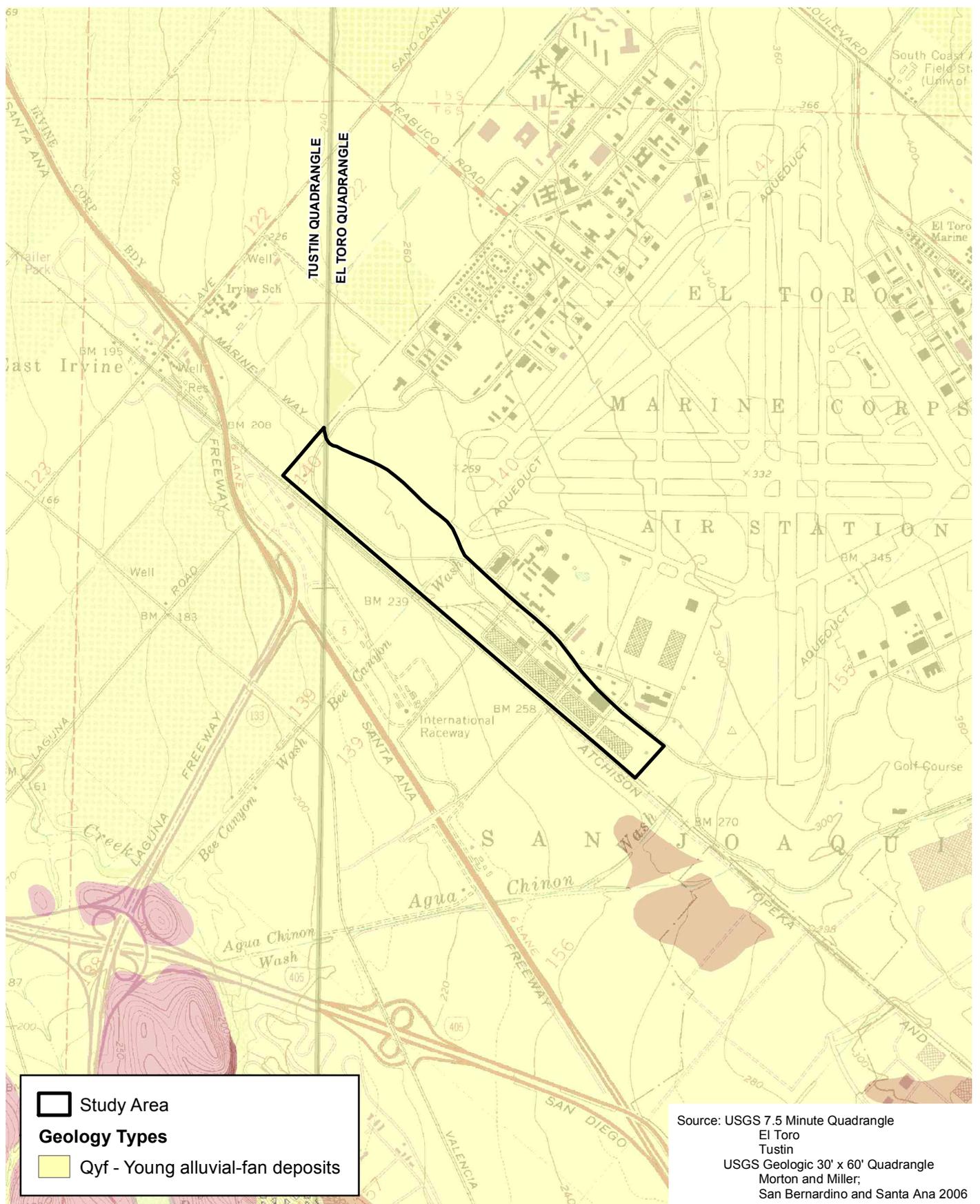
All of the Project is underlain by Quaternary young alluvial fan deposits (Qyf) (Miller and Morton 2006; Bedrossian and Roffers 2012; Exhibit 2), which consists of sand, silt, clay, and gravel deposited in this area from the erosion of the nearby foothills. Although very young in surface and at shallow depth, these sediments increase in age at deeper levels. From excavations in similar Late Pleistocene aged sediments, remains of large extinct mammals such as Columbian mammoth, mastodon, ground sloth, tapir, horse, camel, dire wolf, saber-tooth cat, and American lion were recovered (Jefferson 2008; Miller 1971) as well as remains of extant smaller fish, amphibians, reptiles, birds, and mammals.

6.4 PALEONTOLOGICAL RESOURCES RECORDS SEARCH

Dr. Sam McLeod of the NHMLAC responded to BonTerra Psomas' inquiry by letter on March 26, 2015. The letter states that, although there are no recorded fossil localities within the Project site, the NHMLAC has identified fossil localities farther afield from sedimentary deposits similar to those that occur subsurface in the Project area.

The entire Project area has surficial deposits composed of younger Quaternary alluvium, primarily derived as alluvial fan deposits from the hills to the east. These deposits typically do not contain significant vertebrate fossils, at least in the uppermost layers. In the very southeastern portion of the Project area there are older Quaternary terrace deposits at the surface, and older Quaternary deposits may underlie the younger Quaternary deposits in the remainder of the Project area.

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 Study Area
Geology Types
 Qyf - Young alluvial-fan deposits

Source: USGS 7.5 Minute Quadrangle
 El Toro
 Tustin
 USGS Geologic 30' x 60' Quadrangle
 Morton and Miller;
 San Bernardino and Santa Ana 2006

Geologic Map
El Toro Development Plan

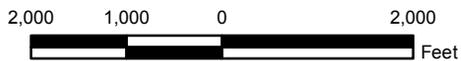


Exhibit 2



The closest fossil vertebrate locality from similar older Quaternary deposits is LACM 7867, northwest of the Project area near the intersection of C Street and 5th Street, which produced fossil specimens of pocket gopher, *Thomomys*, at a depth of 25 feet below the surface (bgs). The next closest vertebrate fossil from these deposits is LACM 7713, west-southwest of the Project area on the western side of the Laguna Freeway (State Route [SR] 133) at the southern end of the interchange with the San Diego Freeway (Interstate [I] 405), that produced a fossil specimen of ground sloth, *Myodontidae*, from unstated but shallow depth.

Grading or shallow excavations in the uppermost few feet of the younger Quaternary alluvial sediments in the Project area are unlikely to encounter significant fossil vertebrate remains. Deeper excavations in the Project area and any excavations in the older Quaternary terrace deposits in the southeastern portion of the Project area, however, may well encounter significant remains of vertebrate fossils in older Quaternary sediments. Any substantial excavations in the Project area, therefore, should be monitored closely to quickly and professionally recover any fossil remains while not impeding development. Sediment samples should also be collected and processed to determine the small fossil potential in the Project area. Any fossils collected should be placed in an accredited scientific institution for the benefit of current and future generations.

6.5 NATIVE AMERICAN SACRED LANDS FILE REVIEW

The NAHC Search of the Sacred Lands File on March 23, 2015, failed to identify the presence of Native American cultural resources on the Project site. In addition, the NAHC provided a list of Native American groups and individuals that may have knowledge of the religious and/or cultural significance of resources that may be in and/or near the Project site. The NAHC listed the following groups and individuals:

- Teresa Romero, Chairwoman, Juaneño Band of Mission Indians Acjachemen Nation
- Chairperson, Juaneño Band of Mission Indians Acjachemen
- Rebecca Robles, United Coalition to Protect Panhe (UCPP)
- Anita Espinoza, Juaneño Band of Mission Indians
- Adolph 'Bud' Sepulveda, Vice Chairperson, Juaneño Band of Mission Indians
- Sonia Johnston, Tribal Chairperson, Juaneño Band of Mission Indians
- Joyce Perry, Representing Tribal Chairperson, Juaneño Band of Mission Indians Acjachemen Nation

All individuals were mailed an informational letter on March 24, 2015, that describes the Project and requests any information regarding resources that may exist on or near the Project site.

All correspondence related to the Native American consultation for the Project is provided in Attachment C.

6.6 CULTURAL RESOURCES SURVEY

On February 27, 2015, David M. Smith, a BonTerra Psomas Senior Archaeologist, undertook a pedestrian survey of the property. Mr. Smith accessed the subject property via Marine Way from Sand Canyon Avenue. Most of the subject property was heavily overgrown with invasive species of grasses, scrub, and weeds. Visibility was estimated at less than ten percent overall with some areas completely obscured by vegetation.

Because of the significant groundcover, an opportunistic approach was used for the survey. This involved moving from one open area to another and avoiding densely overgrown areas on the property. Although visibility was limited, most of the western half of the property had sparse scatters of building demolition debris, consisting of heavily fragmented concrete, asphalt, and milled lumber; some unidentifiable rusted metal objects; and imported roadbed materials. These materials were interpreted as sparse remnants of objects, structures, or buildings that had either been located on the subject property, or moved there from another location. No diagnostic artifacts were observed anywhere on the subject property. Therefore, the sparse historical remains observed are of no importance and do not merit recordation.

6.7 PALEONTOLOGICAL RESOURCES SURVEY

On May 5, 2015, Mark A. Roeder, a BonTerra Psomas Senior Paleontologist, undertook a combination of windshield and pedestrian survey of the property. Mr. Roeder accessed the subject property via Marine Way from Sand Canyon Avenue. Most of the subject property was heavily vegetated and there were no areas to inspect the underlying geology. No paleontological resources were observed.

7.0 **MANAGEMENT CONSIDERATIONS**

7.1 **COUNTY OF ORANGE STANDARD CONDITIONS**

A01 **Archaeological Survey.** Prior to the issuance of the first grading permit, the applicant shall obtain approval from the Manager, Permit Services of a report on a literature and records search and field survey of the Project site. The applicant shall retain a County-certified archaeologist to complete the literature and records search for recorded sites and previous surveys. The archaeologist shall conduct a field survey unless the entire proposed project site has been documented as previously surveyed. If determined necessary by the archaeologist, the archaeologist shall prepare a report on a subsurface test level investigation of archaeological resources collection as appropriate. The applicant shall implement the mitigation measures recommended in this report in a manner meeting the approval of the Manager, Permit Services.

The test level report shall evaluate the site including discussion of significance (depth, nature, condition and extent of the resources), final mitigation recommendations and cost estimates. Applicant shall prepare excavated materials to the point of identification. The applicant shall offer excavated finds for curatorial purposes to the County of Orange, or its designee, on a first refusal basis. Applicant shall pay curatorial fees if an applicable fee program has been adopted by the Board of Supervisors, and such fee program is in effect at the time of presentation of the materials to the County of Orange or its designee, all in a manner meeting the approval of the Manager, Permit Services.

A02 **Archaeological Observation and Salvage.** Prior to the issuance of the first grading permit, the applicant shall provide written evidence to the Manager, Permit Services, that applicant has retained a County-certified archaeologist, to observe grading activities and salvage and catalogue archaeological resources as necessary. The archaeologist shall be present at the pre-grade conference, shall establish procedures for archaeological resource surveillance, and shall establish, in cooperation with the applicant, procedures for temporarily halting or redirecting work to permit the sampling, identification, and evaluation of the artifacts as appropriate. If the archaeological resources are found to be significant, the archaeological observer shall determine appropriate actions, in cooperation with the Project applicant, for exploration and/or salvage.

Prior to the release of the grading bond the applicant shall obtain approval of the archaeologist's follow-up report from the Manager, Permit Services. The report shall include the period of inspection, an analysis of any artifacts found and the present repository of the artifacts. The archaeologist shall prepare excavated material to the point of identification. Applicant shall offer excavated finds for curatorial purposes to the County of Orange, or its designee, on a first refusal basis. These actions, as well as final mitigation and disposition of the resources, shall be subject to the approval of the Manager, Permit Services. Applicant shall pay curatorial fees if an applicable fee program has been adopted by the Board of Supervisors, and such fee program is in effect at the time of presentation of the materials to the County of Orange or its designee, all in a manner meeting the approval of the Manager, Permit Services.

A03 Paleontological Survey. Prior to the issuance of the first grading permit, the applicant shall obtain approval from the Manager, Permit Services of a report on a literature and records search and field survey of the Project site. The applicant shall retain a County-certified paleontologist to complete the literature and records search for recorded sites and previous surveys. The paleontologist shall conduct a field survey unless the entire Project site has been documented as previously surveyed. If determined necessary by the paleontologist, the paleontologist shall prepare a report of the pre-grade paleontological salvage operation. The applicant shall implement the mitigation measures in the report in a manner meeting the approval of the Manager, Permit Services.

The report shall include methodology, an analysis of artifacts found, a catalogue of artifacts, and their present repository. The County-certified paleontologist shall prepare excavated materials to the point of identification. Applicant shall offer excavated finds for curatorial purposes to the County of Orange, or its designee, on a first refusal basis. Applicant shall pay curatorial fees if an applicable fee program has been adopted by the Board of Supervisors, and such fee program is in effect at the time of presentation of the materials to the County of Orange or its designee, all in a manner meeting the approval of the Manager, Permit Services.

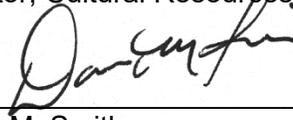
A04 Paleontological Observation and Salvage. Prior to the issuance of the first grading permit, the Project applicant shall provide written evidence to the Manager, Permit Services, that applicant has retained a County certified paleontologist to observe grading activities and salvage and catalogue fossils as necessary. The paleontologist shall be present at the pre-grade conference, shall establish procedures for paleontological resource surveillance, and shall establish, in cooperation with the applicant, procedures for temporarily halting or redirecting work to permit sampling, identification, and evaluation of the fossils. If the paleontological resources are found to be significant, the paleontologist shall determine appropriate actions, in cooperation with the applicant, to ensure proper exploration and/or salvage.

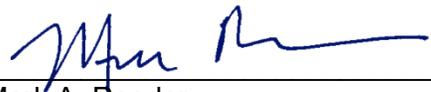
Prior to the release of the grading bond the applicant shall submit the paleontologist's follow up report for approval by the Manager, Permit Services. The report shall include the period of inspection, a catalogue and analysis of the fossils found, and the present repository of the fossils. Applicant shall prepare excavated material to the point of identification, and offer excavated finds for curatorial purposes to the County of Orange, or its designee, on a first refusal basis. These actions, as well as final mitigation and disposition of the resources, shall be subject to approval by Manager, Permit Services. Applicant shall pay curatorial fees if an applicable fee program has been adopted by the Board of Supervisors, and such fee program is in effect at the time of presentation of the materials to the County of Orange or its designee, all in a manner meeting the approval of the Manager, Permit Services.

I hereby certify that the statements furnished above and in the attached exhibits present the data and information required for this cultural resources report, and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief.

DATE: June 4, 2015

SIGNED: 
Patrick O. Maxon, M.A., RPA
Director, Cultural Resources

SIGNED: 
David M. Smith
Senior Archaeologist

SIGNED: 
Mark A. Roeder
Senior Paleontologist

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ATTACHMENT A
SCCIC RECORDS SEARCH

Report List

EI Toro 100 ac.

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
OR-00008		1973	Gothold, Jane and Maguire, John	Pacific Coast Archaeological Society Survey Along the North Side of the San Diego Freeway	Pacific Coast Archaeological Society Quarterly	
OR-00586		1980	Douglas, Ronald D.	Assessment of Cultural/scientific Resources, Village 12, Sce Hvtl Relocation, Irvine, California		30-000341
OR-00655		1980	Cottrell, Marie G.	Appendix C	Archaeological Resource Management Corp.	
OR-00754		1984	Padon, Beth	Cultural Resource Assessment, Irvine Center Project, Orange County, California	LSA Associates, Inc.	
OR-00756	Paleo -	1985	Brock, James P.	Results of Archaeological and Paleontological Grading Monitoring for the Newport Financial Square Project, 1601 Avocado Avenue, Newport Center, Newport Beach, California	Archaeological Advisory Group	
OR-00771		1985	Padon, Beth	Archaeological Assessment of the Irvine Technology Center of Irvine	Larry Seeman Associates, Inc.	
OR-00784		1985	Cady, R.L.	Historic Property Survey-negative Findings	Caltrans	
OR-00787	Paleo -	1985	Padon, Beth	Archaeological and Paleontological Monitoring for the Irvine Center Project	LSA Associates, Inc.	
OR-00808		1979	Unknown	Final Environmental Impact Report Regional Domestic Water Storage and Transmission Facilities From Diemer/sac and Wellfield Systems to Existing Distribution Network	Culp/Wesner,Culp	30-000344, 30-000349, 30-000382, 30-000383
OR-00814		1982	Romani, John F.	Historic Property Survey Route I-5 Santa Ana Transportation Corridor, Route 405 in Orange County to Route 605 in Los Angeles County Pm 21.30/44.38; 0.00/6.85	Caltrans	
OR-00847		1985	Padon, Beth	Archaeological Resource Inventory City of Irvine and its Sphere of Influence	LSA Associates, Inc.	30-000161, 30-000349, 30-000361, 30-000383, 30-000478, 30-000494, 30-000495, 30-000496, 30-000499, 30-000545, 30-000601, 30-000734, 30-000735, 30-000767, 30-000803, 30-000804, 30-000805, 30-000806, 30-000807, 30-000808
OR-00906		1988	Padon, Beth and Pat Jertberg	Cultural Resources Report for the San Diego Creek Drainage Basin Project Level Facilities Orange County,	LSA Associates, Inc.	

Report List

EI Toro 100 ac.

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
OR-00972	Paleo -	1989	Jertberg, Patricia R.	Archaeological and Paleontological Monitoring at Spectrum I Parcel #87-212	LSA Associates, Inc.	
OR-00991	Paleo -	1989	Jertberg, Patricia R.	Archaeological and Paleontological Monitoring at Multi-modal Transportation Center: Dear Steve:	LSA Associates, Inc.	
OR-01098		1991	Padon, Beth	Cultural/scientific Resources Assessment for Planning Area 13	LSA Associates, Inc.	
OR-01099		1979	Cooley, Theodore G.	Archaeological Resources Assessment Conducted for Proposed Irvine Ranch Water District Pipeline Right of Ways	Archaeological Resource Management Corp.	30-000344, 30-000349, 30-000382, 30-000383, 30-000556, 30-000647, 30-000806, 30-000807, 30-000808, 30-000809, 30-000810, 30-000811
OR-01402		1994	Brock, James P.	Cultural Resources Assessment for the Irvine Desalter Project, Irvine, California	Archaeological Advisory Group	
OR-01413		1993	Whitney-Desautels, Nancy A. and David A. Kice	Cultural Resources Assessment of the Irvine Ranch Water District Alternate Aqueous Waste Disposal Facility Sites, Orange County, California	Scientific Resource Surveys, Inc.	
OR-01419		1994	Strudwick, Ivan H. and Bradley Sturm	Cultural Resource Assessment - Planning Area 12, City of Irvine, Orange County, California	LSA Associates, Inc.	30-000543, 30-001304
OR-01422		1994	Padon, Beth	An Archaeological Assessment of a Portion of Planning Area 12, City of Irvine, USGS Tustin Quadrangle, 30 Acres	Petra Resources Inc.	
OR-01522		1994	Alexandrowicz, John S., S.R. Alexandrowicz, Edward Knell, and Arthur Kuhner	Historic Preservation Investigations for the Federal Courthouse Project, City of Santa Ana, County of Orange, California	Archaeological Consulting Services	30-001030, 30-001031, 30-001374, 30-001375, 30-001376, 30-001377, 30-001378, 30-001379, 30-001380
OR-01844		1991	Webb, Lois M.	Request for Finding of Effect for the Proposed Eastern Transportation Corridor	P&D Technologies	30-000303, 30-000478, 30-000770, 30-001068, 30-001238, 30-001241, 30-001246, 30-161858
OR-01902		1985		Historic Property Survey 07ORA-133	Caltrans	
OR-01941	Paleo -	1999	Padon, Beth	Archaeological and Paleontological Monitoring of Preliminary Grading for Jack-in-the-box Restaurant 3278, Permit No.34126 Ccg, Irvine, California	Discovery Works, Inc.	

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
OR-02267	Paleo -	2000	Hunt, Kevin P.	An Archaeological and Paleontological Survey of the Irvine Spectrum Gpa Project	Brian F. Smith and Associates	30-000161, 30-000341, 30-000391, 30-000432, 30-000495, 30-000499, 30-000551, 30-000602, 30-000768, 30-000769, 30-000904, 30-001011, 30-001034, 30-001069, 30-001110, 30-100297, 30-100298
OR-02337	Paleo -	2000	Demcak, Carol and Milos Velechovsky	Final Report on Archaeological and Paleontological Monitoring Program Conducted at Spectrum 6, City of Irvine, Orange County, California	Archaeological Resource Management Corp.	
OR-02366		2000	Demcak, Carol R.	Report of Phase 1 Archaeological Assessment for Proposed Tomlinson Park Project, City of Brea, Orange County, California	Archaeological Resource Management Corp.	
OR-02484	Paleo -	2001	Velechovsky, Milos and Carol R. Demcak	Final Report on Archaeological and Paleontological Monitoring Program Conducted at Spectrum 6, Marshburn Wash, City of Irvine, Orange County, California	ARMC	
OR-02649		1997	Allen, Rebecca	Archeological Survey Report Marine Corps Air Station, El Toro	KEA Environmental, Inc	30-000755, 30-000756, 30-000757, 30-000758, 30-000759, 30-000760, 30-000961, 30-001356, 30-001462
OR-03266		2001	Drover, Christopher E.	Archaeological Testing and Evaluation of CA-ORA-904, CA-ORA-1011, CA-ORA-1069, CA-ORA-1525, and CA-ORA-1528, Planning Area 17, Irvine, California	The Keith Companies Archaeological Division	30-000161, 30-000341, 30-000344, 30-000379, 30-000383, 30-000495, 30-000496, 30-000499, 30-000730, 30-000731, 30-000732, 30-000767, 30-000806, 30-000807, 30-000808, 30-000809, 30-000904, 30-001011, 30-001069, 30-001114, 30-001520, 30-001521, 30-001522, 30-001523, 30-001525, 30-001526, 30-001527, 30-001528
OR-03277		1985	Casen, George A., Romani, John, and Webb, Lois	The Proposed Project Is the Widening and General Improvement of Interstate Route 5 Between Route 405 and Route 55 in Orange County, California	Caltrans	
OR-03285		2006	Fulton, Terri and Deborah McLean	Archaeological Mitigation Monitoring Report for the Irvine Desalter Pipelines Project	LSA Associates, Inc.	
OR-03355		2005	Marvin, Judith	Historical Resources Evaluation Report for the Interstate 5/s and Canyon Avenue Interchange Improvement Project, City of Irvine, Orange County, California	LSA Associates, Inc.	

Report List

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
OR-03373		2006	Arrington, Cindy and Nancy Sikes	Cultural Resources Final Report of Monitoring and Findings for the Qwest Network Construction Project State of California: Volumes I and II	SWCA Environmental Consultants, Inc.	
OR-03380		2007	Padon, Beth	Cultural Resource Assessment for Traveland Project, Irvine, Orange County	Discovery Works, Inc.	30-000341, 30-000391, 30-000543, 30-001034
OR-03392		2004	Strudwick, Ivan H.	Cultural Resource Survey of the Proposed Irvine Desalter Project, City of Irvine, Orange County, California	LSA Associates, Inc.	19-000373
OR-03825		2000	Drover, Christopher	A Cultural Resources Inventory of Planning Area 9B and 9C, Irvine, California	The Keith Companies, Inc.	
OR-04084		2005	Fulton, Terri and Deborah McLean	Cultural Resource Assessment of 22 Natural Treatment System Facility Sites Within the San Diego Creek Watershed - Natural Treatment System Project, Irvine Ranch Water District, Orange County, California	LSA Associates	30-000064, 30-000121, 30-000161, 30-000195, 30-000221, 30-000222, 30-000226, 30-000287, 30-000341, 30-000361, 30-000387, 30-000391, 30-000495, 30-000602, 30-000729, 30-000811, 30-001070, 30-001238, 30-001356, 30-001424, 30-001457, 30-001462, 30-176641
OR-04223		2011	Flynn, Chris	Notification of Finding of No Adverse Effect with Standard Conditions for the Bridge Deck Maintenance and Sealing at 30 Locations Throughout Orange County, California	Department of Transportation	
OR-04362		1990	Shinn, Juanita R.	Cultural Resources Literature Review of the Irvine Desalter Study Area	RMW Paleo Associates, Inc.	30-000341, 30-000373, 30-000391

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PROPERTY-NUMBER	PRIMARY-#	STREET-ADDRESS.....	NAMES.....	CITY.NAME.....	OWN	YR-C	OHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
180426		34285 VIA LOPEZ		DANA POINT	P	1956	PROJ.REVW.	FHWA101012A	11/10/10	6Y	
180427		34295 VIA LOPEZ		DANA POINT	P	1956	PROJ.REVW.	FHWA101012A	11/10/10	6Y	
180428		34301 VIA LOPEZ		DANA POINT	P	1963	PROJ.REVW.	FHWA101012A	11/10/10	6Y	
180429		34262 VIA VELEZ		DANA POINT	P	1928	PROJ.REVW.	FHWA101012A	11/10/10	6Y	
069495	30-161860		SAN JOAQUIN HILL DISTRICT	EAST IRVINE	U		PROJ.REVW.	65000990	02/10/82	2S	
037152	30-157787	SR 5	BRIDGE #55-02L	(VIC) EAST IRVINE	S	1929	HIST.SURV.	2650-0001-0000			7R
117878		5103 1ST ST	BUILDING #5103 / MARRIED HOUSING /	EL TORO	F	1947	HIST.RES.	DOE-30-98-0625-0000	09/15/98	6Y	
117880		5152 5TH ST	BUILDING #5152 / MARRIED HOUSING /	EL TORO	F	1947	HIST.RES.	DOE-30-98-0627-0000	09/15/98	6Y	
117925		5157 5TH ST	BUILDING #5157 / OFFICERS HOUSING	EL TORO	F	1964	HIST.RES.	DOE-30-98-0672-0000	09/15/98	6Y	
117926		5158 5TH ST	BUILDING #5158 / OFFICERS HOUSING	EL TORO	F	1964	HIST.RES.	DOE-30-98-0673-0000	09/15/98	6Y	
117927		5159 5TH ST	BUILDING #5159 / OFFICERS HOUSING	EL TORO	F	1964	HIST.RES.	DOE-30-98-0674-0000	09/15/98	6Y	
117918		8682 BOUGAINVILLE PL	BUILDING #5669 / WHERRY VILLAGE /	EL TORO	F	1954	HIST.RES.	DOE-30-98-0665-0000	09/15/98	6Y	
117917		8682 BOUGAINVILLE PL	BUILDING #5668 / WHERRY VILLAGE /	EL TORO	F	1954	HIST.RES.	DOE-30-98-0664-0000	09/15/98	6Y	
117915		8741 BOUGAINVILLE PL	BUILDING #5654 / WHERRY VILLAGE /	EL TORO	F	1954	HIST.RES.	DOE-30-98-0662-0000	09/15/98	6Y	
117916		8741 BOUGAINVILLE PL	BUILDING #5655 / WHERRY VILLAGE /	EL TORO	F	1954	HIST.RES.	DOE-30-98-0663-0000	09/15/98	6Y	
117930		100 CONNOR AVE	BUILDING #6353 / CAPEHART HOUSING	EL TORO	F	1973	HIST.RES.	DOE-30-98-0677-0000	09/15/98	6Y	
117929		104 CONNOR AVE	BUILDING #6351 / CAPEHART HOUSING	EL TORO	F	1973	HIST.RES.	DOE-30-98-0676-0000	09/15/98	6Y	
117928		108 CONNOR AVE	BUILDING #6349 / CAPEHART HOUSING	EL TORO	F	1973	HIST.RES.	DOE-30-98-0675-0000	09/15/98	6Y	
117879		5148 E ST	BUILDING #5148 / MARRIED HOUSING /	EL TORO	F	1947	HIST.RES.	DOE-30-98-0626-0000	09/15/98	6Y	
117931		101 GRAHAM DR	BUILDING #6375 / CAPEHART HOUSING	EL TORO	F	1973	HIST.RES.	DOE-30-98-0678-0000	09/15/98	6Y	
117932		143 GRAHAM DR	BUILDING #6396 / CAPEHART HOUSING	EL TORO	F	1973	HIST.RES.	DOE-30-98-0679-0000	09/15/98	6Y	
117921		8471 INCHON PL	BUILDING #5745 / WHERRY VILLAGE /	EL TORO	F	1954	HIST.RES.	DOE-30-98-0668-0000	09/15/98	6Y	
117922		8481 INCHON PL	BUILDING #5746 / WHERRY VILLAGE /	EL TORO	F	1954	HIST.RES.	DOE-30-98-0669-0000	09/15/98	6Y	
117923		8511 INCHON PL	BUILDING #5748 / WHERRY VILLAGE /	EL TORO	F	1954	HIST.RES.	DOE-30-98-0670-0000	09/15/98	6Y	
117924		8521 INCHON PL	BUILDING #5749 / WHERRY VILLAGE /	EL TORO	F	1954	HIST.RES.	DOE-30-98-0671-0000	09/15/98	6Y	
117919		13522 IWO JIMA DR	BUILDING #5683 / WHERRY VILLAGE /	EL TORO	F	1954	HIST.RES.	DOE-30-98-0666-0000	09/15/98	6Y	
117920		13542 IWO JIMA DR	BUILDING #5686 / WHERRY VILLAGE /	EL TORO	F	1954	HIST.RES.	DOE-30-98-0667-0000	09/15/98	6Y	
117889		8512 MIDWAY DR	BUILDING #5314 / WHERRY VILLAGE /	EL TORO	F	1954	HIST.RES.	DOE-30-98-0636-0000	09/15/98	6Y	
117888		8512 MIDWAY DR	BUILDING #5313 / WHERRY VILLAGE /	EL TORO	F	1954	HIST.RES.	DOE-30-98-0635-0000	09/15/98	6Y	

PROPERTY-NUMBER	PRIMARY-#	STREET-ADDRESS.....	NAMES.....	CITY.NAME.....	OWN	YR-C	OHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
117909		13791 WAKE AVE	BUILDING #5515 / WHERRY VILLAGE /	EL TORO	F	1954	PROJ.REVW.	USMC980828A	09/15/98	6Y	
							HIST.RES.	DOE-30-98-0656-0000	09/15/98	6Y	
117887		13922 WAKE AVE	BUILDING #5311 / WHERRY VILLAGE /	EL TORO	F	1954	PROJ.REVW.	USMC980828A	09/15/98	6Y	
							HIST.RES.	DOE-30-98-0634-0000	09/15/98	6Y	
117886		13941 WAKE AVE	BUILDING #5308 / WHERRY VILLAGE /	EL TORO	F	1954	PROJ.REVW.	USMC980828A	09/15/98	6Y	
							HIST.RES.	DOE-30-98-0633-0000	09/15/98	6Y	
117885		13951 WAKE AVE	BUILDING #5306 / WHERRY VILLAGE /	EL TORO	F	1954	PROJ.REVW.	USMC980828A	09/15/98	6Y	
							HIST.RES.	DOE-30-98-0632-0000	09/15/98	6Y	
117884		13961 WAKE AVE	BUILDING #5305 / WHERRY VILLAGE /	EL TORO	F	1954	PROJ.REVW.	USMC980828A	09/15/98	6Y	
							HIST.RES.	DOE-30-98-0631-0000	09/15/98	6Y	
117892		13962 WAKE AVE	BUILDING #5332 / WHERRY VILLAGE /	EL TORO	F	1954	PROJ.REVW.	USMC980828A	09/15/98	6Y	
							HIST.RES.	DOE-30-98-0639-0000	09/15/98	6Y	
117891		13962 WAKE AVE	BUILDING #5323 / WHERRY VILLAGE /	EL TORO	F	1954	PROJ.REVW.	USMC980828A	09/15/98	6Y	
							HIST.RES.	DOE-30-98-0638-0000	09/15/98	6Y	
035906	30-156546	I-5	BRIDGE #55-09	(VIC) EL TORO	S	1927	HIST.SURV.	2630-0002-0000			7R
183355		8675 BLUE BIRD AVE		FOUNTAIN VALLEY	P		PROJ.REVW.	FCC100401L	05/19/10	6Y	
186254		17530 CHESTNUT ST		FOUNTAIN VALLEY	P	1965	PROJ.REVW.	FHWA110826B	10/20/11	6Y	
186253		17540 CHESTNUT ST		FOUNTAIN VALLEY	P	1965	PROJ.REVW.	FHWA110826B	10/20/11	6Y	
187297		9300 DAISY AVE		FOUNTAIN VALLEY	P	1965	PROJ.REVW.	FHWA110826B	10/20/11	6Y	
187303		16635 DAISY AVE		FOUNTAIN VALLEY	P	1965	PROJ.REVW.	FHWA110826B	10/20/11	6Y	
187302		16645 DAISY AVE		FOUNTAIN VALLEY	P	1965	PROJ.REVW.	FHWA110826B	10/20/11	6Y	
187301		16741 DAISY AVE		FOUNTAIN VALLEY	P	1965	PROJ.REVW.	FHWA110826B	10/20/11	6Y	
187300		16763 DAISY AVE		FOUNTAIN VALLEY	P	1965	PROJ.REVW.	FHWA110826B	10/20/11	6Y	
187299		16789 DAISY AVE		FOUNTAIN VALLEY	P	1964	PROJ.REVW.	FHWA110826B	10/20/11	6Y	
187298		16853 DAISY AVE		FOUNTAIN VALLEY	P	1965	PROJ.REVW.	FHWA110826B	10/20/11	6Y	
187280		9117 EL CORTEZ AVE		FOUNTAIN VALLEY	P	1964	PROJ.REVW.	FHWA110826B	10/20/11	6Y	
187279		9157 EL CORTEZ AVE		FOUNTAIN VALLEY	P	1964	PROJ.REVW.	FHWA110826B	10/20/11	6Y	
187278		9171 EL CORTEZ AVE		FOUNTAIN VALLEY	P	1964	PROJ.REVW.	FHWA110826B	10/20/11	6Y	
187277		9181 EL CORTEZ AVE		FOUNTAIN VALLEY	P	1964	PROJ.REVW.	FHWA110826B	10/20/11	6Y	
186260		9450 EL SOL CR		FOUNTAIN VALLEY	P	1964	PROJ.REVW.	FHWA110826B	10/20/11	6Y	
186255		9471 LA COLONIA AVE		FOUNTAIN VALLEY	P	1963	PROJ.REVW.	FHWA110826B	10/20/11	6Y	
186259		9437 LA LUNA AVE		FOUNTAIN VALLEY	P	1963	PROJ.REVW.	FHWA110826B	10/20/11	6Y	
186257		9456 LA LUNA AVE		FOUNTAIN VALLEY	P	1963	PROJ.REVW.	FHWA110826B	10/20/11	6Y	
186256		9486 LA LUNA AVE		FOUNTAIN VALLEY	P	1965	PROJ.REVW.	FHWA110826B	10/20/11	6Y	
187276		17292 POPLAR ST		FOUNTAIN VALLEY	P	1965	PROJ.REVW.	FHWA110826B	10/20/11	6Y	
187275		17318 POPLAR ST		FOUNTAIN VALLEY	P	1964	PROJ.REVW.	FHWA110826B	10/20/11	6Y	
186261		17330 POPLAR ST		FOUNTAIN VALLEY	P	1965	PROJ.REVW.	FHWA110826B	10/20/11	6Y	
186258		17398 POPLAR ST		FOUNTAIN VALLEY	P	1963	PROJ.REVW.	FHWA110826B	10/20/11	6Y	
096152	30-162487	10200 SLATER AVE	FOUNTAIN VALLEY CITY HALL GENERATO	FOUNTAIN VALLEY	M	1961	HIST.RES.	DSA-30-SPS-3178	05/24/95	6J	
							HIST.RES.	DSA-30-SPS-3177	05/24/95	6J	
							HIST.RES.	DSA-30-SPS-3176	05/24/95	6J	
036557	30-157197		STREET LIGHTS	FULLERTON	M	1924	HIST.SURV.	2634-0014-0000			7R
036558	30-157198		STREET LIGHTS	FULLERTON	M	1924	HIST.SURV.	2634-0015-0000			7R
036559	30-157199		STREET LIGHTS	FULLERTON	M	1924	HIST.SURV.	2634-0016-0000			7R
127876		143 AMERIGE AVE		FULLERTON		1951	HIST.RES.	DOE-30-01-0001-0000	04/10/01	6Y	
							PROJ.REVW.	FCC010312BB	04/10/01	6Y	
158711		BREA BLVD	HILCREST PARK PINE FOREST / NORTH	FULLERTON	M	1920	HIST.RES.	NPS-04000812-0006	08/11/04	1D	AC
158720		BREA BLVD	HILCREST PARK LILY/DUCK POND	FULLERTON	M	1920	HIST.RES.	NPS-04000812-0014	08/11/04	1D	AC
158731		BREA BLVD	HILCREST PARK LILY / DUCK POND RE	FULLERTON	M		HIST.RES.	NPS-04000812-0025	08/11/04	6X	
036621	30-157261	200 BREA BLVD	HILCREST PARK	FULLERTON	M	1920	HIST.RES.	NPS-04000812-9999	08/11/04	1S	C
							NAT.REG.	30-0072	04/28/04	3S	
							HIST.SURV.	2634-0078-0000			7R

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PROPERTY-NUMBER	PRIMARY-#	STREET-ADDRESS.....	NAMES.....	CITY-NAME.....	OWN	YR-C	OHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT	
039530	30-160161	31746 4TH AVE		SOUTH LAGUNA	P	1930	HIST.SURV.	2677-0004-0014			5D2	
039526	30-160157	31762 4TH AVE		SOUTH LAGUNA	P	1930	HIST.SURV.	2677-0004-0010			5D2	
039531	30-160162	31791 5TH AVE		SOUTH LAGUNA	P	1930	HIST.SURV.	2677-0004-0015			5D2	
039532	30-160163	31862 8TH AVE		SOUTH LAGUNA	P	1929	HIST.SURV.	2677-0004-0016			5D2	
039533	30-160164	31885 9TH AVE		SOUTH LAGUNA	P	1929	HIST.SURV.	2677-0004-0017			5D2	
039537	30-160168	31808 ANDERSON ST		SOUTH LAGUNA	P	1927	HIST.SURV.	2677-0004-0021			5D2	
039500	30-160131	6 BARRANCA WY	CLIFF COTE	SOUTH LAGUNA	P	1933	HIST.SURV.	2677-0001-0001			5D2	
039506	30-160137	23 BAY DR		SOUTH LAGUNA	P	1931	HIST.SURV.	2677-0001-0007			5D2	
039507	30-160138	26 BAY DR		SOUTH LAGUNA	P	1931	HIST.SURV.	2677-0001-0008			5D2	
039567	30-160198	31515 BLUFF DR		SOUTH LAGUNA	P	1935	HIST.SURV.	2677-0005-0012			5D2	
039568	30-160199	31595 BLUFF DR	VILLA FIORI	SOUTH LAGUNA	P	1935	HIST.SURV.	2677-0005-0013			7N	
039556	30-160187	31182 BROOKS ST		SOUTH LAGUNA	P	1936	HIST.SURV.	2677-0005-0001			5D2	
039557	30-160188	31191 BROOKS ST		SOUTH LAGUNA	P	1940	HIST.SURV.	2677-0005-0002			5D2	
039558	30-160189	31211 BROOKS ST		SOUTH LAGUNA	P	1933	HIST.SURV.	2677-0005-0003			5D2	
039559	30-160190	31251 BROOKS ST		SOUTH LAGUNA	P	1933	HIST.SURV.	2677-0005-0004			5D2	
039569	30-160200	31281 CAMEL POINT DR		SOUTH LAGUNA	P	1925	HIST.SURV.	2677-0005-0014			7N	
039570	30-160201	31302 CAMEL POINT DR		SOUTH LAGUNA	P	1926	HIST.SURV.	2677-0005-0015			5D2	
039560	30-160191	31172 CEANOYHUS DR	HALLIBURTON HOUSE	SOUTH LAGUNA	P	1939	HIST.SURV.	2677-0005-0005			7N	
039538	30-160169	31892 CIRCLE DR		SOUTH LAGUNA	P	1930	HIST.SURV.	2677-0004-0022			5D2	
039571	30-160202	31351 COAST HWY		SOUTH LAGUNA	P	1937	HIST.SURV.	2677-0005-0016			5D2	
039572	30-160203	31381 COAST HWY	STONEHENGE	SOUTH LAGUNA	P	1929	HIST.SURV.	2677-0005-0017			5D2	
039511	30-160142	31655 COAST HWY		SOUTH LAGUNA	P	1928	HIST.SURV.	2677-0003-0001			5D2	
039512	30-160143	31674 COAST HWY	SOUTH LAGUNA HOTEL	SOUTH LAGUNA	P	1928	HIST.SURV.	2677-0003-0002			5D2	
039514	30-160145	31709 COAST HWY		SOUTH LAGUNA	P	1930	HIST.SURV.	2677-0003-0004			5D2	
039515	30-160146	31742 COAST HWY		SOUTH LAGUNA	P	1930	HIST.SURV.	2677-0003-0005			5D2	
039542	30-160173	31978 COAST HWY		SOUTH LAGUNA	P	1940	HIST.SURV.	2677-0004-0026			5D2	
039543	30-160174	32181 COAST HWY		SOUTH LAGUNA	P	1927	HIST.SURV.	2677-0004-0027			5D2	
039544	30-160175	32191 COAST HWY		SOUTH LAGUNA	P	1927	HIST.SURV.	2677-0004-0028			5D2	
039545	30-160176	32225 COAST HWY		SOUTH LAGUNA	P	1930	HIST.SURV.	2677-0004-0029			5D2	
039539	30-160170	31907 CRESTWOOD PL		SOUTH LAGUNA	P	1939	HIST.SURV.	2677-0004-0023			5D2	
039540	30-160171	31834 HEDGE LANE		SOUTH LAGUNA	P	1935	HIST.SURV.	2677-0004-0024			5D2	
039561	30-160192	31252 HOLLY DR	WATER TANK HOUSE	SOUTH LAGUNA	P	1940	HIST.SURV.	2677-0005-0006			5D2	
039541	30-160172	31652 JEWEL AVE		SOUTH LAGUNA	P	1929	HIST.SURV.	2677-0004-0025			5D2	
039503	30-160134	11 LA SENDA PL	ROWLANDS HOUSE	SOUTH LAGUNA	P	1932	HIST.SURV.	2677-0001-0004			5D2	
039510	30-160141	LA SENDA ST	THREE ARCHES, THREE ARCH BAY	SOUTH LAGUNA	P	1927	HIST.SURV.	2677-0001-9999			5S2	
039573	30-160204	MONTEREY ST	COAST ROYAL	SOUTH LAGUNA	P	1925	HIST.SURV.	2677-0005-9999			5S2	
039562	30-160193	31112 MONTEREY ST		SOUTH LAGUNA	P	1931	HIST.SURV.	2677-0005-0007			5D2	
039563	30-160194	31151 MONTEREY ST		SOUTH LAGUNA	P	1938	HIST.SURV.	2677-0005-0008			5D2	
039564	30-160195	31172 MONTEREY ST		SOUTH LAGUNA	P	1933	HIST.SURV.	2677-0005-0009			5D2	
039565	30-160196	31382 MONTEREY ST		SOUTH LAGUNA	P	1933	HIST.SURV.	2677-0005-0010			5D2	
039566	30-160197	31461 MONTEREY ST		SOUTH LAGUNA	P	1934	HIST.SURV.	2677-0005-0011			5D2	
039509	30-160140	40 N LA SENDA DR	GRIFFITH HOUSE	SOUTH LAGUNA	P	1927	HIST.SURV.	2677-0001-0010			3S	
039513	30-160144	31691 PACIFIC COAST HWY		SOUTH LAGUNA	P	1928	HIST.SURV.	2677-0003-0003			5D2	
039516	30-160147	S COAST HWY	THREE ARCHES	SOUTH LAGUNA	P	1928	HIST.SURV.	2677-0003-9999			5S2	
039502	30-160133	11 S LA SENDA DR		SOUTH LAGUNA	P	1927	HIST.SURV.	2677-0001-0003			5D2	
039508	30-160139	12 S LA SENDA DR		SOUTH LAGUNA	P	1935	HIST.SURV.	2677-0001-0009			5D2	
039501	30-160132	17 S LA SENDA DR		SOUTH LAGUNA	P	1927	HIST.SURV.	2677-0001-0002			7N	
039504	30-160135	36 S LA SENDA DR	GUATEMALAN HOUSE	SOUTH LAGUNA	P	1934	HIST.SURV.	2677-0001-0005			5D2	
068472	30-161846	31686 SCENIC DR		SOUTH LAGUNA	U	1924	PROJ.REVW.	HUD900801B	09/11/90		6Y	
039548	30-160179	31742 SCENIC DR		SOUTH LAGUNA	P	1936	HIST.SURV.	2677-0004-0032			5D2	
039546	30-160177	31696 SEACLIFF DR		SOUTH LAGUNA	P	1930	HIST.SURV.	2677-0004-0030			5D2	
039547	30-160178	31722 SEACLIFF DR		SOUTH LAGUNA	P	1938	HIST.SURV.	2677-0004-0031			5D2	
039555	30-160186	SUNSET DR	THREE ARCHES, SOUTH LAGUNA (RESIDE	SOUTH LAGUNA	P	1924	HIST.SURV.	2677-0004-9999			5S2	
039549	30-160180	31925 SUNSET DR		SOUTH LAGUNA	P	1929	HIST.SURV.	2677-0004-0033			5D2	
039550	30-160181	31942 SUNSET DR		SOUTH LAGUNA	P	1937	HIST.SURV.	2677-0004-0034			5D2	
039551	30-160182	31951 SUNSET DR		SOUTH LAGUNA	P	1937	HIST.SURV.	2677-0004-0035			5D2	

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PROPERTY-NUMBER	PRIMARY-#	STREET-ADDRESS.....	NAMES.....	CITY-NAME.....	OWN	YR-C	OHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
039554	30-160185	31632 VIRGINIA WY		SOUTH LAGUNA	P	1929	HIST.SURV.	2677-0004-0038			5D2
039552	30-160183	31911 VIRGINIA WY		SOUTH LAGUNA	P	1930	HIST.SURV.	2677-0004-0036			5D2
039553	30-160184	31946 VIRGINIA WY		SOUTH LAGUNA	P	1937	HIST.SURV.	2677-0004-0037			5D2
039505	30-160136	1 VISTA DEL SOL		SOUTH LAGUNA	P	1937	HIST.SURV.	2677-0001-0006			5D2
181251		11841 BEACH BLVD	BUTCHER SHOP	STANTON	P	1963	PROJ.REVW.	FCC100902E	01/24/11		6Y
179919		7757 CENTRAL AVE		STANTON	P	1959	PROJ.REVW.	HUD100902N	09/08/10		6Y
182827		7851 CENTRAL AVE		STANTON	P		PROJ.REVW.	HUD110516DD	05/17/11		6Y
175474		8662 CHANTICLEER RD		STANTON	P	1956	PROJ.REVW.	HUD110516Z	05/17/11		6Y
							PROJ.REVW.	HUD090209U	03/02/09		6Y
187012		10281 COURSON DR		STANTON	P	1956	PROJ.REVW.	HUD120112A	01/13/12		6Y
176310		10644 COURSON DR		STANTON	P	1959	PROJ.REVW.	HUD090615F	07/09/09		6Y
176308		10702 COURT ST		STANTON	P	1935	PROJ.REVW.	HUD090615D	07/09/09		6Y
186624		10335 DALE ST		STANTON	P	1959	PROJ.REVW.	HUD1112050	12/16/11		6Y
181439		10314 FERN AVE		STANTON	P	1959	PROJ.REVW.	HUD101112F	11/24/10		6Y
182828		8671 HARRIET LANE		STANTON	P		PROJ.REVW.	HUD110516CC	05/17/11		6Y
186625		10350 HICKOCK RD		STANTON	P	1959	PROJ.REVW.	HUD111205N	12/16/11		6Y
175473		11329 JANE WY		STANTON	P	1958	PROJ.REVW.	HUD090209T	03/02/09		6Y
176309		8371 LOLA AVE		STANTON	P	1958	PROJ.REVW.	HUD090615E	07/09/09		6Y
184235		10832 OAK ST		STANTON	P	1919	PROJ.REVW.	HUD101020F	11/03/10		6Y
163559		PACIFIC PL/HARCOURT A	ROYAL STREET COMM. LLC LAO686A	STANTON	P	1939	PROJ.REVW.	FCC060908B	11/02/06		6Y
179002		10654 RAMBLEWOOD DR		STANTON	P	1959	PROJ.REVW.	HUD100301B	03/25/10		6Y
186163		10751 ROSE ST		STANTON	P	1915	PROJ.REVW.	HUD110516Y	05/17/11		6Y
175475		11831 SANTA MARIA ST		STANTON	P	1953	PROJ.REVW.	HUD090209V	03/02/09		6Y
169942		11942 SANTA ROSALIA ST		STANTON	P	1953	PROJ.REVW.	HUD080107F	01/11/08		6Y
175055		10592 SYCAMORE ST		STANTON	P	1949	PROJ.REVW.	HUD090223L	03/23/09		6Y
182829		10621 WESTERN AVE		STANTON	P		PROJ.REVW.	HUD110516BB	05/17/11		6Y
186941		10261 WYATT RD		STANTON	P		PROJ.REVW.	HUD111222H	01/04/12		6Y
186626		10281 YANA DR		STANTON	P	1956	PROJ.REVW.	HUD111205M	12/16/11		6Y
187082		10302 YANA DR		STANTON	P	1956	PROJ.REVW.	HUD120120B	01/27/12		6Y
130022			OLD TOWN TUSTIN HISTORIC RESOURCES	TUSTIN	PM	1870	HIST.SURV.	2680-0708-9999	03/07/03		5S2
							HIST.SURV.	2680-0008-9999	02/20/02		7R
095882	30-162473		BUILDING 23A, USMC AIR STATION TUS	TUSTIN		1942	PROJ.REVW.	USMC940408Z	05/18/95		2D2 A
095879	30-162470		BUILDING #29A, HEATING PLANT #2, U	TUSTIN		1942	PROJ.REVW.	USMC940408Z	05/18/95		2D2 A
095887	30-162478		BUILDING 23F, USMC AIR STATION TUS	TUSTIN		1942	PROJ.REVW.	USMC940408Z	05/18/95		2D2 A
095890	30-162481		BUILDING #41 / USMC AIR STATION TU	TUSTIN		1942	PROJ.REVW.	USMC940408Z	05/18/95		2D2 A
095889	30-162480		BUILDING #40B	TUSTIN		1942	PROJ.REVW.	USMC940408Z	05/18/95		2D2 A
095881	30-162472		BUILDING 21, USMC AIR STATION TUST	TUSTIN		1942	PROJ.REVW.	USMC940408Z	05/18/95		2D2 A
095883	30-162474		BUILDING 23B, USMC AIR STATION TUS	TUSTIN		1942	PROJ.REVW.	USMC940408Z	05/18/95		2D2 A
095884	30-162475		BUILDING 23C, USMC AIR STATION TUS	TUSTIN		1942	PROJ.REVW.	USMC940408Z	05/18/95		2D2 A
095863	30-162466		BUILDING #28A, HEATING PLANT #1, U	TUSTIN		1942	PROJ.REVW.	USMC940408Z	05/18/95		2D2 A
095885	30-162476		BUILDING 23D, USMC AIR STATION TUS	TUSTIN		1942	PROJ.REVW.	USMC940408Z	05/18/95		2D2 A
095888	30-162479		BUILDING #40A / USMC AIR STATION T	TUSTIN		1942	PROJ.REVW.	USMC940408Z	05/18/95		2D2 A
095891	30-162482		BUILDING #49 / USMC AIR STATION TU	TUSTIN		1942	PROJ.REVW.	USMC940408Z	05/18/95		2D2 A
095886	30-162477		BUILDING 23E, USMC AIR STATION TUS	TUSTIN		1942	PROJ.REVW.	USMC940408Z	05/18/95		2D2 A
095880	30-162471		MATS 1-5, 1-3 AND RDS, USMC AIR ST	TUSTIN		1942	PROJ.REVW.	USMC940408Z	05/18/95		2D2 A
095892	30-162483		BUILDING 30, USMC AIR STATION TUST	TUSTIN		1942	PROJ.REVW.	USMC940408Z	05/18/95		6Y
140205		115 2ND ST		TUSTIN	P	1905	HIST.SURV.	2680-0008-0001	02/20/01		7R
130608		125 2ND ST		TUSTIN	P	1952	HIST.SURV.	2680-0424-0000	02/20/02		7R
130324		665 3RD ST		TUSTIN	P	1952	HIST.SURV.	2680-0202-0000	02/20/02		7R
130325		670 3RD ST		TUSTIN	P	1952	HIST.SURV.	2680-0203-0000	02/20/02		7R
130326		675 3RD ST		TUSTIN	P	1952	HIST.SURV.	2680-0204-0000	02/20/01		7R
130327		685 3RD ST		TUSTIN	P	1952	HIST.SURV.	2680-0205-0000	02/20/02		7R
130328		695 3RD ST		TUSTIN	P	1952	HIST.SURV.	2680-0206-0000	02/20/02		7R
130329		135 6TH ST		TUSTIN	P	1952	HIST.SURV.	2680-0207-0000	02/20/02		7R

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OPERTY-NUMBER	PRIMARY-#	STREET.ADDRESS.....	NAMES.....	CITY.NAME.....	OWN	YR-C	OHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
130621		550 EL CAMINO REAL		TUSTIN	P	1952	HIST.SURV.	2680-0436-0000	02/20/02	7R	
130622		556 EL CAMINO REAL		TUSTIN	P	1952	HIST.SURV.	2680-0437-0000	02/20/02	7R	
130147		560 EL CAMINO REAL	TUSTIN GARAGE	TUSTIN	P	1915	HIST.SURV.	2680-0520-0000	05/30/03	3S	ABC
							HIST.SURV.	2680-0008-0072	02/20/02	7R	
130606		13671 GREEN VALLEY AVE		TUSTIN	P	1952	HIST.SURV.	2680-0422-0000	02/20/02	7R	
130582		13662 GREEN VALLEY RD		TUSTIN	P	1952	HIST.SURV.	2680-0407-0000	02/20/02	7R	
130581		13642 GREEN VALLEY ST		TUSTIN	P	1915	HIST.SURV.	2680-0406-0000	02/20/02	7R	
039576	30-160207	1252 IRVINE BLVD	ARCHIBALD RALPH HOUSE	TUSTIN	P	1929	TAX.CERT.	537.9-30-0011	05/15/85	6X	
							HIST.SURV.	2680-0003-0000	02/20/02	7R	
150945		1971 IRVINE BLVD		TUSTIN	P	1955	HIST.RES.	DOE-30-04-0015-0000	01/28/04	6Y	
							PROJ.REVW.	FCC040116B	01/28/04	6Y	
179927		14121 LAMBETH WY		TUSTIN	P	1954	PROJ.REVW.	HUD1009020	09/08/10	6Y	
130607		LOCKWOOD PARK PL		TUSTIN	P	1952	HIST.SURV.	2680-0423-0000	02/20/02	7R	
140028		LOCKWOOD TERRACE		TUSTIN	P	1900	HIST.SURV.	2680-0707-0000	05/30/03	7N1	C
130217		1681 MITCHELL AVE		TUSTIN	P	1919	HIST.SURV.	2680-0551-0000	05/30/03	5S2	BC
							HIST.SURV.	2680-0120-0000	02/20/02	7R	
130218		125 MOUNTAIN VIEW DR		TUSTIN	P	1925	HIST.SURV.	2680-0708-0062	05/30/03	5B	C
							HIST.SURV.	2680-0121-0000	02/20/02	7R	
130459		128 MT VIEW DR		TUSTIN	P	1928	HIST.SURV.	2680-0708-0152	05/30/03	5D1	C
							HIST.SURV.	2680-0317-0000	02/20/02	7R	
130460		130 MT VIEW DR		TUSTIN	P	1928	HIST.SURV.	2680-0708-0153	05/30/03	5D1	C
							HIST.SURV.	2680-0318-0000	02/20/02	7R	
130625		135 MT VIEW DR		TUSTIN	P	1952	HIST.SURV.	2680-0708-0154	05/30/03	5D1	C
							HIST.SURV.	2680-0438-0000	02/20/02	7R	
130461		138 MT VIEW DR		TUSTIN	P	1928	HIST.SURV.	2680-0708-0155	05/30/03	5D1	
							HIST.SURV.	2680-0319-0000	02/20/02	7R	
130462		140 MT VIEW DR		TUSTIN	P	1952	HIST.SURV.	2680-0320-0000	02/20/02	7R	
130463		143 MT VIEW DR		TUSTIN	P	1952	HIST.SURV.	2680-0321-0000	02/20/02	7R	
130464		145 MT VIEW DR		TUSTIN	P	1920	HIST.SURV.	2680-0680-0000	05/30/03	6L	
							HIST.SURV.	2680-0322-0000	02/20/02	7R	
130465		148 MT VIEW DR		TUSTIN	P	1928	HIST.SURV.	2680-0708-0156	05/30/03	5D1	C
							HIST.SURV.	2680-0323-0000	02/20/02	7R	
130466		149 MT VIEW DR		TUSTIN	P	1940	HIST.SURV.	2680-0324-0000	02/20/02	7R	
130468		150 MT VIEW DR		TUSTIN	P	1928	HIST.SURV.	2680-0682-0000	05/30/03	6L	C
							HIST.SURV.	2680-0325-0000	02/20/02	7R	
130469		155 MT VIEW DR		TUSTIN	P	1915	HIST.SURV.	2680-0708-0157	05/30/03	5B	C
							HIST.SURV.	2680-0326-0000	02/20/02	7R	
130470		158 MT VIEW DR		TUSTIN	P	1920	HIST.SURV.	2680-0684-0000	05/30/03	6L	C
							HIST.SURV.	2680-0327-0000	02/20/02	7R	
130471		163 MT VIEW DR		TUSTIN	P	2000	HIST.SURV.	2680-0328-0000	02/20/02	7R	
130474		165 MT VIEW DR		TUSTIN	P	2000	HIST.SURV.	2680-0329-0000	02/20/02	7R	
130475		173 MT VIEW DR		TUSTIN	P	1922	HIST.SURV.	2680-0708-0158	05/30/03	5D1	C
							HIST.SURV.	2680-0330-0000	02/20/02	7R	
094261	30-162306	MYFORD RD	IRVINE GARDENS	TUSTIN	P	1890	PROJ.REVW.	FHWA910214A	03/13/91	7K	
							PROJ.REVW.	FHWA811130A	02/05/82	2D2	A
							HIST.RES.	DOE-30-82-0002-0005	01/08/82	2D2	A
130476		135 MYRTLE AVE		TUSTIN	P	1952	HIST.SURV.	2680-0331-0000	02/20/02	7R	
130219		140 MYRTLE AVE		TUSTIN	P	1928	HIST.SURV.	2680-0708-0063	05/30/03	5B	BC
							HIST.SURV.	2680-0008-0103	02/20/02	7R	
130477		143 MYRTLE AVE		TUSTIN	P	1952	HIST.SURV.	2680-0332-0000	02/20/02	7R	
130478		150 MYRTLE AVE		TUSTIN	P	1952	HIST.SURV.	2680-0708-0159	05/30/03	5D1	C
							HIST.SURV.	2680-0333-0000	02/20/02	7R	
130479		155 MYRTLE AVE		TUSTIN	P	1952	HIST.SURV.	2680-0334-0000	02/20/02	7R	
130480		165 MYRTLE AVE		TUSTIN	P	1952	HIST.SURV.	2680-0335-0000	02/20/02	7R	
130481		170 MYRTLE AVE		TUSTIN	P	1952	HIST.SURV.	2680-0336-0000	02/20/02	7R	
130220		175 MYRTLE AVE		TUSTIN	P	1924	HIST.SURV.	2680-0708-0064	05/30/03	5B	BC

PROPERTY-NUMBER	PRIMARY-#	STREET-ADDRESS	NAMES	CITY-NAME	OWN	YR-C	OHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
130393		124 N B ST		TUSTIN	P	1952	HIST.SURV.	2680-0252-0000	02/20/02	7R	
130394		125 N B ST		TUSTIN	P	1928	HIST.SURV.	2680-0708-0112	05/30/03	5D1	C
							HIST.SURV.	2680-0253-0000	02/20/02	7R	
130395		130 N B ST		TUSTIN	P	1952	HIST.SURV.	2680-0632-0000	05/30/03	6L	C
							HIST.SURV.	2680-0254-0000	02/20/02	7R	
130396		133 N B ST		TUSTIN	P	1952	HIST.SURV.	2680-0708-0113	05/30/03	5D1	C
							HIST.SURV.	2680-0255-0000	02/20/02	7R	
130397		135 N B ST		TUSTIN	P	1952	HIST.SURV.	2680-0256-0000	02/20/02	7R	
130398		138 N B ST		TUSTIN	P	1922	HIST.SURV.	2680-0708-0114	05/30/03	5D1	C
							HIST.SURV.	2680-0257-0000	02/20/02	7R	
130399		140 N B ST		TUSTIN	P	1948	HIST.SURV.	2680-0708-0115	05/30/03	5D1	C
							HIST.SURV.	2680-0258-0000	02/20/02	7R	
130400		143 N B ST		TUSTIN	P	1923	HIST.SURV.	2680-0708-0116	05/30/03	5D1	C
							HIST.SURV.	2680-0259-0000	02/20/02	7R	
130401		145 N B ST		TUSTIN	P	1952	HIST.SURV.	2680-0260-0000	02/20/02	7R	
130402		148 N B ST		TUSTIN	P	1924	HIST.SURV.	2680-0708-0117	05/30/03	5D1	C
							HIST.SURV.	2680-0261-0000	02/20/02	7R	
130403		150 N B ST		TUSTIN	P	1924	HIST.SURV.	2680-0638-0000	05/30/03	6L	C
							HIST.SURV.	2680-0262-0000	02/20/02	7R	
130404		153 N B ST		TUSTIN	P	1915	HIST.SURV.	2680-0708-0118	05/30/03	5D1	C
							HIST.SURV.	2680-0263-0000	02/20/02	7R	
130405		155 N B ST		TUSTIN	P	1952	HIST.SURV.	2680-0264-0000	02/20/02	7R	
130406		158 N B ST		TUSTIN	P	1924	HIST.SURV.	2680-0708-0119	05/30/03	5D2	C
							HIST.SURV.	2680-0265-0000	02/20/02	7R	
130074		160 N B ST		TUSTIN	P	1915	HIST.SURV.	2680-0708-0120	05/30/03	5D1	C
							HIST.SURV.	2680-0008-0046	02/20/02	7R	
130407		163 N B ST		TUSTIN	P	1922	HIST.SURV.	2680-0708-0121	05/30/03	5D1	C
							HIST.SURV.	2680-0266-0000	02/20/02	7R	
130408		165 N B ST		TUSTIN	P	1922	HIST.SURV.	2680-0708-0122	05/30/03	5D1	C
							HIST.SURV.	2680-0267-0000	02/20/02	7R	
130409		168 N B ST		TUSTIN	P	1920	HIST.SURV.	2680-0708-0123	05/30/03	5D1	C
							HIST.SURV.	2680-0268-0000	02/20/02	7R	
130410		170 N B ST		TUSTIN	P	1928	HIST.SURV.	2680-0708-0124	05/30/03	5D1	C
							HIST.SURV.	2680-0269-0000	02/20/02	7R	
130411		173 N B ST		TUSTIN	P	1952	HIST.SURV.	2680-0708-0125	05/30/03	5D1	C
							HIST.SURV.	2680-0270-0000	02/20/02	7R	
130412		175 N B ST		TUSTIN	P	1920	HIST.SURV.	2680-0708-0126	05/30/03	5D1	C
							HIST.SURV.	2680-0271-0000	02/20/02	7R	
130413		178 N B ST		TUSTIN	P	1928	HIST.SURV.	2680-0708-0127	05/30/03	5D1	C
							HIST.SURV.	2680-0272-0000	02/20/02	7R	
130414		183 N B ST		TUSTIN	P	1922	HIST.SURV.	2680-0273-0000	02/20/02	7R	
136646		N C ST		TUSTIN	P	1890	HIST.SURV.	2680-0498-0000	10/01/02	5B	
130415		124 N C ST		TUSTIN	P	1952	HIST.SURV.	2680-0274-0000	02/20/02	7R	
130416		125 N C ST		TUSTIN	P	1920	HIST.SURV.	2680-0708-0128	05/30/03	5D1	C
							HIST.SURV.	2680-0275-0000	02/20/02	7R	
130417		130 N C ST		TUSTIN	P	1928	HIST.SURV.	2680-0708-0129	05/30/03	5D1	C
							HIST.SURV.	2680-0276-0000	02/20/02	7R	
130418		133 N C ST		TUSTIN	P	1920	HIST.SURV.	2680-0651-0000	05/30/03	6L	C
							HIST.SURV.	2680-0277-0000	02/20/02	7R	
130419		135 N C ST		TUSTIN	P	1952	HIST.SURV.	2680-0278-0000	02/20/02	7R	
130420		138 N C ST		TUSTIN	P	1952	HIST.SURV.	2680-0708-0130	05/30/03	5D1	C
							HIST.SURV.	2680-0279-0000	02/20/02	7R	
130421		140 N C ST		TUSTIN	P	1952	HIST.SURV.	2680-0708-0131	05/30/03	5D1	C
							HIST.SURV.	2680-0008-0132	02/20/02	7R	
130422		143 N C ST		TUSTIN	P	1952	HIST.SURV.	2680-0708-0132	05/30/03	5D1	C
							HIST.SURV.	2680-0281-0000	02/20/02	7R	

PROPERTY-NUMBER	PRIMARY-#	STREET ADDRESS	NAMES	CITY NAME	OWN	YR-C	OHP-PROG.	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
130502		205 PACIFIC ST		TUSTIN	P	1952	HIST.SURV.	2680-0357-0000	02/20/02	7R	
130232		210 PACIFIC ST		TUSTIN	P	1910	HIST.SURV.	2680-0708-0074	05/30/03	5B	C
							HIST.SURV.	2680-0008-0114	02/20/02	7R	
130503		240 PACIFIC ST		TUSTIN	P	1952	HIST.SURV.	2680-0358-0000	02/20/02	7R	
130233		245 PACIFIC ST		TUSTIN	P	1933	HIST.SURV.	2680-0708-0075	05/30/03	5D2	C
							HIST.SURV.	2680-0008-0115	02/20/02	7R	
130213		250 PACIFIC ST		TUSTIN	P	1928	HIST.SURV.	2680-0708-0056	05/30/03	5B	BC
							HIST.SURV.	2680-0008-0084	02/20/02	7R	
130504		255 PACIFIC ST		TUSTIN	P	1952	HIST.SURV.	2680-0708-0162	05/30/03	5D1	C
							HIST.SURV.	2680-0359-0000	02/20/02	7R	
130505		256 PACIFIC ST		TUSTIN	P	1952	HIST.SURV.	2680-0360-0000	02/20/02	7R	
130236		260 PACIFIC ST		TUSTIN	P	1910	HIST.SURV.	2680-0708-0076	05/30/03	5B	C
							HIST.SURV.	2680-0008-0116	02/20/02	7R	
130214		265 PACIFIC ST		TUSTIN	P	1875	HIST.SURV.	2680-0533-0000	05/30/03	3S	AC
							HIST.SURV.	2680-0008-0085	02/20/02	7R	
130506		310 PACIFIC ST		TUSTIN	P	1952	HIST.SURV.	2680-0361-0000	02/20/02	7R	
130507		330 PACIFIC ST		TUSTIN	P	1952	HIST.SURV.	2680-0362-0000	02/20/02	7R	
130508		340 PACIFIC ST		TUSTIN	P	1952	HIST.SURV.	2680-0363-0000	02/20/02	7R	
130237		410 PACIFIC ST		TUSTIN	P	1910	HIST.SURV.	2680-0708-0077	05/30/03	5D2	BC
							HIST.SURV.	2680-0008-0117	02/20/02	7R	
130509		435 PACIFIC ST		TUSTIN	P	1925	HIST.SURV.	2680-0364-0000	02/20/02	7R	
130510		440 PACIFIC ST		TUSTIN	P	1952	HIST.SURV.	2680-0708-0163	05/30/03	5D1	C
							HIST.SURV.	2680-0365-0000	02/20/02	7R	
130511		445 PACIFIC ST		TUSTIN	P	1925	HIST.SURV.	2680-0691-0000	05/30/03	6L	C
							HIST.SURV.	2680-0366-0000	02/20/02	7R	
130512		455 PACIFIC ST		TUSTIN	P	1952	HIST.SURV.	2680-0367-0000	02/20/02	7R	
130513		470 PACIFIC ST		TUSTIN	P	1952	HIST.SURV.	2680-0368-0000	02/20/02	7R	
130238		510 PACIFIC ST		TUSTIN	P	1925	HIST.SURV.	2680-0568-0000	05/30/03	5S2	ABC
							HIST.SURV.	2680-0008-0118	02/20/02	7R	
130514		515 PACIFIC ST		TUSTIN	P	1952	HIST.SURV.	2680-0708-0164	05/30/03	5D1	C
							HIST.SURV.	2680-0369-0000	02/20/02	7R	
130242		520 PACIFIC ST		TUSTIN	P	1929	HIST.SURV.	2680-0708-0078	05/30/03	5B	
							HIST.SURV.	2680-0008-0119	02/20/02	7R	
130515		530 PACIFIC ST		TUSTIN	P	1952	HIST.SURV.	2680-0370-0000	02/20/02	7R	
130251		535 PACIFIC ST		TUSTIN	P	1925	HIST.SURV.	2680-0708-0079	05/30/03	5D2	C
							HIST.SURV.	2680-0008-0120	02/20/02	7R	
130516		540 PACIFIC ST		TUSTIN	P	1952	HIST.SURV.	2680-0371-0000	02/20/02	7R	
130517		545 PACIFIC ST		TUSTIN	P	1952	HIST.SURV.	2680-0372-0000	02/20/02	7R	
130518		550 PACIFIC ST		TUSTIN	P	1952	HIST.SURV.	2680-0693-0000	05/30/03	6L	C
							HIST.SURV.	2680-0373-0000	02/20/02	7R	
130519		555 PACIFIC ST		TUSTIN	P	1952	HIST.SURV.	2680-0374-0000	02/20/02	7R	
130252		560 PACIFIC ST		TUSTIN	P	1930	HIST.SURV.	2680-0708-0080	05/30/03	5B	C
							HIST.SURV.	2680-0008-0121	02/20/02	7R	
130520		135 PASADENA AVE		TUSTIN	P	1952	HIST.SURV.	2680-0375-0000	02/20/02	7R	
130537		145 PASADENA AVE		TUSTIN	P	1952	HIST.SURV.	2680-0708-0165	05/30/03	5D1	C
							HIST.SURV.	2680-0376-0000	02/20/02	7R	
130538		155 PASADENA AVE		TUSTIN	P	1952	HIST.SURV.	2680-0377-0000	02/20/02	7R	
130541		165 PASADENA AVE		TUSTIN	P	1952	HIST.SURV.	2680-0378-0000	02/20/02	7R	
130542		175 PASADENA AVE		TUSTIN	P	1952	HIST.SURV.	2680-0708-0166	05/30/03	5D1	C
							HIST.SURV.	2680-0379-0000	02/20/02	7R	
130543		185 PASADENA AVE		TUSTIN	P	1952	HIST.SURV.	2680-0380-0000	02/20/02	7R	
130544		235 PASADENA AVE		TUSTIN	P	1952	HIST.SURV.	2680-0381-0000	02/20/02	7R	
130545		250 PASADENA AVE		TUSTIN	P	1952	HIST.SURV.	2680-0382-0000	02/20/02	7R	
130546		265 PASADENA AVE		TUSTIN	P	1952	HIST.SURV.	2680-0383-0000	02/20/02	7R	
130547		270 PASADENA AVE		TUSTIN	P	1952	HIST.SURV.	2680-0008-0143	02/20/02	7R	
130548		275 PASADENA AVE		TUSTIN	P	1952	HIST.SURV.	2680-0008-0144	02/20/02	7R	

PROPERTY-NUMBER	PRIMARY-#	STREET-ADDRESS	NAMES	CITY-NAME	OWN	YR-C	OHP-PROG	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
130069		245 S A ST	PETERSON HOUSE	TUSTIN	P	1908	HIST.SURV.	2680-0708-0031	05/30/03	5B	C
							HIST.SURV.	2680-0008-0041	02/20/02	7R	
130070		255 S A ST	BOUCHARD HOUSE	TUSTIN	P	1916	HIST.SURV.	2680-0708-0032	05/30/03	5B	C
							HIST.SURV.	2680-0008-0042	02/20/02	7R	
130071		302 S A ST	HUBBARD HOUSE	TUSTIN	P	1876	HIST.SURV.	2680-0483-0000	05/30/03	3S	C
							HIST.SURV.	2680-0008-0043	02/20/02	7R	
130362		315 S A ST		TUSTIN	P	1952	HIST.SURV.	2680-0224-0000	02/20/02	7R	
130363		320 S A ST		TUSTIN	P	1952	HIST.SURV.	2680-0708-0098	05/30/03	5D1	C
							HIST.SURV.	2680-0008-0130	02/20/02	7R	
130384		120 S B ST		TUSTIN	P	1952	HIST.SURV.	2680-0244-0000	02/20/02	7R	
130385		130 S B ST		TUSTIN	P	1952	HIST.SURV.	2680-0245-0000	02/20/02	7R	
130072		140 S B ST		TUSTIN	P	1925	HIST.SURV.	2680-0484-0000	05/30/03	5S2	C
							HIST.SURV.	2680-0008-0044	02/20/02	7R	
130075		160 S B ST		TUSTIN	P	1909	HIST.SURV.	2680-0708-0035	05/30/03	5D2	C
							HIST.SURV.	2680-0057-0000	02/20/02	7R	
130386		170 S B ST		TUSTIN	P	1952	HIST.SURV.	2680-0008-0131	02/20/02	7R	
130387		180 S B ST		TUSTIN	P	1952	HIST.SURV.	2680-0247-0000	02/20/02	7R	
130073		200 S B ST		TUSTIN	P	1923	HIST.SURV.	2680-0708-0033	05/30/03	5B	C
							HIST.SURV.	2680-0008-0045	02/20/02	7R	
130388		220 S B ST		TUSTIN	P	1900	HIST.SURV.	2680-0248-0000	02/20/02	7R	
130076		230 S B ST		TUSTIN	P	1885	HIST.SURV.	2680-0708-0034	05/30/03	5B	ABC
							HIST.SURV.	2680-0008-0047	02/20/02	7R	
130077		250 S B ST	THE MANSE	TUSTIN	P	1912	HIST.SURV.	2680-0489-0000	05/30/03	3S	ABC
							HIST.SURV.	2680-0008-0048	02/20/02	7R	
130078		300 S B ST		TUSTIN	P	1926	HIST.SURV.	2680-0708-0036	05/30/03	5B	C
							HIST.SURV.	2680-0008-0049	02/20/02	7R	
130079		310 S B ST		TUSTIN	P	1920	HIST.SURV.	2680-0708-0037	05/30/03	5D2	BC
							HIST.SURV.	2680-0008-0050	02/20/02	7R	
130080		320 S B ST		TUSTIN	P	1920	HIST.SURV.	2680-0708-0038	05/30/03	5D2	BC
							HIST.SURV.	2680-0008-0051	02/20/02	7R	
130081		350 S B ST	HEWES HOUSE	TUSTIN	P	1881	HIST.SURV.	2680-0493-0000	05/30/03	3S	ABC
							HIST.SURV.	2680-0008-0052	02/20/02	7R	
130082		450 S B ST		TUSTIN	P	1924	HIST.SURV.	2680-0708-0039	05/30/03	5B	C
							HIST.SURV.	2680-0008-0053	02/20/02	7R	
130389		460 S B ST		TUSTIN	P	1952	HIST.SURV.	2680-0249-0000	02/20/02	7R	
130083		510 S B ST		TUSTIN	P	1922	HIST.SURV.	2680-0708-0040	05/30/03	5B	C
							HIST.SURV.	2680-0008-0054	02/20/02	7R	
130390		520 S B ST		TUSTIN	P	1925	HIST.SURV.	2680-0630-0000	05/30/03	6L	C
							HIST.SURV.	2680-0250-0000	02/20/02	7R	
130084		530 S B ST		TUSTIN	P	1923	HIST.SURV.	2680-0708-0041	05/30/03	5B	C
							HIST.SURV.	2680-0008-0055	02/20/02	7R	
130392		550 S B ST		TUSTIN	P	1952	HIST.SURV.	2680-0251-0000	02/20/02	7R	
130125		245 S C ST		TUSTIN	P	1912	HIST.SURV.	2680-0500-0000	05/30/03	3S	C
							HIST.SURV.	2680-0008-0057	02/20/02	7R	
130126		275 S C ST		TUSTIN	P	1913	HIST.SURV.	2680-0502-0000	05/30/03	7N1	C
							HIST.SURV.	2680-0071-0000	02/20/02	7R	
130127		300 S C ST	TUSTIN UNIFIED SCHOOL DISTRICT ADM	TUSTIN	P	1951	HIST.SURV.	2680-0503-0000	05/30/03	3S	C
							HIST.SURV.	2680-0008-0058	02/20/02	7R	
130128		305 S C ST	LINDSAY HOUSE	TUSTIN	P	1886	HIST.SURV.	2680-0504-0000	05/30/03	3S	BC
							HIST.SURV.	2680-0008-0059	02/20/02	7R	
130129		315 S C ST		TUSTIN	P	1910	HIST.SURV.	2680-0708-0044	05/30/03	5B	BC
							HIST.SURV.	2680-0008-0060	02/20/02	7R	
130138		325 S C ST		TUSTIN	P	1952	HIST.SURV.	2680-0081-0000	02/20/02	7R	
130131		335 S C ST	McCHARLES HOUSE	TUSTIN	P	1889	HIST.SURV.	2680-0506-0000	05/30/03	3S	BC
							HIST.SURV.	2680-0075-0000	02/20/02	7R	
130132		500 S C ST		TUSTIN	P	1885	HIST.SURV.	2680-0507-0000	05/30/03	3S	BC

PROPERTY-NUMBER	PRIMARY-#	STREET-ADDRESS	NAMES	CITY-NAME	OWN	YR-C	OHP-PROG	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
130301		440 W 2ND ST		TUSTIN	P	1952	HIST.SURV.	2680-0008-0003	02/20/02	7R	
130028		445 W 2ND ST	BENNETT HOUSE	TUSTIN	P	1895	HIST.SURV.	2680-0182-0000	02/20/02	7R	
								2680-0444-0000	05/30/03	3S	BC
								2680-0008-0004	02/20/02	7R	
130302		450 W 2ND ST		TUSTIN	P	1952	HIST.SURV.	2680-0183-0000	02/20/02	7R	
130029		460 W 2ND ST		TUSTIN	P	1930	HIST.SURV.	2680-0708-0004	05/30/03	5B	BC
								2680-0008-0005	02/20/02	7R	
130030		465 W 2ND ST	POLARD HOUSE	TUSTIN	P	1895	HIST.SURV.	2680-0708-0005	05/30/03	5B	ABC
								2680-0008-0006	02/20/02	7R	
130303		485 W 2ND ST		TUSTIN	P	1952	HIST.SURV.	2680-0184-0000	02/20/02	7R	
130304		500 W 2ND ST		TUSTIN	P	1952	HIST.SURV.	2680-0185-0000	02/20/02	7R	
130305		505 W 2ND ST		TUSTIN	P	1952	HIST.SURV.	2680-0186-0000	02/20/02	7R	
130031		510 W 2ND ST	HUNTLEY HOUSE	TUSTIN	P	1913	HIST.SURV.	2680-0447-0000	05/30/03	3S	BC
								2680-0008-0007	02/20/02	7R	
130032		520 W 2ND ST	GULICK HOUSE	TUSTIN	P	1889	HIST.SURV.	2680-0708-0006	05/30/03	5B	ABC
								2680-0008-0008	02/20/02	7R	
130306		525 W 2ND ST		TUSTIN	P	1952	HIST.SURV.	2680-0187-0000	02/20/02	7R	
130033		530 W 2ND ST	SATTERWHITE HOUSE	TUSTIN	P	1922	HIST.SURV.	2680-0708-0007	05/30/03	5B	C
								2680-0008-0009	02/20/02	7R	
130307		535 W 2ND ST		TUSTIN	P	1952	HIST.SURV.	2680-0188-0000	02/20/02	7R	
130034		540 W 2ND ST	BROWN HOUSE	TUSTIN	P	1923	HIST.SURV.	2680-0708-0008	05/30/03	5B	C
								2680-0008-0010	02/20/02	7R	
130308		700 W 2ND ST		TUSTIN	P	1952	HIST.SURV.	2680-0189-0000	02/20/02	7R	
130309		720 W 2ND ST		TUSTIN	P	1952	HIST.SURV.	2680-0190-0000	02/20/02	7R	
130310		740 W 2ND ST		TUSTIN	P	1952	HIST.SURV.	2680-0191-0000	02/20/02	7R	
130051		305 W 3RD ST		TUSTIN	P	1952	HIST.SURV.	2680-0034-0000	02/20/02	7R	
130035		320 W 3RD ST		TUSTIN	P	1922	HIST.SURV.	2680-0451-0000	05/30/03	3S	BC
								2680-0008-0011	02/20/02	7R	
130036		328 W 3RD ST	HOLMES HOUSE	TUSTIN	P	1922	HIST.SURV.	2680-0708-0009	05/30/03	5B	BC
								2680-0008-0012	02/20/02	7R	
130037		335 W 3RD ST	PIERSON HOUSE	TUSTIN	P	1895	HIST.SURV.	2680-0708-0010	05/30/03	5B	C
								2680-0008-0013	02/20/02	7R	
130311		340 W 3RD ST		TUSTIN	P	1952	HIST.SURV.	2680-0708-0090	05/30/03	5D1	C
								2680-0192-0000	02/20/02	7R	
130038		344 W 3RD ST	BROOKBANK HOUSE	TUSTIN	P	1889	HIST.SURV.	2680-0708-0011	05/30/03	5B	AC
								2680-0008-0014	02/20/02	7R	
130315		430 W 3RD ST		TUSTIN	P	1952	HIST.SURV.	2680-0708-0091	05/30/03	5D1	C
								2680-0193-0000	02/20/02	7R	
130316		440 W 3RD ST		TUSTIN	P	1952	HIST.SURV.	2680-0601-0000	05/30/03	6L	C
								2680-0194-0000	02/20/02	7R	
130039		450 W 3RD ST	WILSON HOUSE	TUSTIN	P	1924	HIST.SURV.	2680-0455-0000	05/30/03	3S	ABC
								2680-0008-0015	02/20/02	7R	
130040		455 W 3RD ST		TUSTIN	P	1924	HIST.SURV.	2680-0456-0000	05/30/03	5B	AC
								2680-0008-0016	02/20/02	7R	
130041		465 W 3RD ST	HUMESTON HOUSE	TUSTIN	P	1930	HIST.SURV.	2680-0708-0012	05/30/03	5D2	
								2680-0008-0017	02/20/02	7R	
130042		500 W 3RD ST	LEIHY HOUSE	TUSTIN	P	1920	HIST.SURV.	2680-0708-0013	05/30/03	5B	BC
								2680-0008-0018	02/20/02	7R	
130318		505 W 3RD ST		TUSTIN	P	1952	HIST.SURV.	2680-0708-0092	05/30/03	5D1	C
								2680-0196-0000	02/20/02	7R	
130043		515 W 3RD ST	STANTON HOUSE	TUSTIN	P	1910	HIST.SURV.	2680-0708-0014	05/30/03	5B	BC
								2680-0008-0019	02/20/02	7R	
130044		520 W 3RD ST	SMITH HOUSE	TUSTIN	P	1916	HIST.SURV.	2680-0708-0015	05/30/03	5B	C
								2680-0008-0020	02/20/02	7R	
130319		525 W 3RD ST		TUSTIN	P	1952	HIST.SURV.	2680-0604-0000	05/30/03	6L	C
								2680-0197-0000	02/20/02	7R	

PROPERTY-NUMBER	PRIMARY-#	STREET-ADDRESS	NAMES	CITY-NAME	OWN	YR-C	OHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
130156		160 W MAIN ST		TUSTIN	P	1880	HIST.SURV.	2680-0008-0080	02/20/02	7R	
130187		201 W MAIN ST		TUSTIN	P	1929	HIST.SURV.	2680-0530-0000	05/30/03	3S	ABC
							HIST.SURV.	2680-0008-0082	02/20/02	7R	
170026		225 W MAIN ST	TUSTIN PRESBYTERIAN CHURCH	TUSTIN	P	1929	PROJ.REVW.	FCC080107E	02/25/08	2S2	AC
039575	30-160206	228 W MAIN ST	SHERMAN STEVENS HOUSE, STEVENS SQU	TUSTIN	P	1887	HIST.SURV.	2680-0008-0083	02/20/02	7R	
							HIST.SURV.	2680-0531-0000	05/30/03	7R	
							HIST.RES.	NPS-84000926-0000	02/20/02	1S	BC
							TAX.CERT.	537.9-30-0036	02/20/02	2S3	
130216		320 W MAIN ST		TUSTIN	P	1928	HIST.SURV.	2680-0535-0000	05/30/03	3S	BC
							HIST.SURV.	2680-0008-0087	02/20/02	7R	
130190		330 W MAIN ST	ARTZ HOUSE	TUSTIN	P	1914	HIST.SURV.	2680-0708-0057	05/30/03	5B	ABC
							HIST.SURV.	2680-0008-0088	02/20/02	7R	
130191		340 W MAIN ST		TUSTIN	P	1914	HIST.SURV.	2680-0537-0000	05/30/03	3S	ABC
							HIST.SURV.	2680-0008-0089	02/20/02	7R	
130192		345 W MAIN ST		TUSTIN	P	1910	HIST.SURV.	2680-0708-0058	05/30/03	5B	C
							HIST.SURV.	2680-0008-0090	02/20/02	7R	
130193		350 W MAIN ST	LECK HOUSE	TUSTIN	P	1910	HIST.SURV.	2680-0539-0000	05/30/03	3S	ABC
							HIST.SURV.	2680-0008-0091	02/20/02	7R	
130194		400 W MAIN ST	LEIHY HOUSE	TUSTIN	P	1914	HIST.SURV.	2680-0540-0000	05/30/03	3S	BC
							HIST.SURV.	2680-0008-0092	02/20/02	7R	
130195		405 W MAIN ST		TUSTIN	P	1919	HIST.SURV.	2680-0708-0059	05/30/03	5B	AC
							HIST.SURV.	2680-0008-0093	02/20/02	7R	
130196		415 W MAIN ST		TUSTIN	P	1950	HIST.SURV.	2680-0542-0000	05/30/03	3S	C
							HIST.SURV.	2680-0008-0094	02/20/02	7R	
130205		420 W MAIN ST	CASE VANCE HOUSE	TUSTIN	P	1887	HIST.SURV.	2680-0543-0000	05/30/03	3S	ABC
							HIST.SURV.	2680-0008-0095	02/20/02	7R	
130444		425 W MAIN ST		TUSTIN	P	1952	HIST.SURV.	2680-0708-0147	05/30/03	5D1	C
							HIST.SURV.	2680-0008-0136	02/20/02	7R	
130206		430 W MAIN ST		TUSTIN	P	1887	HIST.SURV.	2680-0708-0060	05/30/03	5B	ABC
							HIST.SURV.	2680-0008-0096	02/20/02	7R	
130445		440 W MAIN ST		TUSTIN	P	1952	HIST.SURV.	2680-0008-0137	02/20/02	7R	
130446		445 W MAIN ST		TUSTIN	P	1952	HIST.SURV.	2680-0708-0148	05/30/03	5D1	C
							HIST.SURV.	2680-0304-0000	02/20/02	7R	
130207		455 W MAIN ST		TUSTIN	P	1905	HIST.SURV.	2680-0708-0061	05/30/03	5B	BC
							HIST.SURV.	2680-0008-0097	02/20/02	7R	
130447		500 W MAIN ST		TUSTIN	P	1952	HIST.SURV.	2680-0305-0000	02/20/02	7R	
130208		520 W MAIN ST		TUSTIN	P	1930	HIST.SURV.	2680-0546-0000	05/30/03	3S	BC
							HIST.SURV.	2680-0008-0098	02/20/02	7R	
130209		525 W MAIN ST		TUSTIN	P	1915	HIST.SURV.	2680-0547-0000	05/30/03	5S2	AC
							HIST.SURV.	2680-0008-0099	02/20/02	7R	
130448		545 W MAIN ST		TUSTIN	P	1952	HIST.SURV.	2680-0708-0149	05/30/03	5D1	C
							HIST.SURV.	2680-0306-0000	02/20/02	7R	
130210		555 W MAIN ST		TUSTIN	P	1881	HIST.SURV.	2680-0548-0000	05/30/03	3S	ABC
							HIST.SURV.	2680-0008-0100	02/20/02	7R	
130449		615 W MAIN ST		TUSTIN	P	1952	HIST.SURV.	2680-0008-0138	02/20/02	7R	
130450		620 W MAIN ST		TUSTIN	P	1952	HIST.SURV.	2680-0308-0000	02/20/02	7R	
130211		630 W MAIN ST		TUSTIN	P	1888	HIST.SURV.	2680-0549-0000	05/30/03	3S	C
							HIST.SURV.	2680-0008-0101	02/20/02	7R	
130451		645 W MAIN ST		TUSTIN	P	1952	HIST.SURV.	2680-0309-0000	02/20/02	7R	
130212		665 W MAIN ST		TUSTIN	P	1883	HIST.SURV.	2680-0550-0000	05/30/03	3S	ABC
							HIST.SURV.	2680-0008-0102	02/20/02	7R	
130452		675 W MAIN ST		TUSTIN	P	1952	HIST.SURV.	2680-0310-0000	02/20/02	7R	
130453		685 W MAIN ST		TUSTIN	P	1952	HIST.SURV.	2680-0311-0000	02/20/02	7R	
130454		695 W MAIN ST		TUSTIN	P	1952	HIST.SURV.	2680-0708-0150	05/30/03	5D1	BC
							HIST.SURV.	2680-0008-0139	02/20/02	7R	
130455		705 W MAIN ST		TUSTIN	P	1920	HIST.SURV.	2680-0708-0151	05/30/03	6L	C

OFFICE OF HISTORIC PRESERVATION * * * Directory of Properties in the Historic Property Data File for ORANGE County.						Page 285	04-05-12				
OPERTY-NUMBER	PRIMARY-#	STREET-ADDRESS.....	NAMES.....	CITY.NAME.....	OWN	YR-C	OHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
094259	30-162304	IRVINE BLVD	WORKERS' HOUSE #2752	(VIC) TUSTIN	P	1900	HIST.RES.	DOE-30-82-0002-0002	01/08/82	2D2	A
							PROJ.REVW.	FHWA910214A	03/13/91	7K	
							PROJ.REVW.	FHWA811130A	02/05/82	2D2	A
							HIST.RES.	DOE-30-82-0002-0003	01/08/82	2D2	A
094257	30-162302	IRVINE BLVD	WORKERS' HOUSE #2732	(VIC) TUSTIN	P	1900	PROJ.REVW.	FHWA910214A	03/13/91	7K	
							PROJ.REVW.	FHWA811130A	02/05/82	2D2	A
							HIST.RES.	DOE-30-82-0002-0001	01/08/82	2D2	A
094260	30-162305	2883 IRVINE BLVD	KRAUSS HOME	(VIC) TUSTIN	P	1897	PROJ.REVW.	FHWA910214A	03/13/91	7K	
							PROJ.REVW.	FHWA811130A	02/05/82	2D2	A
							HIST.RES.	DOE-30-82-0002-0004	01/08/82	2D2	A
094276	30-162313	MYFORD RD	ORIGINAL OFFICE BUILDING	(VIC) TUSTIN	P	1891	PROJ.REVW.	FHWA910214A	03/13/91	7K	
							PROJ.REVW.	FHWA811130A	02/05/82	2D2	A
							HIST.RES.	DOE-30-82-0002-0012	01/08/82	2D2	A
094275	30-162312	MYFORD RD	MESS HALL	(VIC) TUSTIN	P	1906	PROJ.REVW.	FHWA910214A	03/13/91	7K	
							PROJ.REVW.	FHWA811130A	02/05/82	2D2	A
							HIST.RES.	DOE-30-82-0002-0011	01/08/82	2D2	A
094269	30-162310	MYFORD RD	AGRILCULTURAL PLOTS	(VIC) TUSTIN	P		PROJ.REVW.	FHWA910214A	03/13/91	7K	
							PROJ.REVW.	FHWA811130A	02/05/82	2D2	A
							HIST.RES.	DOE-30-82-0002-0009	01/08/82	2D2	A
094264	30-162309	MYFORD RD	WELL AND SHED	(VIC) TUSTIN	P	1888	PROJ.REVW.	FHWA910214A	03/13/91	7K	
							PROJ.REVW.	FHWA811130A	02/05/82	2D2	A
							HIST.RES.	DOE-30-82-0002-0008	01/08/82	2D2	A
094262	30-162307	MYFORD RD	SITE OF IRVINE RESIDENCE	(VIC) TUSTIN	P	1876	PROJ.REVW.	FHWA910214A	03/13/91	7K	
							PROJ.REVW.	FHWA811130A	02/05/82	2D2	A
							HIST.RES.	DOE-30-82-0002-0006	01/08/92	2D2	
094278	30-162315	MYFORD RD	COMMISSARY BUILDING	(VIC) TUSTIN	P	1900	PROJ.REVW.	FHWA910214A	03/13/91	7K	
							PROJ.REVW.	FHWA811130A	02/05/82	2D2	A
							HIST.RES.	DOE-30-82-0002-0014	01/08/82	2D2	A
094277	30-162314	MYFORD RD	BUNKHOUSE	(VIC) TUSTIN	P	1906	PROJ.REVW.	FHWA910214A	03/13/91	7K	
							PROJ.REVW.	FHWA811130A	02/05/82	2D2	A
							HIST.RES.	DOE-30-82-0002-0013	01/08/82	2D2	A
094272	30-162311	13042 MYFORD RD	AG HEADQUARTERS BUILDING	(VIC) TUSTIN	P	1929	PROJ.REVW.	FHWA910214A	03/13/91	7K	
							PROJ.REVW.	FHWA811130A	02/05/82	2D2	A
							HIST.RES.	DOE-30-82-0002-0010	01/08/82	2D2	A
094263	30-162308	13102 MYFORD RD	COGAN HOUSE	(VIC) TUSTIN	P	1905	PROJ.REVW.	FHWA910214A	03/13/91	7K	
							PROJ.REVW.	FHWA811130A	02/05/82	2D2	A
							HIST.RES.	DOE-30-82-0002-0007	01/08/82	2D2	A
138457		10551 CENTER DR	VILLA PARK PRIMARY CLASSROOM	VILLA PARK	M	1924	HIST.RES.	NPS-02001725-0001	03/27/03	1D	C
131180		10551 CENTER DR	VILLA PARK SCHOOL / MOUNTAIN VIEW	VILLA PARK	C	1919	HIST.RES.	NPS-02001725-9999	03/27/03	1S	C
							NAT.REG.	30-0069	05/08/02	3S	C
136424		18922 SANTIAGO BLVD	SMITH & CLARK BROTHERS 'BEAR HOUSE	VILLA PARK	P	1915	HIST.RES.	NPS-83001222-0002	09/23/83	1D	AC
136423		18922 SANTIAGO BLVD	SMITH & CLARK BROTHERS WASH HOUSE	VILLA PARK	P	1911	HIST.RES.	NPS-83001222-0001	09/23/83	1D	AC
136425		18922 SANTIAGO BLVD	SMITH & CLARK BROTHERS 'GYM'	VILLA PARK	P	1915	HIST.RES.	NPS-83001222-0003	09/23/83	1D	AC
136427		18922 SANTIAGO BLVD	SMITH & CLARK BROTHERS GARAGE	VILLA PARK	P	1950	HIST.RES.	NPS-83001222-0004	09/23/83	6X	
039451	30-160083	18922 SANTIAGO BLVD	SMITH & CLARK BROS RANCH HOUSE & G	VILLA PARK	P	1881	HIST.RES.	NPS-83001222-9999	09/23/83	1S	AC
039578	30-160209		EARL FRUIT COMPANY SITE	WESTMINSTER	U	1891	HIST.SURV.	2683-0002-0000		7R	
184461			STREET IMPROVMENT PROJ., HUMBOLDT A	WESTMINSTER	M		PROJ.REVW.	HUD101129F	12/17/10	6Y	
172597		7832 24TH ST		WESTMINSTER	P	1954	PROJ.REVW.	HUD080702E	07/28/08	6Y	
172595		6181 BANNOCK RD		WESTMINSTER	P	1957	PROJ.REVW.	HUD080702F	07/28/08	6Y	
187332		15557 BEACH BLVD		WESTMINSTER	P	1963	PROJ.REVW.	FHWA110826B	10/20/11	6Y	

PROPERTY-NUMBER	PRIMARY-#	STREET-ADDRESS.....	NAMES.....	CITY-NAME.....	OWN	YR-C	OHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
187333		15621 BEACH BLVD	DRIFTWOOD MOBILE HOME PARK	WESTMINSTER	P	1962	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187431		7521 BENTON AVE		WESTMINSTER	P	1965	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187430		7541 BENTON AVE		WESTMINSTER	P	1965	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187429		7601 BENTON AVE		WESTMINSTER	P	1965	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187428		7631 BENTON AVE		WESTMINSTER	P	1965	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187427		7641 BENTON AVE		WESTMINSTER	P	1965	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187426		7651 BENTON AVE		WESTMINSTER	P	1965	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187422		13121 BUCKINGHAM CR		WESTMINSTER	P	1959	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
133256		13782 CHARLEVILLE DR		WESTMINSTER	P	1947	HIST. RES.	DOE-30-02-0007-0000	09/11/02	6Y	
							PROJ. REVW.	HUD020906C	09/11/02	6Y	
177352		13291 CHERRY ST		WESTMINSTER	P	1956	PROJ. REVW.	HUD100113D	01/25/10	6Y	
184462		14400 CHESTNUT ST	WESTMINSTER BOYS AND GIRLS CLUB	WESTMINSTER	P	1972	PROJ. REVW.	HUD101129R	12/17/10	6Y	
187326		8490 DREY RD		WESTMINSTER	P	1960	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187400		13011 EDWARDS ST		WESTMINSTER	P	1955	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187401		13201 EDWARDS ST		WESTMINSTER	P	1955	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
184463		13521 EDWARDS ST	FINLEY ELEMENTARY SCHOOL	WESTMINSTER	M	1957	PROJ. REVW.	HUD110822G	08/26/11	6Y	
							PROJ. REVW.	HUD101129S	12/17/10	6Y	
187404		6312 GARDEN GROVE BLVD		WESTMINSTER	P	1964	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187448		6782 GARDEN GROVE BLVD		WESTMINSTER	P	1955	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187447		6802 GARDEN GROVE BLVD		WESTMINSTER	P	1955	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187325		8511 HEIL AVE	STERLING LIQUOR MARKET	WESTMINSTER	P	1961	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187354		6531 HOMER ST		WESTMINSTER	P	1959	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
084848	30-162163	6571 HOMER ST		WESTMINSTER	P	1939	PROJ. REVW.	HUD931110C	12/08/93	6Y	
177358		6942 HUMBOLDT AVE		WESTMINSTER	P	1955	PROJ. REVW.	HUD100113F	01/25/10	6Y	
177348		13502 ILLINOIS ST		WESTMINSTER	P	1958	PROJ. REVW.	HUD100113C	01/25/10	6Y	
187330		16320 JODY CR		WESTMINSTER	P	1960	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187329		16400 JODY CR		WESTMINSTER	P	1960	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187328		16430 JODY CR		WESTMINSTER	P	1960	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
177740		6175 KIOWA RD		WESTMINSTER	P	1952	PROJ. REVW.	HUD100201N	02/03/10	6Y	
187322		16411 LAURA WY		WESTMINSTER	P	1962	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187323		16441 LAURA WY		WESTMINSTER	P	1960	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187389		6201 MAHOGANY AVE		WESTMINSTER	P	1955	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
177356		13781 MANOR DR		WESTMINSTER	P	1947	PROJ. REVW.	HUD100113E	01/25/10	6Y	
184956		7272 MAPLE ST		WESTMINSTER	M		PROJ. REVW.	HUD110822E	08/26/11	6Y	
187418		5541 MEINHARDT RD		WESTMINSTER	P	1963	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187417		5601 MEINHARDT RD		WESTMINSTER	P	1963	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187416		5641 MEINHARDT RD		WESTMINSTER	P	1963	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187415		5661 MEINHARDT RD		WESTMINSTER	P	1963	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187414		5671 MEINHARDT RD		WESTMINSTER	P	1963	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187413		5711 MEINHARDT RD		WESTMINSTER	P	1962	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187412		5751 MEINHARDT RD		WESTMINSTER	P	1962	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187411		5811 MEINHARDT RD		WESTMINSTER	P	1962	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187410		5851 MEINHARDT RD		WESTMINSTER	P	1961	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187409		5871 MEINHARDT RD		WESTMINSTER	P	1962	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187408		5921 MEINHARDT RD		WESTMINSTER	P	1962	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187407		5931 MEINHARDT RD		WESTMINSTER	P	1962	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187405		5982 MEINHARDT RD		WESTMINSTER	P	1965	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187435		7271 NATAL DR		WESTMINSTER	P	1959	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187434		7321 NATAL DR		WESTMINSTER	P	1957	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187433		7331 NATAL DR		WESTMINSTER	P	1957	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187432		7391 NATAL DR		WESTMINSTER	P	1957	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
187304		8791 NEPTUNE CR		WESTMINSTER	P	1961	PROJ. REVW.	FHWA110826B	10/20/11	6Y	
184959		7200 PLAZA ST	WESTMINSTER FAMILY RESOURCE CENTE	WESTMINSTER	M	1972	PROJ. REVW.	HUD110922E	09/22/11	6Y	
							PROJ. REVW.	HUD110822F	08/26/11	6Y	
184465		RALPH LANE	RALPH LANE POCKET PARK	WESTMINSTER	M		PROJ. REVW.	HUD101129T	12/17/10	6Y	
187388		6342 ROCHELLE AVE		WESTMINSTER	P	1958	PROJ. REVW.	FHWA110826B	10/20/11	6Y	

Report List

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
OR-00586		1980	Douglas, Ronald D.	Assessment of Cultural/scientific Resources, Village 12, Sce Hvtl Relocation, Irvine, California		30-000341
OR-00621		1981	Weisbord, Jill	Cultural Resource Survey of the Irvine Center Da, Village 13	LSA Associates, Inc.	
OR-00754		1984	Padon, Beth	Cultural Resource Assessment, Irvine Center Project, Orange County, California	LSA Associates, Inc.	
OR-00771		1985	Padon, Beth	Archaeological Assessment of the Irvine Technology Center of Irvine	Larry Seeman Associates, Inc.	
OR-00787	Paleo -	1985	Padon, Beth	Archaeological and Paleontological Monitoring for the Irvine Center Project	LSA Associates, Inc.	
OR-00808		1979	Unknown	Final Environmental Impact Report Regional Domestic Water Storage and Transmission Facilities From Diemer/sac and Wellfield Systems to Existing Distribution Network	Culp/Wesner,Culp	30-000344, 30-000349, 30-000382, 30-000383
OR-00814		1982	Romani, John F.	Historic Property Survey Route I-5 Santa Ana Transportation Corridor, Route 405 in Orange County to Route 605 in Los Angeles County Pm 21.30/44.38; 0.00/6.85	Caltrans	
OR-00847		1985	Padon, Beth	Archaeological Resource Inventory City of Irvine and its Sphere of Influence	LSA Associates, Inc.	30-000161, 30-000349, 30-000361, 30-000383, 30-000478, 30-000494, 30-000495, 30-000496, 30-000499, 30-000545, 30-000601, 30-000734, 30-000735, 30-000767, 30-000803, 30-000804, 30-000805, 30-000806, 30-000807, 30-000808
OR-00868		1987	Padon, Beth	Historic Property Survey Report for the I-5/I-405 Confluence City of Irvine, Ca	LSA Associates, Inc.	
OR-00906		1988	Padon, Beth and Pat Jertberg	Cultural Resources Report for the San Diego Creek Drainage Basin Project Level Facilities Orange County,	LSA Associates, Inc.	
OR-00972	Paleo -	1989	Jertberg, Patricia R.	Archaeological and Paleontological Monitoring at Spectrum I Parcel #87-212	LSA Associates, Inc.	
OR-00991	Paleo -	1989	Jertberg, Patricia R.	Archaeological and Paleontological Monitoring at Multi-modal Transportation Center: Dear Steve:	LSA Associates, Inc.	
OR-01098		1991	Padon, Beth	Cultural/scientific Resources Assessment for Planning Area 13	LSA Associates, Inc.	

Report List

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
OR-01099		1979	Cooley, Theodore G.	Archaeological Resources Assessment Conducted for Proposed Irvine Ranch Water District Pipeline Right of Ways	Archaeological Resource Management Corp.	30-000344, 30-000349, 30-000382, 30-000383, 30-000556, 30-000647, 30-000806, 30-000807, 30-000808, 30-000809, 30-000810, 30-000811
OR-01297		1993	Bissell, Ronald M.	Cultural Resources Reconnaissance of a Small Parcel of Land Near in Irvine, Orange County, California	RMW Paleo Associates, Inc.	
OR-01402		1994	Brock, James P.	Cultural Resources Assessment for the Irvine Desalter Project, Irvine, California	Archaeological Advisory Group	
OR-01413		1993	Whitney-Desautels, Nancy A. and David A. Kice	Cultural Resources Assessment of the Irvine Ranch Water District Alternate Aqueous Waste Disposal Facility Sites, Orange County, California	Scientific Resource Surveys, Inc.	
OR-01624	Paleo -	1997	Govena, Fran	Archaeological and Paleontological Monitoring Results for Pm97-114 Western Digital Site, Irvine, Orange County, California	Petra Resources Inc.	
OR-01844		1991	Webb, Lois M.	Request for Finding of Effect for the Proposed Eastern Transportation Corridor	P&D Technologies	30-000303, 30-000478, 30-000770, 30-001068, 30-001238, 30-001241, 30-001246, 30-161858
OR-01902		1985		Hiistoric Property Survey 07ORA-133	Caltrans	
OR-01944		1984	Unknown	Draft Environmental Impact Report East Irvine Historical Site, Irvine, California	Sanchez Talarico Associates	30-161873, 30-161874
OR-02267	Paleo -	2000	Hunt, Kevin P.	An Archaeological and Paleontological Survey of the Irvine Spectrum Gpa Project	Brian F. Smith and Associates	30-000161, 30-000341, 30-000391, 30-000432, 30-000495, 30-000499, 30-000551, 30-000602, 30-000768, 30-000769, 30-000904, 30-001011, 30-001034, 30-001069, 30-001110, 30-100297, 30-100298
OR-02336	Paleo -	2000	Demcak, Carol R.	Final Report on Archaeological and Paleontological Monitoring Program Conducted at Spectrum 5, Irvine, Orange County, California	Archaeological Resource Management Corp.	
OR-02636		2003	Brown, Joan C.	A Cultural Resources Literature Study and Field Reconnaissance for the Natural Treatment System Master Plan Facilities, Orange County, California	SWCA Environmental Consultants, Inc.	
OR-02649		1997	Allen, Rebecca	Archeological Survey Report Marine Corps Air Station, El Toro	KEA Environmental, Inc	30-000755, 30-000756, 30-000757, 30-000758, 30-000759, 30-000760, 30-000961, 30-001356, 30-001462

Report List

Low RS Update

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
OR-02939		2002	Kyle, Carolyn E.	Cultural Resource Assessment for a Cellular Tower Site Located at the Irvine Transportation Center City of Irvine, Orange County, California	Kyle Consulting	
OR-03277		1985	Casen, George A., Romani, John, and Webb, Lois	The Proposed Project Is the Widening and General Improvement of Interstate Route 5 Between Route 405 and Route 55 in Orange County, California	Caltrans	
OR-03285		2006	Fulton, Terri and Deborah McLean	Archaeological Mitigation Monitoring Report for the Irvine Desalter Pipelines Project	LSA Associates, Inc.	
OR-03293		2003	Mason, Roger D.	Historic Property Survey Report for the Sand Canyon Grade Separation Project in the City of Irvine, Orange County, California	Chambers Group, Inc.	30-161870, 30-161872, 30-161873, 30-161874, 30-161875
OR-03366	Paleo -	2006	Commendador-Dudgeon, Amy	Archaeological and Paleontological Monitoring at the Spectrum 1, Temporary Parking Lot Project, Plan Check No. 00394424-gpre, in the City of Irvine	Discovery Works, Inc.	
OR-03373		2006	Arrington, Cindy and Nancy Sikes	Cultural Resources Final Report of Monitoring and Findings for the Qwest Network Construction Project State of California: Volumes I and II	SWCA Environmental Consultants, Inc.	
OR-03392		2004	Strudwick, Ivan H.	Cultural Resource Survey of the Proposed Irvine Desalter Project, City of Irvine, Orange County, California	LSA Associates, Inc.	19-000373
OR-03825		2000	Drover, Christopher	A Cultural Resources Inventory of Planning Area 9B and 9C, Irvine, California	The Keith Companies, Inc.	
OR-03917		2010	McKenna, Jeanette A.	Historic Resource Evaluation Report: Hangar 244 of the Former El Toro Marine Corps Air Station (MCAS) and now Located Within the Orange County Great Park, Orange County, California (Project No. B-09-SP-CA-0359).	McKenna et al.	30-176545, 30-177038
OR-03933		2010	Fitzgerald, Maggie	Orange County Great Park, Cultural Resources Monitoring Report	URS Corporation	30-100124
OR-04048		2009	Wlodarski, Robert J.	Cultural Resources Record Search and Archaeological Survey Results for the proposed Royal Street Communications, California, LLC, Site LA0857C (Oeste Park) located at 2300 West Lambert Road, La Habra, Orange County, California 90631	Historical, Environmental, Archaeological, Research, Team	

Report List

Lowe RS Update

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
OR-04223		2011	Flynn, Chris	Notification of Finding of No Adverse Effect with Standard Conditions for the Bridge Deck Maintenance and Sealing at 30 Locations Throughout Orange County, California	Department of Transportation	
OR-04403		2014	Strudwick, Ivan	Cultural Resource Monitoring Report for the Sand Canyon Avenue Undercrossing Project, City of Irvine County of Orange, California	LSA Associates	
OR-04478		2013	Strudwick, Ivan	Cultural Resource Analysis for the Technology Drive Extension Project in th City opf Irvine, Orange County, California	LSA Associates	

ATTACHMENT B
PALEONTOLOGICAL RESOURCES RECORDS SEARCH

Natural History Museum
of Los Angeles County
900 Exposition Boulevard
Los Angeles, CA 90007

tel 213.763.DINO
www.nhm.org



Vertebrate Paleontology Section
Telephone: (213) 763-3325
Fax: (213) 746-7431
e-mail: smcleod@nhm.org

26 March 2015

BonTerra Psomas
3 Hutton Centre Drive, Suite 200
Santa Ana, CA 92707

Attn: David M. Smith, Senior Archaeologist

re: Paleontological Resources for the proposed MCAS El Toro 100 Acre Parcel Project,
BonTerra Psomas Project # 3LOW000100, in the City of Irvine, Orange County, project
area

Dear David:

I have conducted a thorough search of our Vertebrate Paleontology records for the proposed MCAS El Toro 100 Acre Parcel Project, BonTerra Psomas Project # 3LOW000100, in the City of Irvine, Orange County, project area as outlined on the portions of the Tustin and El Toro USGS topographic quadrangle maps that you sent to me via e-mail on 11 March 2015. We do not have any vertebrate fossil localities that lie within the project boundaries, but we do have localities nearby from the same sedimentary units that may occur as subsurface deposits in the proposed project area.

The entire proposed project area has surficial deposits composed of younger Quaternary Alluvium, primarily derived as alluvial fan deposits from the hills to the east. These deposits usually do not contain significant vertebrate fossils, at least in the uppermost layers, but they may be underlain by older Quaternary deposits. Our closest vertebrate fossil locality from these older Quaternary deposits is LACM 7867, immediately northeast of the proposed project area near the intersection of C Street and 5th Street, that produced fossil specimens of pocket gopher, *Thomomys*, at a depth of 25 feet below the surface. Our next closet vertebrate fossil from these deposits is LACM 7713, southwest of the proposed project area on the western side of the Laguna Freeway (Highway 133) at the southern end of the interchange with the San Diego

Freeway (I-405), that produced a fossil specimen of ground sloth, Mylodontidae, from unstated but shallow depth.

Grading or shallow excavations in the uppermost few feet of the younger Quaternary alluvial sediments in the proposed project site area are unlikely to uncover significant fossil vertebrate remains. Deeper excavations at the proposed project site area, however, may well encounter significant vertebrate fossils in older Quaternary sediments. Any substantial excavations below the uppermost layers, therefore, should be closely monitored to quickly and professionally collect any specimens without impeding development. Sediment samples should also be collected and processed to determine the small fossil potential in the proposed project area. Any fossils recovered during mitigation should be deposited in an accredited and permanent scientific institution for the benefit of current and future generations.

This records search covers only the vertebrate paleontology records of the Natural History Museum of Los Angeles County. It is not intended to be a thorough paleontological survey of the proposed project area covering other institutional records, a literature survey, or any potential on-site survey.

Sincerely,

A handwritten signature in cursive script that reads "Samuel A. McLeod".

Samuel A. McLeod, Ph.D.
Vertebrate Paleontology

enclosure: invoice

ATTACHMENT C
NATIVE AMERICAN HERITAGE COMMISSION

TRANSMITTAL

DATE: March 10, 2015

TO: Ms. Katy Sanchez
Associate Government Program
Analyst
Native American Heritage Comm.
1550 Harbor Boulevard, Ste. 100
West Sacramento, CA 95691

FAX NUMBER: (916) 373-3710
TEL NUMBER: (916) 373-5471
PROJECT: 3LOW000100
FROM: Patrick O. Maxon

Fax / Pages E-Mail Fed Ex / Overnight Express Delivery / Courier

REGARDING: Sacred Lands File Search and Contact List Request

Dear Ms. Sanchez:

BonTerra Psomas has been retained to complete a cultural resources study for the proposed **El Toro Development Plan** located in the City of Irvine, Orange County, California. This project requires a General Plan Amendment and is therefore subject to the statutory requirements of Senate Bill 18; however, SB 18 consultation will be conducted by the City of Irvine at a later date.

At your earliest convenience, please conduct a search of the Sacred Lands File and provide a tribal contact list for the proposed project, located within Sections 6, 7, and 8 (Township 6 South; Range 8 West) of the USGS **El Toro and Tustin, CA** 7.5 Minute Quadrangles. Refer to attached exhibit.

The project proposes a mixed-used, low-impact development (LID) that will maximize the benefit derived from proximity to the Regional Transportation Center. Proposed uses include multi-use office (1,876,000 square feet); 2,103 dwelling units; Community Commercial (220,000 square feet); and a hotel (242 rooms). A development plan will be processed that provides development guidelines. Once approved by the County of Orange, the City of Irvine will be requested to process a General Plan Amendment (for modification on Table A-1 of the Land Use Element) and a zone change to designate the site 8.1C in the Trails and Transit Oriented Development zone.

Please fax the results to me at (714) 545-8883, or e-mail to Patrick.Maxon@Psomas.com, referencing your letter to the "**El Toro Development Plan**". If you have any questions or require any additional information, please do not hesitate to contact me at (714) 751-7373 or via email.

Sincerely,
BonTerra Psomas



Patrick O. Maxon, M.A., RPA
Director, Cultural Resources

STATE OF CALIFORNIAEdmund G. Brown, Jr., Governor**NATIVE AMERICAN HERITAGE COMMISSION**

1550 Harbor Blvd., ROOM 100
West SACRAMENTO, CA 95691
(916) 373-3710
Fax (916) 373-5471



March 23, 2015

Patrick Maxon
BonTerra Psomas
2 Executive Circle, Suite 175
Irvine, CA 92614

Sent by Fax: (714) 545-8883
Number of Pages: 2

Re: Old Newport Boulevard Improvements Project, Newport Beach, Orange County.

Dear Mr. Maxon,

A record search of the sacred land file has failed to indicate the presence of Native American cultural resources in the immediate project area. The absence of specific site information in the sacred lands file does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Enclosed is a list of Native Americans individuals/organizations who may have knowledge of cultural resources in the project area. The Commission makes no recommendation or preference of a single individual, or group over another. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated, if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe or group. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from any of these individuals or groups, please notify me. With your assistance we are able to assure that our lists contain current information. If you have any questions or need additional information, please contact me at (916) 373-3712.

Sincerely,

A handwritten signature in black ink that reads "Katy Sanchez".

Katy Sanchez
Associate Government Program Analyst

**Native American Contact List
Orange County
March 19, 2015**

**Juaneno Band of Mission Indians Acjachemen
Chairperson**
32161 Avenida Los Amigos Juaneno
San Juan Capistrano CA 92675
(949) 293-8522

**Juaneno Band of Mission Indians
Anita Espinoza**
639 Hotten Road Juaneno
Talent , Or 97540
neta777@sbcglobal.net

**Juaneno Band of Mission Indians Acjachemen
Teresa Romero, Chairwoman**
31411-A La Matanza Street Juaneno
San Juan Capistrano CA 92675
tromero@juaneno.com
(949) 488-3484
(530) 354-5876 Cell
(949) 488-3294 Fax

**United Coalition to Protect Panhe (UCPP)
Rebecca Robles**
119 Avenida San Fernando Juaneno
San Clemente CA 92672
rebrobles1@gmail.com
(949) 573-3138

**Juaneno Band of Mission Indians
Adolph 'Bud' Sepulveda, Vice Chairperson**
P.O. Box 25828 Juaneno
Santa Ana , CA 92799
bssepul@yahoo.net
(714) 838-3270
(714) 914-1812 Cell

**Juaneno Band of Mission Indians Acjachemen Nation
Joyce Perry, Representing Tribal Chairperson**
4955 Paseo Segovia Juaneno
Irvine , CA 92612
kaamalam@gmail.com
(949) 293-8522

**Juaneno Band of Mission Indians
Sonia Johnston, Tribal Chairperson**
P.O. Box 25628 Juaneno
Santa Ana , CA 92799
sonia.johnston@sbcglobal.net

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of the statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting locative Americans with regard to cultural resources for the proposed Old Newport Boulevard Improvements Project, City of Newport Beach, Orange County.

STATE OF CALIFORNIA

Edmund G. Brown, Jr., Governor

NATIVE AMERICAN HERITAGE COMMISSION

1550 Harbor Blvd., ROOM 100
West SACRAMENTO, CA 95661
(916) 373-3710
Fax (916) 373-5471



March 23, 2015

Patrick Maxon
BonTerra Psomas
2 Executive Circle, Suite 175
Irvine, CA 92614

Sent by Fax: (714) 545-8883
Number of Pages: 2

Re: El Toro Development Plan, Orange County.

Dear Mr. Maxon,

A record search of the sacred land file has failed to indicate the presence of Native American cultural resources in the immediate project area. The absence of specific site information in the sacred lands file does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

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If you receive notification of change of addresses and phone numbers from any of these individuals or groups, please notify me. With your assistance we are able to assure that our lists contain current information. If you have any questions or need additional information, please contact me at (916) 373-3712.

Sincerely,

A handwritten signature in cursive script that reads "Katy Sanchez".

Katy Sanchez
Associate Government Program Analyst

**Native American Contact List
Orange County
March 19, 2015**

**Juaneno Band of Mission Indians Acjachemen
Chairperson**

32161 Avenida Los Amigos Juaneno
San Juan Capistrano CA 92675
(949) 293-8522

**Juaneno Band of Mission Indians
Anita Espinoza**

639 Holten Road Juaneno
Talent , Or 97540
neta777@sbcglobal.net

**Juaneno Band of Mission Indians Acjachemen
Teresa Romero, Chairwoman**

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Joyce Perry, Representing Tribal Chairperson
4955 Paseo Segovia Juaneno
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(949) 293-8522

**Juaneno Band of Mission Indians
Sonia Johnston, Tribal Chairperson**

P.O. Box 25628 Juaneno
Santa Ana , CA 92799
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This list is only applicable for contacting locative Americans with regard to cultural resources for the proposed El Toro Development Plan, City of Irvine, Orange County.



March 24, 2015

Chairperson
Juaneño Band of Mission Indians Acjachemen Nation
32161 Avenida Los Amigos
San Juan Capistrano, California 92675-3702

Subject: El Toro Development Plan

Dear Chairperson:

BonTerra Psomas has been retained to complete a cultural resources study for the proposed El Toro Development Plan located in the City of Irvine, Orange County, California. This project requires a General Plan Amendment and is therefore subject to the statutory requirements of Senate Bill 18; however, SB 18 consultation will be conducted by the City of Irvine at a later date.

Under the requirements of Section 106 of the National Historic Preservation Act, this letter is to inform you of the proposed project and the opportunity to consult, and to request any relevant information you may have regarding cultural resources on or near the project site.

Location

The project location is shown on the USGS *El Toro and Tustin, CA* 7.5 Minute Quadrangle(s) in Sections 6, 7 and 8 (Township 6 South; Range 8 West) (*S.B.B.M.*). Refer to attached exhibit.

Project

The project proposes a mixed-used, low-impact development (LID) that will maximize the benefit derived from proximity to the Regional Transportation Center. Proposed uses include multi-use office (1,876,000 square feet); 2,103 dwelling units; Community Commercial (220,000 square feet); and a hotel (242 rooms). A development plan will be processed that provides development guidelines. Once approved by the County of Orange, the City of Irvine will be requested to process a General Plan Amendment (for modification on Table A-1 of the Land Use Element) and a zone change to designate the site 8.1C in the Trails and Transit Oriented Development zone.

NAHC Notification

A Sacred Lands File Search conducted by the Native American Heritage Commission (NAHC) failed to indicate the presence of Native American cultural places on the project site. The NAHC also provided BonTerra Psomas with a list of Native American individuals/organizations that may have knowledge of cultural resources in the project area. Your name and contact information was included on the list and serves as the basis for this letter.

3 Hutton Centre Drive
Suite 200
Santa Ana, CA 92707

Tel 714.751.7373
www.Psomas.com

Chairperson
March 24, 2015
Page 2

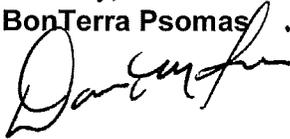
Records Search

A cultural resources records search was conducted at the South Central Coastal Information (SCCIC) at California State University, Fullerton on February 25, 2015 to evaluate the existing conditions of the project site; however, no recorded prehistoric Native American sites were identified on the project site.

Your participation in this local planning process is important. If you have any additional knowledge of Native American Sacred Lands or other cultural resources on or near the study area, or would like to consult on the project, please contact me at your earliest convenience at (714) 751-7373 or via email at David.Smith@Psomas.com, with a subject line referencing the "El Toro Development Plan".

Sincerely,

BonTerra Psomas .

A handwritten signature in black ink, appearing to read "David M. Smith", written over the printed name.

David M. Smith
Senior Archaeologist



March 24, 2015

Ms. Anita Espinoza
Juaneño Band of Mission Indians
639 Holten Road
Talent, Oregon 97540

Subject: El Toro Development Plan

Dear Ms. Espinoza:

BonTerra Psomas has been retained to complete a cultural resources study for the proposed El Toro Development Plan located in the City of Irvine, Orange County, California. This project requires a General Plan Amendment and is therefore subject to the statutory requirements of Senate Bill 18; however, SB 18 consultation will be conducted by the City of Irvine at a later date.

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Ms. Anita Espinoza
March 24, 2015
Page 2

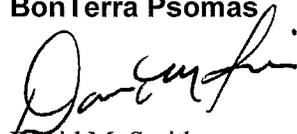
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Sincerely,

BonTerra Psomas

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David M. Smith
Senior Archaeologist



March 24, 2015

Ms. Sonia Johnston, Tribal Chairperson
Juaneño Band of Mission Indians
P.O. Box 25628
Santa Ana, California 92799

Subject: El Toro Development Plan

Dear Ms. Johnston:

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Ms. Sonia Johnston
March 24, 2015
Page 2

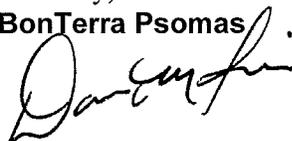
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Sincerely,

BonTerra Psomas .



David M. Smith
Senior Archaeologist



March 24, 2015

Ms. Joyce Perry, Representing Tribal Chairperson
Juaneño Band of Mission Indians Acjachemen Nation
4955 Paseo Segovia
Irvine, California 92612

Subject: El Toro Development Plan

Dear Ms. Perry, Representing Tribal Chairperson:

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Ms. Joyce Perry, Representing Tribal Chairperson
March 24, 2015
Page 2

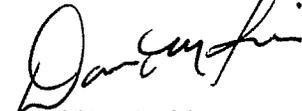
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Sincerely,

BonTerra Psomas

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David M. Smith
Senior Archaeologist



March 24, 2015

Ms. Rebecca Robles
United Coalition to Protect Panhe (UCPP)
119 Avenida San Fernando
San Clemente, California 92672

Subject: El Toro Development Plan

Dear Ms. Robles:

BonTerra Psomas has been retained to complete a cultural resources study for the proposed El Toro Development Plan located in the City of Irvine, Orange County, California. This project requires a General Plan Amendment and is therefore subject to the statutory requirements of Senate Bill 18; however, SB 18 consultation will be conducted by the City of Irvine at a later date.

Under the requirements of Section 106 of the National Historic Preservation Act, this letter is to inform you of the proposed project and the opportunity to consult, and to request any relevant information you may have regarding cultural resources on or near the project site.

Location

The project location is shown on the USGS *El Toro and Tustin, CA 7.5 Minute Quadrangle(s)* in Sections 6, 7 and 8 (Township 6 South; Range 8 West) (*S.B.B.M.*). Refer to attached exhibit.

Project

The project proposes a mixed-used, low-impact development (LID) that will maximize the benefit derived from proximity to the Regional Transportation Center. Proposed uses include multi-use office (1,876,000 square feet); 2,103 dwelling units; Community Commercial (220,000 square feet); and a hotel (242 rooms). A development plan will be processed that provides development guidelines. Once approved by the County of Orange, the City of Irvine will be requested to process a General Plan Amendment (for modification on Table A-1 of the Land Use Element) and a zone change to designate the site 8.1C in the Trails and Transit Oriented Development zone.

NAHC Notification

A Sacred Lands File Search conducted by the Native American Heritage Commission (NAHC) failed to indicate the presence of Native American cultural places on the project site. The NAHC also provided BonTerra Psomas with a list of Native American individuals/organizations that may have knowledge of cultural resources in the project area. Your name and contact information was included on the list and serves as the basis for this letter.

3 Hutton Centre Drive
Suite 200
Santa Ana, CA 92707

Tel 714.751.7373
www.Psomas.com

Ms. Rebecca Robles
March 24, 2015
Page 2

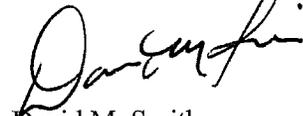
Records Search

A cultural resources records search was conducted at the South Central Coastal Information (SCCIC) at California State University, Fullerton on February 25, 2015 to evaluate the existing conditions of the project site; however, no recorded prehistoric Native American sites were identified on the project site.

Your participation in this local planning process is important. If you have any additional knowledge of Native American Sacred Lands or other cultural resources on or near the study area, or would like to consult on the project, please contact me at your earliest convenience at (714) 751-7373 or via email at David.Smith@Psomas.com, with a subject line referencing the "El Toro Development Plan".

Sincerely,

BonTerra Psomas

A handwritten signature in black ink, appearing to read "David M. Smith", written over the printed name.

David M. Smith
Senior Archaeologist



March 24, 2015

Ms. Teresa Romero, Chairwoman
Juaneño Band of Mission Indians Acjachemen Nation
31411-A La Matanza Street
San Juan Capistrano, California 92675

Subject: El Toro Development Plan

Dear Ms. Romero:

BonTerra Psomas has been retained to complete a cultural resources study for the proposed El Toro Development Plan located in the City of Irvine, Orange County, California. This project requires a General Plan Amendment and is therefore subject to the statutory requirements of Senate Bill 18; however, SB 18 consultation will be conducted by the City of Irvine at a later date.

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Project

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NAHC Notification

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Ms. Teresa Romero
March 24, 2015
Page 2

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Sincerely,

BonTerra Psomas



David M. Smith
Senior Archaeologist



March 24, 2015

Mr. Bud Sepulveda, Vice Chairperson
Juaneño Band of Mission Indians
P.O. Box 25828
Santa Ana, California 92799

Subject: El Toro Development Plan

Dear Mr. Sepulveda:

BonTerra Psomas has been retained to complete a cultural resources study for the proposed El Toro Development Plan located in the City of Irvine, Orange County, California. This project requires a General Plan Amendment and is therefore subject to the statutory requirements of Senate Bill 18; however, SB 18 consultation will be conducted by the City of Irvine at a later date.

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Project

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NAHC Notification

A Sacred Lands File Search conducted by the Native American Heritage Commission (NAHC) failed to indicate the presence of Native American cultural places on the project site. The NAHC also provided BonTerra Psomas with a list of Native American individuals/organizations that may have knowledge of cultural resources in the project area. Your name and contact information was included on the list and serves as the basis for this letter.

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Mr. Bud Sepulveda
March 24, 2015
Page 2

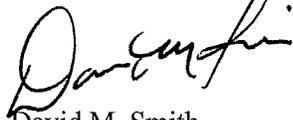
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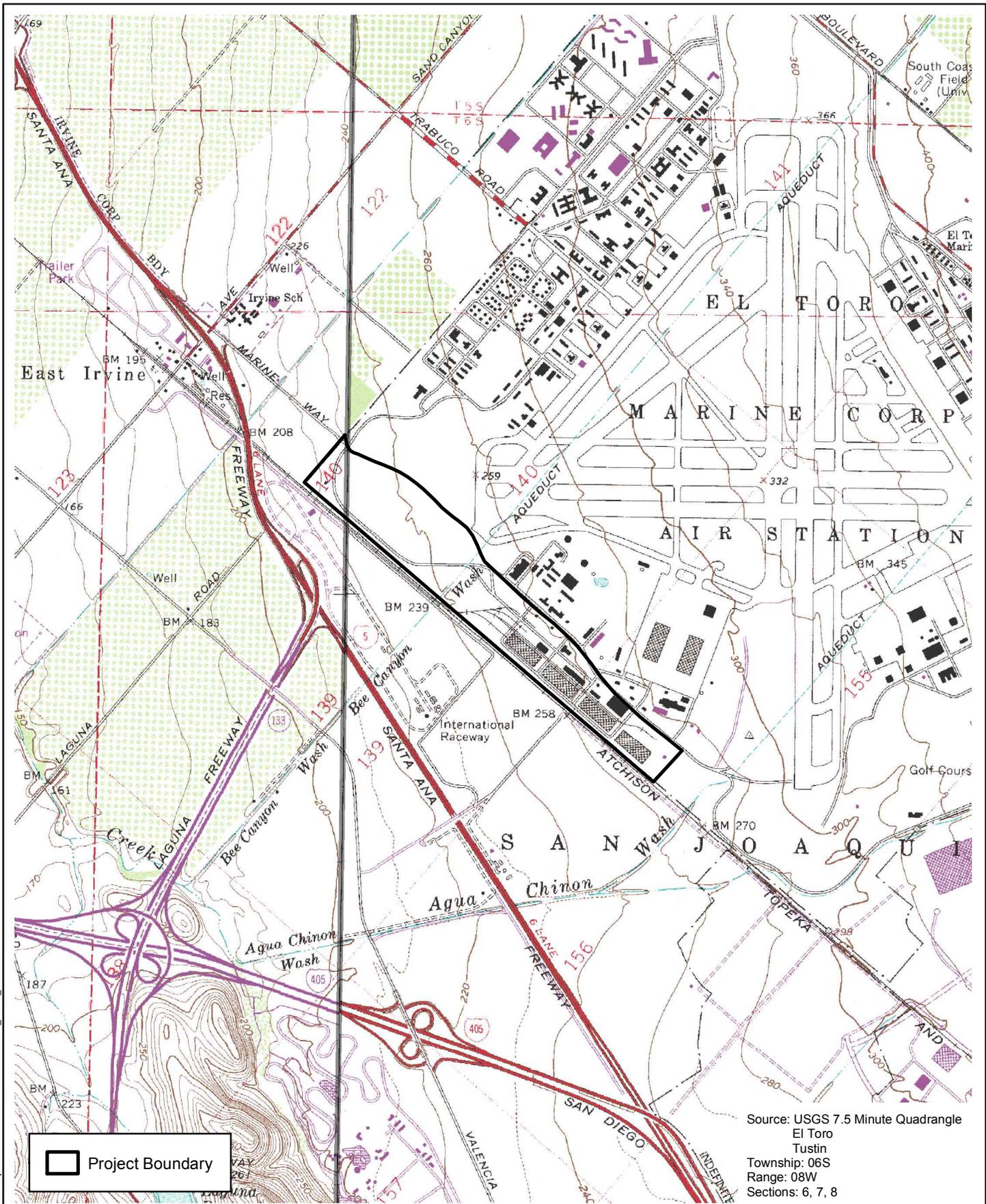
Your participation in this local planning process is important. If you have any additional knowledge of Native American Sacred Lands or other cultural resources on or near the study area, or would like to consult on the project, please contact me at your earliest convenience at (714) 751-7373 or via email at David.Smith@Psomas.com, with a subject line referencing the "El Toro Development Plan".

Sincerely,

BonTerra Psomas

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David M. Smith
Senior Archaeologist



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 Project Boundary

Source: USGS 7.5 Minute Quadrangle
 El Toro
 Tustin
 Township: 06S
 Range: 08W
 Sections: 6, 7, 8

Project Site

El Toro Development Plan

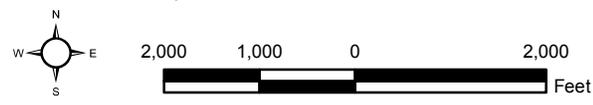


Exhibit 1



ATTACHMENT D
PERSONNEL QUALIFICATIONS

David Smith

Project Manager/Senior Archaeologist

EDUCATION

1991 / Bachelor of Science,
Anthropology / University of
California, Riverside, CA

PROFESSIONAL CERTIFICATIONS

Certified Archaeologist, Orange
County Environmental
Management Agency.

Certified Archaeologist, Riverside
County #218.

Principle Investigator, Southern
California, Bureau of Land
Management

Hazwoper 40 Hour Certification
2014-2015

MEDIC First Aid Basic Plus 2013 -
2015

David Smith has 25 years of experience as a principal investigator, field director, project archaeologist, and project manager. His federal agency experience has included Bureau of Land Management (BLM), Bureau of Reclamation (BOR), National Forest Service (NFS), National Park Service (NPS), and the USACE. He managed properties, pipelines, transmission lines developments, facilities, mines, and parks. He has expertise in NEPA/CEQA compliance through providing surveys, inventories, monitoring, testing and data recovery, and Native American consultations. He is a certified archaeologist for Riverside County and has completed Riverside County cultural sensitivity training. He has conducted archaeological surveys in California, Nevada, and Arizona, encompassing over 40,000 acres of private and public lands. These surveys were conducted for private and public clients. Agencies include the BLM in Arizona, California, and Nevada; the Prescott National Forest, the San Bernardino National Forest, the Cleveland National Forest, the Angeles National Forest, the Inyo National Forest and the Coconino National Forest; the Department of Defense; the Bureau of Reclamation; California State Lands Commission; Arizona State Lands; Arizona State Museum; the United States Army Corps of Engineers; and dozens of municipal, County, and State agencies.

David has extensive experience with agency, client, Native American, and subcontractor coordination; archival research; field reconnaissance; site testing; data recovery excavation; construction monitoring; site recordation; site protection/preservation; mapping; laboratory analysis; and report production. He has the practical experience necessary to staff, train, and manage field crews effectively to produce an accurate, high-quality product for the client.

David's field experience includes all aspects of safety training, education, and implementation to ensure compliance under the most rigid agency regulations.

Representative Project Experience

Baker Ranch Development Project Archaeological and Paleontological Investigations Lake Forest, CA: Senior Archaeologist for this project. Beginning in late 2012, BonTerra Psomas implemented the Mitigation Monitoring and Reporting Program adopted as a part of the EIR for Phase I of the Baker Ranch Development Project, an approximate 386 acre proposed master-planned community that will include 2,379 residential units and 25,000 sf of commercial development along the newly built section of Alton Parkway. The project includes Archaeological, Native American, and Paleontological monitoring programs during grading activities for project construction. Results of the Phase I grading monitoring efforts included the recovery of many significant fossil resources, identified and evaluated by the Sand Diego Museum of Natural History, from the Oso Sand member of the late Miocene to early Pliocene Epoch Capistrano Formation.

Jamboree Improvements at MacArthur, Newport Beach, CA: Staff Archaeologist for this project. Six mitigation measures from the EIR and four Special Conditions from the California Coastal Commission were prepared for this project. David wrote the archaeological report for this project. No resources were encountered.

Ball Road Basin Park Project Environmental Impact Report, City of Anaheim, CA: Senior Archaeologist for this project, which proposes to develop a former 19.5-acre water recharge basin as an active park to serve the residents and workforce of the City. Project elements would include soccer playing fields, a children's play area, improvements to the regional riding and hiking trail, and meeting space. On-site parking and lighting elements are also proposed. The project requires an amendment to the Anaheim General Plan to redesignate the site from Open Space to Parks and a Zoning Reclassification from transition to public recreation. David completed an archaeological assessment for the project.

NorthLake Specific Plan Supplemental Environmental Impact Report, CA: Senior Archaeologist for the preparation of a Supplemental EIR to the NorthLake Specific Plan EIR (certified in 1992) and the One Valley One Vision Program EIR (certified in 2012) for implementation of the previously approved NorthLake Specific Plan project. The project involves development of an approximately 1,330-acre project site in unincorporated northwest Los Angeles County in accordance with the previously approved NorthLake Specific Plan. The project involves the construction and operation of a mix of single-family units, multi-family units, commercial uses, industrial uses, recreational uses and open space, and school and park facilities. David is directing the field survey for cultural resources and the production of the final cultural resources report.

Summerly Development Cultural Resources Monitoring Project, Lake Elsinore, CA: Senior Archaeologist for this project, which included grading for a drainage channel, a large sewer line, and subsequent residential development. At the conclusion of the monitoring program, David prepared a technical report that documented the results of the monitoring and provided management recommendations for any further work.

Matrix Oil Field Redevelopment Project, La Habra Heights, CA: Senior Archaeologist for this project, which included the redevelopment of existing oil wells and the drilling of new oil wells; a Central Processing Facility; a truck loading facility; a small office with a restroom; and ancillary facilities. In addition, an off-site crude oil pipeline and a natural gas pipeline would be installed underground, extending from the Project site to El Cajonita Drive, Las Palmas Drive, West Road, Hacienda Road, Whittier Boulevard, and Beach Boulevard to connect with existing oil and gas pipelines located beneath La Habra Boulevard and beneath the Union Pacific Railroad right-of-way. David completed a records search and field survey of the project site. This included accessing the South Central Coastal Information Center at California State University, Fullerton to determine if known archaeological sites exist on or near the project site, and subsequently conducting a pedestrian survey of the project site to determine if previously unknown resources exist there. David authored the final cultural resources report for the project.

Mark Roeder

Senior Paleontologist/Principal Investigator

EDUCATION

1977 / Bachelor of Arts,
Anthropology / San Diego State
University, CA

PROFESSIONAL REGISTRATION

Registered Paleontologic
Consultant, County of Orange

Mark Roeder has 34 years of experience as a Paleontologist. Mark has extensive experience with CEQA and NEPA compliance and with conducting and managing paleontological resource impact assessments and impact mitigation programs for large construction projects in California. Project experience includes municipal solid waste landfills; aggregate quarries; flood-control facilities; oil refineries; natural gas pipelines; freeways and other roadways; subways; waste water treatment facilities; housing developments; planned communities; office buildings/complexes; shopping centers; hospitals and medical centers; industrial complexes; parking lots/structures; land exchanges; and conditional use permit and specific plan revisions. He has worked for a diverse set of clients including private-industry clients; public utilities; conservancies; and federal, State, County, City, and regional agencies. Mark has conducted paleontological resource assessments—which involve data searches such as literature reviews, archival searches, field surveys, and consultation with other paleontologists—in order to develop baseline inventories to evaluate the scientific importance of resources and potential for disturbance by adverse, project-related impacts; and to formulate mitigation measures to reduce these impacts to less than significant levels. Mark has worked on paleontological resources impact mitigation programs that have required monitoring of earth-moving activities, recovery of fossil remains, field personnel supervision, and progress and final report preparation. His previous project participation has involved extensive coordination and consultation with project proponents, other consulting firms, and permitting agencies; adherence to strict delivery schedules; and completion of tasks within specified budget limits. Mark also has an extensive paleontological research background in the fish faunas of the Cenozoic marine and lacustrine formations of Southern California. His research entailed literature reviews, archival searches, field surveys, and consultation with other paleontologists.

Representative Project Experience

Baker Ranch Development Project Archaeological Investigations, Lake Forest, CA: Paleontological Resources Principal Investigator for Baker Ranch Project. The project includes Archaeological, Native American, and Paleontological monitoring programs to be instituted during grading of the project site. Much of the site is underlain by the late Miocene to early Pliocene Epoch Oso Sand Member of the Capistrano Formation, which is one of the most prolific fossil-bearing units in Orange County. Numerous fossil localities (including various bones associated with whales, a seal, sharks, and fishes, as well as plant remains and invertebrates) have been found and continue to be found by BonTerra Psomas monitors during grading at the site. Mark oversees paleontological investigations on site and in the laboratory and assists as necessary with identifying and evaluating fossils; salvaging larger specimens; and providing oversight and assistance to the field monitors.

Newport Banning Ranch Paleontological Assessment, Newport Beach, CA: Paleontologist for this project. The Newport Banning Ranch project would allow for the development of up to 1,375 residential dwelling units; 75,000 square feet of commercial uses; a 75-room resort inn; and approximately 52 acres of public parks on a 401-acre site. Mark wrote the paleontological assessment in order to determine the project site's potential for the presence of sensitive rock formations and fossil resources. The paleontological significance of the project site was deemed "high. Future paleontological work will include an intensive site survey, sampling of fossil outcrops, preservation of some outcrops (if possible), and monitoring of construction activities.

Sunset Ridge Park Paleontological Assessment, Newport Beach, CA: Paleontologist for this project. Located on the northwestern corner of Superior Avenue and West Coast Highway, the approximate 13.7-acre site, located within the Coastal Zone, will be developed with active and passive recreational uses. Mark wrote the paleontological assessment in order to determine the project site's potential for the presence of sensitive rock formations and fossil resources. The paleontological significance of the project site was deemed "high". In January 2014, Mark supervised paleontological work which included an intensive site survey, sampling of fossil outcrops, preservation of some outcrops (if possible), and monitoring of construction activities for the park. The treatment of the fossils and documentation report are pending.

Eastern Transportation Corridor (State Route 241) Project, Orange County, CA: Senior Paleontologist for this project. He supervised the paleontologist resource monitoring and collection of fossil samples during construction activities. Also, he was involved in the treatment and documentation of the fossils.

Murrieta Creek Bridge Cultural Resources Services, City of Temecula, CA: Paleontologist for this project, which consists of the construction of a new bridge over Murrieta Creek at Overland Drive from its current terminus near Commerce Center Drive. Construction of the bridge will include concrete embankments/abutments; piers and concrete structural approaches; a 140-foot-wide scour protection element consisting of ArmorFlex over geotextile filter fabric; and 1 ton riprap rock to protect the bridge piers and abutments within Murrieta Creek. Mark was the paleontological manager for the project. The Murrieta Creek Bridge study consisted of (1) paleontological records and literature searches; (2) paleontological pedestrian survey of the project site; and (3) paleontological technical report describing the results of the study and recommended mitigation measure for any potential impacts to resources. Mark found that near the western abutment for the proposed bridge in a natural exposure at the base of the bluff just above the current base level for the creek is a two- to three-foot-thick fossil root-cast bearing, brown, silt bed. This horizon may be Late Pleistocene age and is approximately 13 to 15 feet below the grade of the surface roads on either side of the creek. Root casts noted during the survey are considered paleontological resources and indicate there is a potential for significant paleontological resources during earth-moving activities in this area. The potential for destruction of paleontological resources due to depth excavations during construction is high and monitoring was recommended.