

Appendix K

Cultural Resources Report



**CULTURAL RESOURCES RECORDS SEARCH
AND RECONNAISSANCE SURVEY REPORT AND
PALEONTOLOGY LITERATURE
AND RECORDS REVIEW RESULTS
FOR THE
DANA POINT HARBOR
REVITALIZATION PROJECT
CITY OF DANA POINT, ORANGE COUNTY**

By:

**Roger D. Mason, Ph.D., RPA
*Principal Investigator***

Prepared for:

**RBF CONSULTING
14725 Alton Parkway
Irvine, CA 92618-2027
Attention: Mr. Kevin Thomas**

Prepared by:

**CHAMBERS GROUP, INC.
17671 Cowan Avenue, Suite 100
Irvine, CA 92614**

**March 2003
*Revised January 18, 2006***

INTRODUCTION

Chambers Group, Inc. (Chambers Group) was retained by RBF Consulting to conduct a literature review and reconnaissance-level cultural resources survey for the Dana Point Harbor Revitalization project site, consisting of the immediate harbor area and two off-site staging areas: the "Selva" parking lot and a South Coast Water District (SCWD) parcel. All sites are located in the City of Dana Point, Orange County.

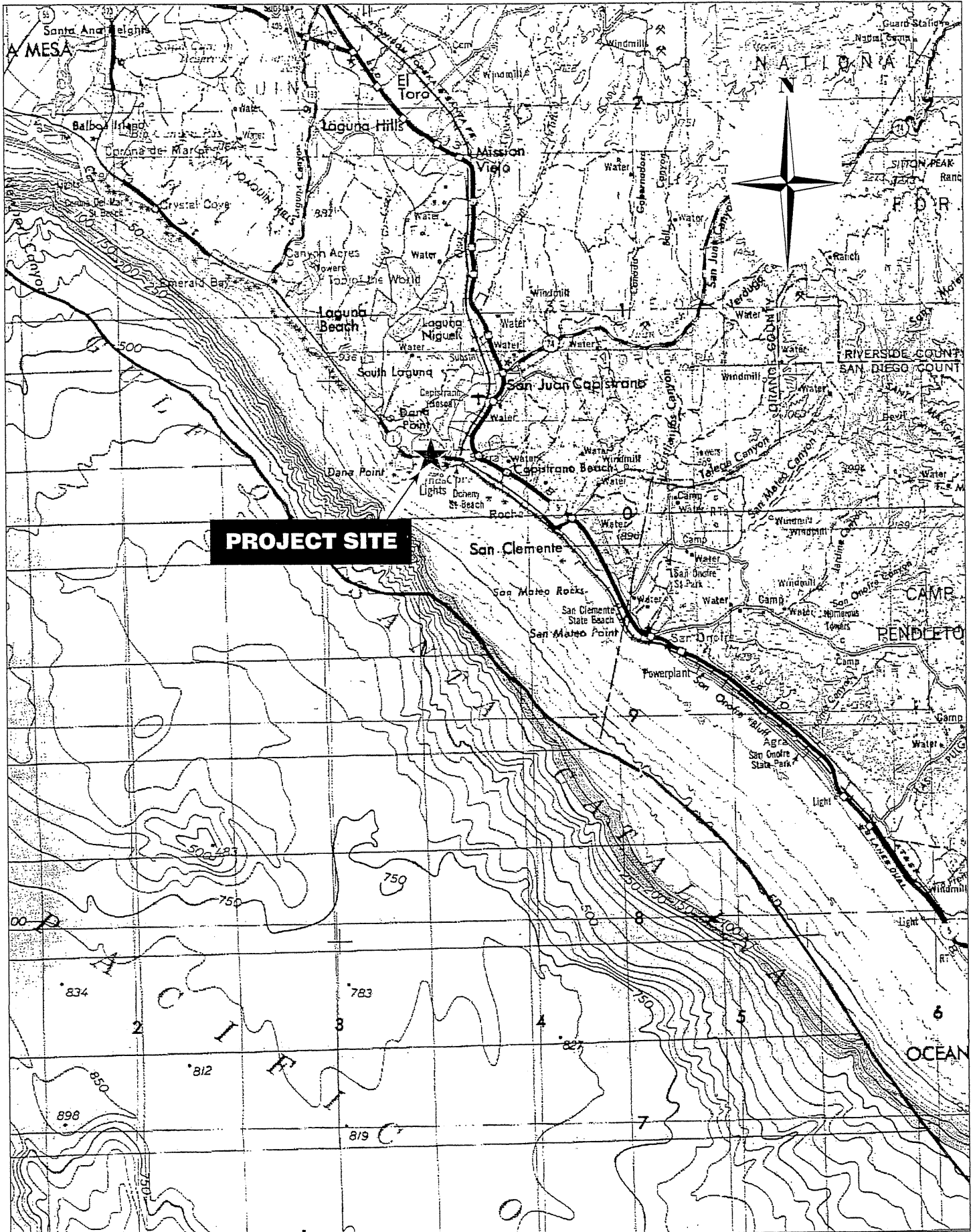
PROJECT LOCATION

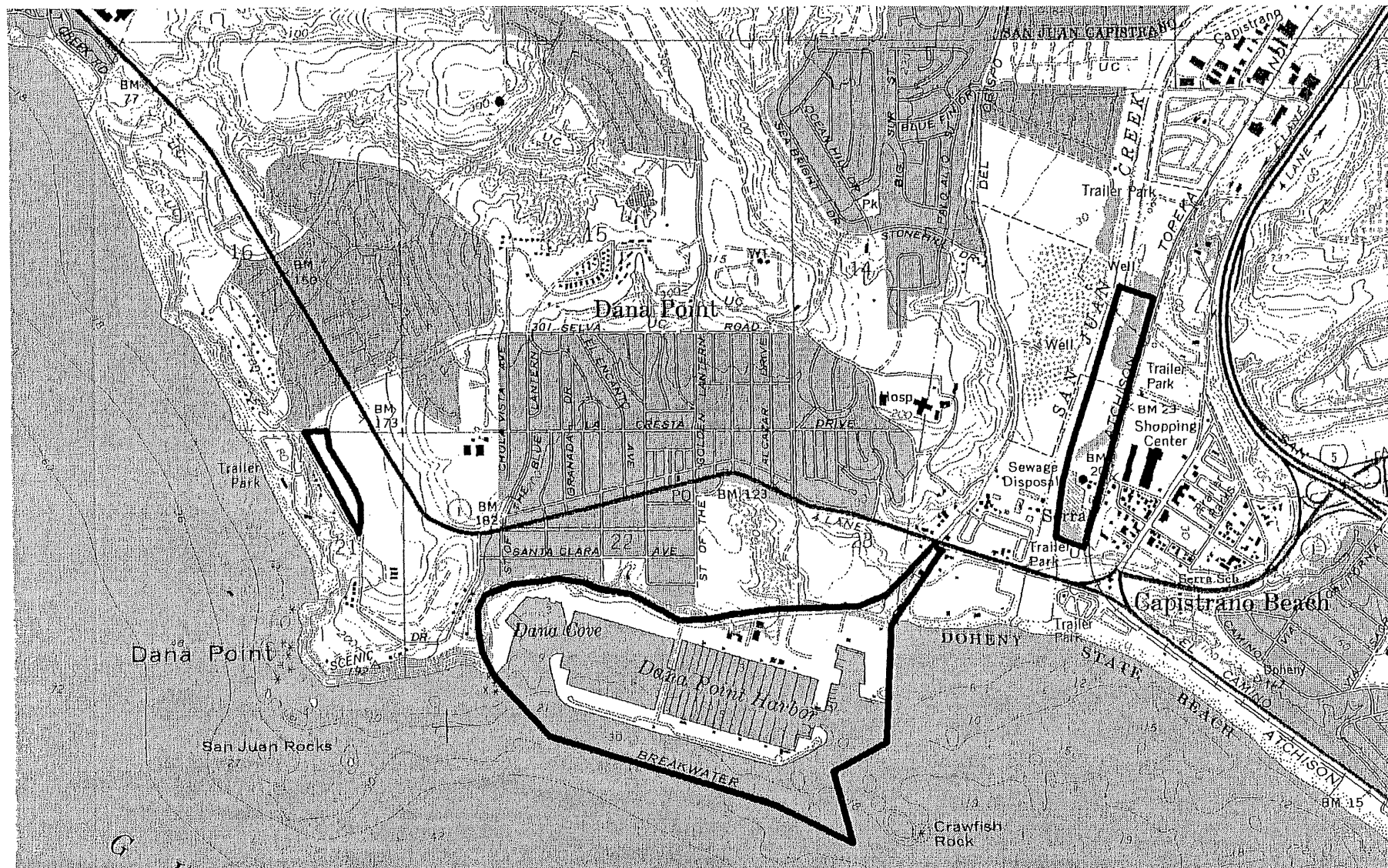
The Dana Point Harbor Revitalization project area is located south of Pacific Coast Highway (State Highway 1) and west of the San Diego Freeway (Interstate 5) in the city of Dana Point. The main harbor portion of the project area is located west of Doheny State Beach and can be accessed via Dana Point Harbor Drive via Pacific Coast Highway or Street of the Golden Lantern. This portion of the project area ranges in elevation from approximately 0 to 50 feet above mean sea level (MSL). As shown on the U.S. Geological Survey (USGS) Dana Point 7.5-minute topographic quadrangle, the harbor project area is located in Sections 22 and 23 of Township 8 South, Range 8 West of the San Bernardino Baseline and Meridian. The "Selva" parking lot, to be utilized as a staging area, is located along Selva Road, southwest of Pacific Coast Highway. The elevation is approximately 200 feet above MSL. The "Selva" parking lot is located on the USGS Dana Point 7.5-minute topographic quadrangle in Section 21 of Township 8 South, Range 8 West. The SCWD parcel is located west of the San Diego Freeway and north of Pacific Coast Highway in the City of Dana Point. This staging area is between San Juan Creek and the BNSF Railroad and can be accessed via Stonehill Drive. The elevation is approximately 40 feet above MSL. The SCWD parcel is located on the USGS Dana Point 7.5-minute topographic quadrangle in a portion of the unsectioned Boca de la Playa land grant in Township 8 South, Range 8 West. The project vicinity is shown in Figure 1 and the project location is shown in Figure 2.

PROJECT DESCRIPTION

Dana Point Harbor (Harbor) is approximately 276.8 acres, owned and operated by the County of Orange (County). The Harbor is bordered by the Pacific Ocean to the south, Dana Headlands and the Old Cove Marine Life Preserve to the west, Doheny State Beach to the east and a variety of commercial, hotel, residential, and public park uses to the north. The Harbor is a man-made regional recreational facility built in a cove formed by the headlands of Dana Point to the north, in Capistrano Bay. The Harbor construction was completed in the early 1970s. The County has not remodeled, refurbished any of the Harbor facilities since that time. Planning for the Revitalization project began in the late 1990s.

The Revitalization Plan for Planning Areas 1 and 2 consists of the replacement and/or remodeling of all existing retail and restaurant buildings, a new 610-space parking deck, new boater loading and drop-off areas, a new dry-stack boat storage building and improvements to boater service and public restroom buildings. On a programmatic level, the Revitalization Plan provides for a number of future improvements in Planning Areas 1, 3 through 7 (landside) and 8 through 12 (waterside). Plans for Planning Area 1 include a second dry stack boat storage building and the construction of a new lighthouse facility by the Dana Point Lighthouse Society at the terminus of Puerto Place.





NORTH

SCALE: 1:24,000

SOURCE: USGS DANA POINT 7.5' QUADRANGLE

FIGURE 2. LOCATION OF DANA POINT HARBOR REVITALIZATION PROJECT AND STAGING AREAS

BACKGROUND

Prehistory

The three major periods of prehistory for the Orange County area have been refined by recent research using radiocarbon dates from archaeological sites in coastal southern California (Koerper and Drover 1983; Mason and Peterson 1994):

- **Millingstone Period** (6,000 – 1,000 B.C., or about 8,000 – 3,000 years ago)
- **Intermediate Period** (1,000 B.C. – A.D. 650, or 3,000 – 1,350 years ago)
- **Late Period** (A.D. 650 – about A.D. 1800, or 1,350 – 200 years ago).

The **Millingstone Period** represents a long period of time characterized by smaller, more mobile groups compared with later periods. These groups probably relied on a seasonal round of settlement that included both inland and coastal residential bases (Mason, Koerper, and Langenwaller 1997). Seeds from sage and grasses provided calories and carbohydrates. Although fewer projectile points (spear and dart points used in hunting) occur (compared with later periods), faunal remains indicate that similar animals were hunted. Inland Millingstone Period sites are characterized by numerous manos, metates, and hammerstones, while shell middens are common at coastal sites. Coarse-grained lithic materials, such as quartzite and rhyolite, are more common than fine-grained materials, such as chert, in flaked stone tools from this time.

During the **Intermediate Period**, mortars and pestles appear, indicating the beginning of acorn exploitation. Use of the acorn – a high-calorie, storable food source – probably allowed greater sedentism and a higher level of social organization. Large projectile points indicate that the bow and arrow, a hallmark of the Late Prehistoric Period, had not yet been introduced, and hunting was likely accomplished using the *atlatl* (spear thrower) instead. Settlement patterns during this time are not well understood. The semi-sedentary settlement pattern characteristic of the Late Period may have begun during the Intermediate Period, although lower population densities may have limited local territoriality.

The **Late Prehistoric Period** is marked by the archaeological and cultural signatures of groups who are understood more fully because their descendents in the late nineteenth and early twentieth centuries provided additional information to early anthropologists and ethnographers. These groups included the Juaneño, who occupied the San Juan Capistrano area of southern Orange County.

Ethnography

The project area formed part of the territory occupied by the *Juaneño* Native American group when the Spanish arrived in A.D. 1769. Ethnographic descriptions of the Juaneño are often given in terms of their neighbors to the south, the *Luiseño* (e.g., White 1963; Bean and Shipek 1978), but also point to a separate ethnic identity (Kroeber 1925; Strong 1929). Perhaps the most important account of Juaneño culture is the collection of observations made by Friar Geronimo Boscana, Spanish monk of Mission San Juan Capistrano from 1812 to 1826 (Boscana 1846; Harrington 1933).

Juaneño settlement and subsistence systems may extend back in time to the beginning of the Late Prehistoric Period about A.D. 650. The Juaneño were semi-sedentary hunters and gatherers. Among the most important food resources for inland groups were acorns gathered from oak groves, ground into flour using mortars and pestles. Seeds from sage and grasses, goosefoot, and California buckwheat were ground into meal with manos and metates. Protein was supplied through the meat of deer, rabbits, and other animals, hunted with the bow and arrow or trapped using snares, nets, and deadfalls. Coastal groups collected shellfish and used carved shell hooks for fishing in bay/estuary, nearshore, and kelp bed zones. Dried fish and shellfish were probably traded for inland products such as acorns and deer meat. The Juaneño lived in villages of up to 250 people located near permanent water and a variety of food sources. Each village was typically located at the center of an established territory from which resources

for the group were gathered. Small groups left the village for short periods of time to hunt, fish, and gather plant foods. While away from the village, they established temporary camps and created locations where food and other materials were processed. Archaeologically, such locations are evidenced by manos and metates for seed grinding, bedrock mortars for acorn pulverizing, and flake scatters indicating manufacturing or maintenance of stone tools (usually made of chert) used in hunting or butchering. Overnight stays in field camps are evidenced by fire-affected rock used in hearths.

Several Juaneño villages were located in the general vicinity of the project site (O'Neil 1988; Earle and O'Neil 1994; Earle 1996). The San Juan Basin was densely populated and villages were closely spaced because of the year-round availability of fresh water in San Juan Creek and its tributaries (Earle 1996). The village of *Acjacheme* was located just east of the present location of Mission San Juan Capistrano. The village of *Putuidem* was located at the confluence of Oso and Trabuco Creeks and is represented by archaeological site CA-ORA-855 (Koerper, Langenwaller, and Schroth 1988; Koerper and Mason 2000) and possibly also by CA-ORA-1338, CA-ORA-1040, and other adjacent sites. *Tobna* was located on the east bank of San Juan Creek near its mouth and may be represented by archaeological site CA-ORA-21. The village of *Sajavit* was located at the original mission site (O'Neil 1988). The original mission site was halfway between the mouth of Cañada Gobernadora and the present mission location (Geiger 1967; Meadows 1967). Meadows (1967) places the original mission site at LaCoaugue Ranch, the location of archaeological site CA-ORA-243.

History

Although Spanish explorers visited the California coast much earlier, Spanish occupation of *Alta California* did not begin until Mission San Diego was founded with the arrival of the Portolá land expedition from New Spain (Mexico) in 1769. The founding site of Mission San Juan Capistrano was dedicated in 1775, but because of the Native American attack on Mission San Diego later that year, the settlement was not established until late in 1776. The founding site was located at or near the Juaneño village of *Sajavit* on San Juan Creek, roughly two miles upstream from the present mission buildings (Geiger 1967; Meadows 1967; O'Neil 1988), but this initial settlement was soon abandoned because of insufficient water.

Mission San Juan Capistrano was an economic enterprise, as well as a religious institution. The mission had large herds of cattle on land as far north as Newport Bay. Hides and tallow from the cattle were traded for imported goods the mission could not itself make. Ships trading with the mission anchored in Dana Cove, originally known as El Embarcadero. In 1818 the French pirate Hipolito Bouchard anchored in Dana Cove and raided the mission during a war between France and Spain (Caughey 1933:162). Dana Point and Dana Cove were named for Richard Henry Dana, an American sailor who visited here in 1835 and wrote about his adventures in *Two Years Before the Mast* (Paddison 1999).

Mexico became independent from Spain in 1822. As a result of Mexico's policy of mission secularization beginning in 1834, former mission lands were granted to retired Mexican soldiers and other Mexican citizens to use as cattle ranches. Niguel, a grant of 13,316 acres northwest of Dana Point, was awarded to Juan Avila in 1842 (Aviña 1932:68). The area east of San Juan Capistrano, the 46,433-acre Mission Viejo (or La Paz) grant was conferred on Agustin Olvera in 1845 (Aviña 1932:83). Also in 1845, Boca de la Playa, a smaller grant of 6,607 acres southeast of Dana Point, was given to Emigdio Vejar (Aviña 1932:84).

Although many Juaneño had perished from European diseases and poor treatment by Spain and Mexico, some surviving Juaneño remained at Mission San Juan Capistrano, and the settlement continued as an Indian pueblo until organized into a formal town by Mexico in 1841. San Juan Capistrano continued as a small town after California became part of the United States in 1848. The town served as a small commercial center for the surrounding ranches. Walnut orchards were planted in the late nineteenth century and were replaced by citrus orchards in the early twentieth century.

The community of Dana Point began in the late 1920s with the completion of Pacific Coast Highway. The

City of Dana Point was incorporated in 1989. Dana Point Harbor was built in Dana Point Cove in the early 1970s.

METHODS

Records Search

A cultural resources records search was conducted by the staff of the South Central Coastal Information Center (SCCIC) at California State University, Fullerton, on February 5, 2003. The SCCIC acts as a branch of the California Historic Resources Information System (CHRIS) established by the Office of Historic Preservation (OHP) and maintains information concerning cultural resources and associated studies recorded in Orange County. The records search provided information on archaeological sites, historic resources, and cultural resources investigations recorded within one-half mile around the project area. During the records search, the California Historic Property Data File (HPDF) produced by the OHP was consulted. The HPDF includes properties listed on, or eligible for, the National Register of Historic Places (NRHP) and California Register of Historic Resources (CRHR). The HPDF also lists California Historical Landmarks (CHL) and California Points of Historical Interest (PHI). SCCIC correspondence and records search bibliography can be found in Appendix A.

The Native American Heritage Commission in Sacramento conducted a search of their Sacred Lands File and provided a list of Native American contacts for southern Orange County. On March 6, 2003, letters were sent to four Native American contacts on the list. The letters described the project and requested information about any traditional cultural properties, sites, or resources about which they may be concerned (see Appendix B). To date (January 2004), no response has been received.

A paleontology literature and records review was requested from the San Bernardino County Museum. The review provided information about the potential for the geologic formations that underlie the project area to contain fossils.

Field Methods

A reconnaissance of the project area was completed by Dr. Roger D. Mason, Chambers Group archaeologist, on February 10, 2003. An intensive survey was not performed because the harbor facilities are built on recent fill and the Selva parking lot is paved. The SCWD parcel has been previously surveyed.

RESULTS

Cultural Resources Records Search

The Historic Property Data File on file at the Information Center currently lists 28 properties in the City of Dana Point and vicinity that have been evaluated for their potential historical significance (Appendix A). None of these are located within or directly adjacent to the Dana Point Harbor Revitalization project areas.

A ship moored at the Dana Point Youth and Group Facility in the West Basin of Dana Point Harbor, the sloop *Virginia*, is listed on the National Register of Historic Places and the California Register of Historical Resources. Dana Point is California Historical Landmark No. 189.

The results of the records search showed that four archaeological sites have been documented within one-half mile of the project area. These resources are summarized in Table 1 below.

Table 1. Archaeological Sites Recorded Within ½-Mile of the Project Area.

State Trinomial Designation	Initially Recorded	Site Type and Description
30-000012	Romero 1935	Prehistoric shell middens, mortar and pestle, arrowpoints
30-000021	Romero 1935	Prehistoric "burial grounds;" possible site of ethnographic village of <i>Tobna</i>
30-000075	H. & J. Eberhart	Prehistoric shell midden
30-001337	Shinn 1993	Foundations of Santa Fe RR siding "Serra"

Sites 30-000012 and 30-000075 were recorded on the bluffs above the harbor. Site 30-000021 is near, but not on, the SCWD parcel. Most of the area where this site was recorded is occupied by commercial development. The former railroad siding 30-001337 is in the railroad right-of-way directly adjacent to the SCWD parcel.

The results of the records search also showed that at least 32 cultural resources field investigations have been conducted within one mile of the project area (Appendix A). The harbor and the Selva parking lot have not been previously surveyed. The SCWD parcel has been previously surveyed and portions of three surveys included this parcel (see OR-1204, OR-1434, and OR-1695 in Appendix A).

Two shipwrecks have been recorded near Dana Point. The *Ace #1*, built in 1944, was lost in 1948, "off Dana Point." It is likely not eligible for the National Register of Historic Places. The other shipwreck is the *New Saturina* which sunk in 1955 "west of Dana Point." It also is likely not eligible for the National Register of Historic Places (Pierson, Shiller, and Slater 1987: Appendix). Neither of these shipwrecks are in Dana Point Harbor.

A search of the Sacred Lands File at the Native American Heritage Commission failed to identify any traditional cultural properties. No responses have been received from the Native American contacts. No locations where human remains are known to occur were identified as a result of the Sacred Lands File search and the records search.

Field Reconnaissance

No cultural resources were identified as a result of the field reconnaissance. The SCWD parcel is slightly higher in elevation than the railroad right-of-way where site 30-001337 is located, indicating that the

SCWD parcel is covered by a layer of fill.

No human remains were identified as a result of the field reconnaissance. Native American human remains are usually found in or near prehistoric archaeological sites. No prehistoric archaeological sites have been identified within the areas where direct impacts from the project could occur.

Paleontology Literature and Records Review

The Paleontology Literature and Records Review obtained from the San Bernardino County Museum (see Appendix C) indicates that the Harbor portion of the project area is underlain by sediments of the Capistrano Formation and marine terrace deposits. The Capistrano Formation has yielded fossil remains of foraminifera, echinoids, and marine vertebrates including sharks and whales. The marine terrace deposits have yielded marine invertebrate fossils (molluscs, crustaceans, and echinoids) and marine vertebrate fossils (sharks, rays, and bony fish).

The Selva parking lot and SCWD parking lot portions of the project area are underlain by marine terrace deposits with San Onofre Breccia and/or Monterey Formation below them. The San Onofre Breccia has yielded fossil marine gastropods and some marine vertebrate fossil remains. The Monterey Formation has yielded abundant foraminifera, fish, and marine mammal fossils.

If earth moving or disturbing activities are carried out as part of the project, impacts to significant fossil remains could occur.

CONCLUSIONS AND RECOMMENDATIONS

Cultural Resources

No cultural resources would be impacted by the proposed Dana Harbor Revitalization Project. Because site 30-001337 consists of a former railroad siding, it is likely confined to the railroad right-of-way and does not extend onto the SCWD parcel. The SCWD parcel is covered by recent fill which obscures and protects the original ground surface where historical material associated with site 30-001337 could occur.

In the unlikely event that historical material associated with site 30-001337 is exposed during preparation for use or during use of the SCWD parcel, it is recommended that all earth-disturbing activities be halted and that an Orange County certified archaeologist be called to evaluate the find using California Register of Historical Resources (CRHR) criteria (California Code of Regulations Title 14, Section 4852). If evaluated as eligible, the mitigation measures consisting of avoidance (preservation in place) or data recovery will be necessary [California Code of Regulations Title 14, Section 15126.4(b)(3)].

Paleontologic Resources

An Orange County certified paleontologist should be retained to develop a monitoring program for areas where earth-moving or disturbing activities will be carried out as part of the project. The paleontologist will determine where and when paleontologic monitors are needed and the intensity (full or part time) of monitoring required. The monitoring requirements may be changed by the paleontologist depending on fossil yields. The paleontologic resources monitor will have the power to temporarily halt or divert earth-moving activities in order to recover fossils and sediment samples. All recovered fossil specimens will be prepared to the point of identification and permanent preservation. Specimens will be curated at an accredited museum repository with permanent retrievable storage. A report of findings including an itemized inventory of specimens will be prepared by the paleontologist and submitted to the County of Orange along with confirmation of curation of the specimens by an accredited facility. Implementation of these recommendations would reduce impacts to paleontologic resources to less than significant.

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APPENDIX A

RECORDS SEARCH RESULTS

South Central Coastal Information Center

California Historical Resources Information System

California State University, Fullerton

Department of Anthropology

800 North State College Boulevard

Fullerton, CA 92834-6846

714.278.5395 / FAX 714.278-5542

anthro.fullerton.edu/sccic.html - sccic@fullerton.edu

Ventura

Los Angeles

Orange

February 5, 2003

Mr. Roger Mason
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Irvine, CA 92614
949.261.5414

RE: Expedited Records Search for Dana Point Harbor Revitalization EIR Project

Dear Mr. Mason,

As per your request received on January 31, 2003, we have conducted an expedited records search for the above referenced project. This search includes a review of all recorded historic and prehistoric archaeological sites within a ½-mile radius of the project area as well as a review of all known cultural resource reports. In addition, we have checked our file of historic maps, the California Points of Historical Interest (PHI), the listing of California Historical Landmarks (CHL), the California Register of Historic Places (CR), the National Register of Historic Places (NR), and the California State Historic Resources Inventory (HRI) for the referenced address. The following is a discussion of our findings for the project area.

Dana Point 7.5' USGS Quadrangle

ARCHAEOLOGICAL RESOURCES:

Three prehistoric archaeological sites (30-000012, 30-000021, 30-000075) have been identified within a 1-mile radius of the project area (see enclosed map). Of which, none are located within the project area. None are listed on the National Register Archaeological Determination of Eligibility list. No prehistoric isolates have been identified within a 1-mile radius of the project area.

One historic archaeological site (30-001337) has been identified within a 1-mile radius of the project area (see enclosed map). This site is not located within the project area, and is not listed on the National Register Archaeological Determination of Eligibility list. No historic isolates have been identified within a 1-mile radius of the project area.

HISTORIC RESOURCES:

No recorded historic built environments have been identified within a 1-mile radius of the project area.

Copies of our historic maps - San Juan Capistrano (1941) 15' USGS - are enclosed for your review.

The California Point of Historical Interest (1992) of the Office of Historic Preservation, Department of Parks and Recreation, lists no properties within a 1-mile radius of the project area.

The California Historical Landmarks (1990) of the Office of Historic Preservation, Department of Parks and Recreation, lists one property within a 1-mile radius of the project area.

No. 189 Dana Point
Named for Richard Henry Dana, author of *Two Years Before the Mast*, who visited here in 1835. El Embarcadero, the cove below, was used by hide vessels trading with Mission San Juan Capistrano. This trade reached its peak in 1830-1840. In 1818 pirate Hipolito Bouchard, flying an Argentine flag, anchored his fleet here while raiding the mission. Located at Ken Sampson Overview, Street of the Blue Lantern at Santa Clara Avenue, Dana Point.
30-156545

The California Register of Historic Places lists one property within a 1-mile radius of the project area.

VIRGINA (Sloop), Dana Point Youth & Group Facility, W. Basin, Dana Point Harbor, Dana Point

The National Register of Historic Places lists one property within a 1-mile radius of the project area.

Dana Point: VIRGINA (Sloop), Dana Point Youth & Group Facility, W. Basin, Dana Point Harbor, Dana Point 4/02/91 91000337

The California Historic Resources Inventory lists 25 properties that have been evaluated for historical significance within a 1-mile radius of the project area (see enclosed list).

PREVIOUS CULTURAL RESOURCES INVESTIGATIONS:

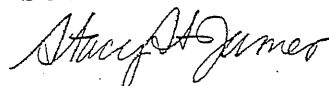
Thirty-two studies (see enclosed survey list) have been conducted within a 1-mile radius of the project area. Of these, one study (OR1185*) appears to be located within the project area. There are 5 additional investigations located on the Dana Point 7.5' USGS Quadrangle that are potentially within a 1-mile radius of the project area. These reports are not mapped due to insufficient locational information. A bibliography of these reports is available upon request.

(* = Located within the project area)

Please forward a copy of any reports from this project to our office as soon as possible. Due to the sensitive nature of archaeological site location data, we ask that you **do not include** records search maps in your report. If you have any questions regarding the results presented herein, please feel free to contact our office at 714.278.5395 Monday through Thursday 8:00 am to 3:30 pm.

Invoices are mailed approximately two weeks after records searches are completed. This enables your firm to request further information under the same invoice number. Please reference the invoice number listed below when making inquiries. Requests made after the invoicing will result in the preparation of a separate invoice with a \$15.00 handling fee.

Sincerely,
SCCIC



Stacy St. James
Assistant Coordinator

Enclosures:

- () Primary Number Explanation
- () Site List
- (X) Survey List
- (X) Map - 7.5' USGS Quadrangle, 15' USGS Quadrangle
- (X) Bibliography
- () HRI
- () National Register Status Codes
- () Site Records
- () Survey Reports
- (X) Confidentiality Form
- () Invoice # 2221

OFFICE OF HISTORIC PRESERVATION * * * Directory of Properties in the Historic Property Data File for ORANGE County.										Page 14	01-06-03
PROPERTY-NUMBER	PRIMARY-#	STREET-ADDRESS	NAMES	CITY-NAME	OWN	YR-C	OHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CR17
03458	30-161898	0	VIRGINIA/DANA POINT YOUTH & GROUP	DANA POINT	P	1913	HIST. RES.	NPS-91-000337-0000	04/02/91	16	CR17
035900	30-156541	33771 BLUE LANTERN ST		DANA POINT	P	1928	HIST. SURV.	2629-0001-0021		5D	
035899	30-156540	33792 BLUE LANTERN ST		DANA POINT	P	1929	HIST. SURV.	2629-0001-0020		5D	
035902	30-156543	33959 CHULA VISTA AVE		DANA POINT	P	1928	HIST. SURV.	2629-0001-0023		5D	
035903	30-156544	34031 CHULA VISTA AVE		DANA POINT	P	1930	HIST. SURV.	2629-0001-0024		5D	
035904	30-156545	COAST HIGHWAY	DANA POINT	DANA POINT	P	1928	HIST. SURV.	2629-0001-0025		5D	
035881	30-156523	34090 COAST HIGHWAY		DANA POINT	P	1928	HIST. SURV.	2629-0001-0002		5D	
035882	30-156524	34098 COAST HIGHWAY		DANA POINT	P	1928	HIST. SURV.	2629-0001-0003		5D	
035883	30-156525	34105 COAST HIGHWAY		DANA POINT	P	1928	HIST. SURV.	2629-0001-0004		5D	
035884	30-156526	34111 COAST HIGHWAY		DANA POINT	P	1928	HIST. SURV.	2629-0001-0005		5D	
035885	30-156527	34175 COAST HIGHWAY		DANA POINT	P	1928	HIST. SURV.	2629-0001-0006		5D	
035887	30-156529	DEL OBISPO RD	GENIE INN	DANA POINT	C	1924	HIST. SURV.	2629-0001-0008		3S	
066660	30-161831	24521 DEL PRADO AVE	DANA POINT MPO	DANA POINT	U		PROJ. REVW.	USPS870203E	06/06/88	6Y	
066661	30-161832	24561 DEL PRADO AVE	DANA POINT MPO	DANA POINT	U		PROJ. REVW.	USPS870203E	06/06/88	6Y	
066662	30-161833	24581 DEL PRADO AVE	DANA POINT MPO	DANA POINT	U		PROJ. REVW.	USPS870203E	06/06/88	6Y	
035886	30-156528	DEL PRADO ST	DANA POINT INN, DANA POINT INN RUI	DANA POINT	U	1928	HIST. SURV.	2629-0001-0007		3S	
035880	30-156522	24720 DEL PRADO ST	DANA POINT INN WAREHOUSE	DANA POINT	P	1928	HIST. SURV.	2629-0001-0001		3S	
035891	30-156532	24622 EL CAMINO CAPITSTRANO		DANA POINT	P	1928	HIST. SURV.	2629-0001-0012		5D	
035892	30-156533	24642 EL CAMINO CAPITSTRANO		DANA POINT	P	1928	HIST. SURV.	2629-0001-0013		5D	
035893	30-156534	24711 EL CAMINO CAPITSTRANO		DANA POINT	P	1928	HIST. SURV.	2629-0001-0014		5D	
035894	30-156535	24721 EL CAMINO CAPITSTRANO		DANA POINT	P	1928	HIST. SURV.	2629-0001-0015		5D	
035895	30-156536	33802 EL ENCANTO AVE		DANA POINT	P	1930	HIST. SURV.	2629-0001-0016		5D	
035896	30-156537	33901 EL ENCANTO AVE		DANA POINT	P	1929	HIST. SURV.	2629-0001-0017		5D	
035897	30-156538	33942 EL ENCANTO AVE		DANA POINT	P	1930	HIST. SURV.	2629-0001-0018		5D	
035898	30-156539	33962 GRANADA AVE DRIVE		DANA POINT	P	1929	HIST. SURV.	2629-0001-0019		5D	
035901	30-156542	24411 LA CRESTA DR		DANA POINT	P	1929	HIST. SURV.	2629-0001-0022		5D	
035888	30-156530	24401 SANTA CLARA AVE		DANA POINT	P	1928	HIST. SURV.	2629-0001-0009		5D	
035889	30-156531	24422 SANTA CLARA AVE		DANA POINT	P	1929	HIST. SURV.	2629-0001-0010		5D	
069495	30-161860		SAN JOAQUIN HILL DISTRICT	EAST IRVINE	U		PROJ. REVW.		10/28/77	2S1	
037152	30-157787	SR 5	BR 55-02L	(VIC) EAST IRVINE	S	1929	HIST. SURV.	2650-0001-0000		6	
117878		5103 1ST ST	BUILDING 5103, MARRIED HOUSING, MC	EL TORO	F	1947	HIST. RES.	DOE-30-98-0625-0000	09/15/98	6Y2	
117880		5152 5TH ST	BUILDING 5152, MARRIED HOUSING, MC	EL TORO	F	1947	HIST. RES.	DOE-30-98-0627-0000	09/15/98	6Y2	
117925		5157 5TH ST	BUILDING 5157, OFFICERS HOUSING, M	EL TORO	F	1964	HIST. RES.	DOE-30-98-0672-0000	09/15/98	6Y2	
117926		5158 5TH ST	BUILDING 5158, OFFICERS HOUSING, M	EL TORO	F	1964	HIST. RES.	DOE-30-98-0673-0000	09/15/98	6Y2	
117927		5159 5TH ST	BUILDING 5159, OFFICERS HOUSING, M	EL TORO	F	1964	HIST. RES.	DOE-30-98-0674-0000	09/15/98	6Y2	
117918		8682 BOUGAINVILLE PL	BUILDING 5669, WHERRY VILLAGE, MCA	EL TORO	F	1954	HIST. RES.	DOE-30-98-0665-0000	09/15/98	6Y2	
117917		8682 BOUGAINVILLE PL	BUILDING 5668, WHERRY VILLAGE, MCA	EL TORO	F	1954	HIST. RES.	DOE-30-98-0664-0000	09/15/98	6Y2	
117915		8741 BOUGAINVILLE PL	BUILDING 5654, WHERRY VILLAGE, MCA	EL TORO	F	1954	HIST. RES.	DOE-30-98-0662-0000	09/15/98	6Y2	
117916		8741 BOUGAINVILLE PL	BUILDING 5655, WHERRY VILLAGE, MCA	EL TORO	F	1954	HIST. RES.	DOE-30-98-0663-0000	09/15/98	6Y2	
117930		100 CONNOR AVE	BUILDING 6353, CAPEHART HOUSING, M	EL TORO	F	1973	HIST. RES.	DOE-30-98-0677-0000	09/15/98	6Y2	
							PROJ. REVW.	USMC980828A	09/15/98	6Y2	

Report List for Invoice 2221, Dana Point Quadrangle

OR1172
OR1178
OR1185
OR119
OR1204
OR122
OR1264
OR128
OR1434
OR150
OR152
OR155
OR156
OR1616
OR166
OR1695
OR170
OR173
OR1739
OR1850
OR231
OR256
OR499
OR536
OR537
OR61
OR626
OR76
OR900
OR93
OR947
OR973

Bibliography - Dana Point - SCCIC #2221

IC ID#: OR1172 DATE: 1991 PAGES: 18

AUTHOR: DEMCAK, CAROL R.

FIRM: ARM

TITLE: Cultural ResourceS Assessment FOR THE SERRA RECLAIMED WATER
PROJECT FACILITIES, SOUTH ORANGE COUNTY, CALIFORNIA

AREA:

SITES: none

QUADNAME: DANA POINT

CANADA GOBERNADORA

MEMO:

IC ID#: OR1178 DATE: 1991 PAGES: 2

AUTHOR: Demcak, Carol R.

FIRM: ARMC

TITLE: BOUNDARIES of THE ARI Survey IN 1975.

AREA: 130 ac

SITES: CA-ORA-21, ORA-484, ORA-1107

QUADNAME: DANA POINT

MEMO:

IC ID#: OR1185 DATE: 1992 PAGES: 18

AUTHOR: Del Chario, Kathleen C.

FIRM: Archaeological RESOURCE MANAGEMENT CORPORATION

TITLE: Cultural ResourceS Assessment FOR THE DANA POINT HEADLandS
PROJECT, CITY OF DANA POINT, ORANGE COUNTY CALIFORNIA

AREA: 150 ac

SITES: CA-ORA-12, ORA-75

QUADNAME: DANA POINT

MEMO:

Bibliography - Dana Point - SCCIC #2221

IC ID#: OR119 DATE: 1976 PAGES: 3

AUTHOR: Desautels, Roger J.

FIRM: Scientific Resource Survey, Inc.

TITLE: Archaeological Survey REPORT ON A PARCEL of Land LOCATED
IN THE DANA POINT AREA OF THE COUNTY OF ORANGE

AREA: 1 ac

SITES: none

QUADNAME: Dana Point

MEMO:

IC ID#: OR1204 DATE: 1987 PAGES: 79

AUTHOR: Demcak, Carol and Stephen R. Van Wormer

FIRM: ARMC

TITLE: Archaeological Investigations AT CA-ORA-27A, CA-ORA-882, CA-ORA-1042, and CA-ORA-870: CHIQUITA CANYON WATER RECLAMATION PLANT PROJECT, SOUTH ORANGE COUNTY, CALIFORNIA APPENDIX A: HISTORIC ResourceS Survey FOR THE CHIQUITA Land OUTFALL PIPELINE

AREA: 17 li mi

SITES: CA-ORA-27, ORA-870, ORA-882, ORA-1042

QUADNAME: SAN JUAN CAPISTRANO
CANADA GOBERNADORA

MEMO:

IC ID#: OR122 DATE: 1976 PAGES: 6

AUTHOR: Desautels, Roger J.

FIRM: Scientific Resource Survey, Inc.

TITLE: Archaeological Survey REPORT ON TWO PARCELS of Land
LOCATED IN THE DANA POINT AREA OF THE COUNTY OF ORANGE

AREA: 1 ac

SITES: none

QUADNAME: Dana Point

MEMO:

Bibliography - Dana Point - SCCIC #2221

IC ID#: OR1264 DATE: 1991 PAGES: 22

AUTHOR: SUNDBERG, FREDERICK, AND NANCY WHITNEY-DESAUTELS

FIRM: SCIENTIFIC RESOURCE SURVEYS, INC.

TITLE: Archaeological REAssessment of THE DANA BLUFF DEVELOPMENT
(TRACT 11711) DANA POINT, CALIFORNIA

AREA: 10 ac

SITES:

QUADNAME: DANA POINT

MEMO:

IC ID#: OR128 DATE: 1976 PAGES: 3

AUTHOR: Desautels, Roger J.

FIRM: Scientific Resource Survey, Inc.

TITLE: Archaeological Survey REPORT ON TRACT NO. 573, LOT NO. 9
A PARCEL OF LAND LOCATED IN THE DANA POINT AREA OF THE COUNTY OF
ORANGE

AREA: 1 ac

SITES: none

QUADNAME: Dana Point

MEMO:

IC ID#: OR1434 DATE: 1995 PAGES: 32

AUTHOR: MAXON, PATRICK O.

FIRM: RMW PALEO Associates, INC.

TITLE: Archaeological Survey and Impact Assessment of THE PROPOSED UPGRADE TO THE
CAPISTRANO BEACH WATER DISTRICT WASTE WATER Treatment Facility

AREA: 1 ac

SITES: CA-ORA-21

QUADNAME: DANA POINT

MEMO:

Bibliography - Dana Point - SCCIC #2221

IC ID#: OR150

DATE: 1977

PAGES: 3

AUTHOR: Desautels, Roger J.

FIRM: Scientific Resource Survey, Inc.

TITLE: Archaeological Survey REPORT ON GOLDEN LATERN VILLAS LOCATED
IN THE DANA POINT AREA OF THE COUNTY OF ORANGE

AREA: 1 ac

SITES: none

QUADNAME: Dana Point

MEMO:

IC ID#: OR152

DATE: 1977

PAGES: 3

AUTHOR: Desautels, Roger J.

FIRM: Scientific Resource Survey, Inc.

TITLE: Archaeological Survey REPORT ON A PARCEL of Land LOCATED
IN THE DANA POINT AREA OF THE COUNTY OF ORANGE

AREA: 1 ac

SITES: none

QUADNAME: Dana Point

MEMO:

IC ID#: OR155

DATE: 1977

PAGES: 4

AUTHOR: Desautels, Roger J.

FIRM: Scientific Resource Survey, Inc.

TITLE: Archaeological Survey REPORT ON LOT 6, BLOCK K, TRACT 573
LOCATED IN THE DANA POINT AREA OF THE COUNTY OF ORANGE

AREA: 1 ac

SITES: none

QUADNAME: Dana Point

MEMO:

Bibliography - Dana Point - SCCIC #2221

IC ID#: OR156

DATE: 1977

PAGES: 3

AUTHOR: Desautels, Roger

FIRM: SRS, Inc.

TITLE: Archaeological Survey Report on Lots 2,3, and 4, Block 2, Tract 842 Located in the Dana Point Area of Orange County

AREA: 1

SITES: None

QUADNAME: Dana Point

MEMO:

IC ID#: OR1616

DATE: 1997

PAGES: 16

AUTHOR: Conkling, Steven W. and Deborah K. B. McLean

FIRM: LSA Associates, Inc.

TITLE: An Evaluation of the Dolph House, 34000 Capistrano By the Sea, Dana Point, Orange County, California

AREA: none

SITES:

QUADNAME: Dana Point

MEMO:

IC ID#: OR166

DATE: 1977

PAGES: 4

AUTHOR: DESAUTELS, ROGER J.

FIRM: Scientific Resource Survey, Inc.

TITLE: Archaeological Survey REPORT ON LOT 14 - BLOCK 7 - TRACT 862, DANA POINT ORANGE COUNTY, CALIFORNIA

AREA: 1 ac

SITES: none

QUADNAME: DANA POINT

MEMO:

Bibliography - Dana Point - SCCIC #2221

IC ID#: OR1695

DATE: 1998

PAGES: 36

AUTHOR: Maxon, Patrick O.

FIRM: RMW Paleo Associates

TITLE: Cultural Resources Reconnaissance and Impact Assessment of the Proposed Capistrano Beach
Water District Grading and Flood Control Project.

AREA: 30 ac

SITES: none

QUADNAME: Dana Point

MEMO:

IC ID#: OR170

DATE: 1977

PAGES: 4

AUTHOR: Desautels, Roger J.

FIRM: Scientific Resource Survey, Inc.

TITLE: Archaeological Survey REPORT ON LOT 8, BLOCK L, TRACT 573
LOCATED IN THE DANA POINT AREA OF ORANGE COUNTY

AREA: 1 ac

SITES: none

QUADNAME: Dana Point

MEMO:

IC ID#: OR173

DATE: 1977

PAGES: 5

AUTHOR: Desautels, Roger J.

FIRM:

TITLE: Archaeological Survey REPORT ON LOTS 3,4, 5, and A PORTION of LOT 6, BLOCK
TRACT 573 LOCATED IN THE DANA POINT AREA of THE COUNTY of ORANGE

AREA: 1 ac

SITES: 1

NONE

QUADNAME:

Dana Point

MEMO:

Bibliography - Dana Point - SCCIC #2221

IC ID#: OR1739

DATE: 1997

PAGES: 30

AUTHOR: Brechbiel, Brant A.

FIRM: Chambers Group, Inc.

TITLE: Cultural Resources Survey Report for a Pacific Bell Mobile Services Telecommunications
Facility: CM 077-35 in the City of Dana Point, California

AREA: .25 ac

SITES: none

QUADNAME: Dana Point

MEMO:

IC ID#: OR1850

DATE: 1998

PAGES: 3

AUTHOR: Padon, Beth

FIRM: Discovery Works, Inc.

TITLE: Archaeological and Paleontological Archival Review for the Capistrano By the Sea Project

AREA:

SITES: none

QUADNAME: Dana Point

MEMO: same as OR1616

IC ID#: OR231

DATE: 1978

PAGES: 3

AUTHOR: Cottrell, Marie G.

FIRM: Archaeological RESOURCE MANAGEMENT CORP.

TITLE: Archaeological Resource Assessment CONDUCTED FOR AREAS C and
D, LAGUNA NIGUEL, CALIFORNIA

AREA:

SITES: none

QUADNAME: Dana Point

MEMO:

Bibliography - Dana Point - SCCIC #2221

IC ID#: OR256 DATE: 1978 PAGES: 3

AUTHOR: Desautels, Roger J.

FIRM: Scientific Resource Survey, Inc.

TITLE: Archaeological Survey REPORT ON LOT 61 of TRACT NO. 697
LOCATED IN THE DANA POINT AREA OF THE COUNTY OF ORANGE

AREA: 1 ac

SITES: none

QUADNAME: Dana Point

MEMO:

IC ID#: OR499 DATE: 1980 PAGES: 4

AUTHOR: DESAUTELS, ROGER J.

FIRM: Scientific Resource Survey, Inc.

TITLE: Archaeological Survey REPORT ON A 10+ ACRE PARCEL of Land
LOCATED IN THE DANA POINT AREA OF THE COUNTY OF ORANGE

AREA: 10 ac

SITES: none

QUADNAME: DANA POINT

MEMO:

IC ID#: OR536 DATE: 1974 PAGES: 50

AUTHOR: Drover, Chris

FIRM:

TITLE: City of SAN JUAN CAPISTRANO, GENERAL PLAN PROGRAM,
HISTORIC/Archaeological ELEMENT

AREA: 3 li mi

SITES: CA-ORA-23, ORA-243, ORA-248

QUADNAME: SAN JUAN CAPISTRANO

DANA POINT

MEMO:

Bibliography - Dana Point - SCCIC #2221

IC ID#: OR537

DATE: 1978

PAGES: 3

AUTHOR: Cottrell, Marie G.

FIRM: Archaeological RESOURCE MANAGEMENT CORP.

TITLE: Archaeological Survey REPORT FOR A PARCEL of Land NORTH
OF DANA POINT COVE ROAD AND EAST OF STREET OF THE GREEN LANTERN IN
DANA POINT, ORANGE COUNTY, CALIFORNIA

AREA: 1 ac

SITES: none

QUADNAME: Dana Point

MEMO:

IC ID#: OR61

DATE: 1976

PAGES: 5

AUTHOR: DESAUTELS, ROGER J.

FIRM: Scientific Resource Survey, Inc.

TITLE: Archaeological Survey REPORT ON PARCEL 35 - TRACT #932 -
LOCATED IN DANA POINT, CALIFORNIA

AREA: 1 ac

SITES: none

QUADNAME: DANA POINT

MEMO:

IC ID#: OR626

DATE: 1981

PAGES: 16

AUTHOR: WHITNEY-DESAUTELS, NANCY A.

FIRM: SCIENTIFIC RESOURCE SURVEYS, INC.

TITLE: HISTORICAL/PALEONTOLOGICAL Survey REPORT ON A 10 ACRE PARCEL
LOCATED IN THE DANA POINT AREA, COUNTY OF ORANGE

AREA: 10 ac

SITES: none

QUADNAME: DANA POINT

MEMO:

Bibliography - Dana Point - SCCIC #2221

IC ID#: OR76

DATE: 1976

PAGES: 4

AUTHOR: DESAUTELS, ROGER J.

FIRM:

TITLE: Archaeological Survey REPORT ON PARCEL 2 of A PORTION of THE RANCHO PG'S" 118 & 119 of PAPENTS RECORDS of LOS ANGELES COUNTY, IN THE UNINCORPORATED TERRITORY of THE COUNTY of ORANGE, CALIFORNIA

AREA: 1 ac

SITES: 1

NONE

QUADNAME:

DANA POINT

MEMO:

IC ID#: OR900

DATE: 1988

PAGES: 36

AUTHOR: Anonymous

FIRM: Northridge Center for Public Archaeology-CSUN

TITLE: Report of Archaeological Reconnaissance Survey of: Proposed Parcels for Construction of Postal Facilities Dana Point, CA

AREA:

SITES: none

QUADNAME: Dana Point

MEMO:

IC ID#: OR93

DATE: 1976

PAGES: 4

AUTHOR: Desautels, Roger J.

FIRM: Scientific Resource Survey, Inc.

TITLE: Archaeological Survey REPORT ON A ONE ACRE (+) PARCEL of LAND LOCATED IN THE DANA POINT AREA OF THE COUNTY OF ORANGE

AREA: 1 ac

SITES: none

QUADNAME: Dana Point

MEMO:

Bibliography - Dana Point - SCCIC #2221

IC ID#: OR947

DATE: 1989

PAGES: 12

AUTHOR: Cooper, John

FIRM: Chambers Group, Inc.

TITLE: Cultural and Paleontological Surveys of the Seastar Property (Tract 13191), Dana Point, Orange County, California

AREA: 4.5 ac

SITES: None

QUADNAME: Dana Point

MEMO:

IC ID#: OR973

DATE: 1989

PAGES: 11

AUTHOR: Cooper, John and Mason, Vicki

FIRM: Chambers Group, Inc.

TITLE: Cultural Resources and Paleontological Surveys of Hampton Hills, Tract 13785 Dana Point, Orange County, California

AREA: 19.3 ac

SITES: None

QUADNAME: Dana Point

MEMO:

APPENDIX B

NATIVE AMERICAN CORRESPONDENCE



Chambers Group, Inc.

Environmental Consultants ° Scientists ° Planners ° Engineers

TRANSMITTAL

To: Mr. Rob Wood Date: March 11, 2003
Associate Governmental Program Analyst Project No. 6758B
Native American Heritage Commission From: Roger Mason, Ph.D., RPA
915 Capitol Mall, Room 364 Copies to: _____
Sacramento, California 95814

Subject: Dana Point Harbor: Sacred Lands File check and local contact list

☒ Fax: 2 pages transmitted (including this cover sheet)
Fax Number (916) 657-5390
Phone Number: (916) 653-4082
Original/copy ☐ will ☐ will not be sent

☐ Mail
☐ Overnight Express
☐ Federal Express
☐ Courier
☐ Other: _____

At your earliest convenience, please complete a review of the NAHC Sacred Lands File for the harbor revitalization project in the City of Dana Point. A portion of the USGS Dana Point quad is attached. The project is located in the following township/range and sections:

T8S R8W, Sections 22 and 23

Also, please provide a list of Native Americans who would be appropriate to contact in regard to their concerns about this project. Please reference your correspondence to our project, Dana Point Revitalization EIR.

Please fax the results to:

Roger Mason, Ph.D., RPA
Director of Cultural Resources
Chambers Group, Inc.
17671 Cowan Ave., Suite 100
Irvine, CA 92614

(949) 261-5414
(949) 261-8950 (FAX)
rmason@chambersgroupinc.com

Thank you!

Corporate Headquarters

17671 Cowan Avenue, Suite 100
Irvine, CA 92614
949-261-5414
Fax: 949-261-8950

Inland Empire

302 Brookside
Redlands, CA 92373
909-335-7068
Fax: 909-335-6318



Chambers Group®

Environmental Services
Biological Resources
Cultural Resources

March 6, 2003
(6758B)

Damien Shilo, Chairman
Juaneño Band of Mission Indians, Acjachemen Nation
31411-A La Matanza Street
San Juan Capistrano, CA 92675-2674

RE: Proposed Dana Harbor Revitalization Project, Dana Point

Dear Mr. Shilo:

The City of Dana Point has proposed improvements to Dana Point Harbor. The existing harbor facilities were originally built on fill placed in Dana Cove in the early 1970s. The work currently proposed will be accomplished in two phases. Phase I will consist of demolition and construction of retail structures, construction of two parking garages, construction of a new dry dock boat storage facility, and pedestrian and landscaping improvements. Currently proposed Phase II improvements include a new seawall, docks, and dredging of the marina basin. Two areas outside the harbor will be used as construction staging areas. The staging areas will be located in the parking lot at Selva Park and on an unimproved parcel between San Juan Creek and the Union Pacific Railroad tracks. The locations of Dana Point Harbor and the two construction staging areas are shown the enclosed map.

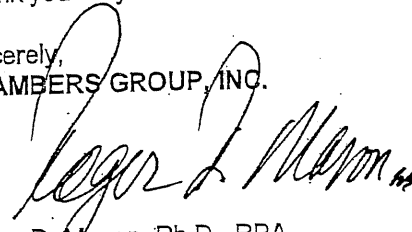
Chambers Group is assisting in the preparation of the EIR for this project. A records search has been obtained from the South Central Coastal Information Center at California State University Fullerton, and the Native American Heritage Commission has conducted a search of its Sacred Lands file. The construction staging area near San Juan Creek has been surveyed for cultural resources for a previous project. The harbor and other staging area were not surveyed because the harbor is built on recent fill and the Selva Park parking lot is paved.

Your assistance in this project is requested. If you know of any sites or areas of concern to you that could be affected by the project, I would appreciate hearing about them. Specific locations of sites, sacred areas, and traditional cultural properties will be kept confidential. If you have concerns about this project, please reply within two weeks.

In the absence of any contact from you within two weeks from this date, I will assume that you do not wish to comment on this project.

Thank you very much.

Sincerely,
CHAMBERS GROUP, INC.


Roger D. Mason, Ph.D., RPA
Director of Cultural Resources

Enclosure: map

Corporate Headquarters
17671 Cowan Avenue, Suite 100
Irvine, CA 92614
(949) 261-5414
Fax: (949) 261-8950

Inland Empire
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Redlands, CA 92373
(909) 335-7068
Fax: (909) 335-6318

Los Angeles
350 South Grand Avenue, Suite 3920A
Los Angeles, CA 90071
(213) 613-1450
Fax: (213) 613-1465

www.chambersgroupinc.com

Certified Small Business
Certified Disabled Veteran Business Enterprise (DVBE)



Chambers Group®

Environmental Services
Biological Resources
Cultural Resources

March 6, 2003
(6758B)

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

RE: Proposed Dana Harbor Revitalization Project, Dana Point

Dear Ms. Johnston:

The City of Dana Point has proposed improvements to Dana Point Harbor. The existing harbor facilities were originally built on fill placed in Dana Cove in the early 1970s. The work currently proposed will be accomplished in two phases. Phase I will consist of demolition and construction of retail structures, construction of two parking garages, construction of a new dry dock boat storage facility, and pedestrian and landscaping improvements. Currently proposed Phase II improvements include a new seawall, docks, and dredging of the marina basin. Two areas outside the harbor will be used as construction staging areas. The staging areas will be located in the parking lot at Selva Park and on an unimproved parcel between San Juan Creek and the Union Pacific Railroad tracks. The locations of Dana Point Harbor and the two construction staging areas are shown the enclosed map.

Chambers Group is assisting in the preparation of the EIR for this project. A records search has been obtained from the South Central Coastal Information Center at California State University Fullerton; and the Native American Heritage Commission has conducted a search of its Sacred Lands file. The construction staging area near San Juan Creek has been surveyed for cultural resources for a previous project. The harbor and other staging area were not surveyed because the harbor is built on recent fill and the Selva Park parking lot is paved.

Your assistance in this project is requested. If you know of any sites or areas of concern to you that could be affected by the project, I would appreciate hearing about them. Specific locations of sites, sacred areas, and traditional cultural properties will be kept confidential. If you have concerns about this project, please reply within two weeks.

In the absence of any contact from you within two weeks from this date, I will assume that you do not wish to comment on this project.

Thank you very much.

Sincerely,
CHAMBERS GROUP, INC.

Roger D. Mason, Ph.D., RPA
Director of Cultural Resources

Enclosure: map

Corporate Headquarters
17671 Cowan Avenue, Suite 100
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Chambers Group®

Environmental Services
Biological Resources
Cultural Resources

March 6, 2003
(6758B)

Anita Espinoza
Juaneño Band of Mission Indians
1740 Concerto Drive
Anaheim, CA 92807

RE: Proposed Dana Harbor Revitalization Project, Dana Point

Dear Ms. Espinoza:

The City of Dana Point has proposed improvements to Dana Point Harbor. The existing harbor facilities were originally built on fill placed in Dana Cove in the early 1970s. The work currently proposed will be accomplished in two phases. Phase I will consist of demolition and construction of retail structures, construction of two parking garages, construction of a new dry dock boat storage facility, and pedestrian and landscaping improvements. Currently proposed Phase II improvements include a new seawall, docks, and dredging of the marina basin. Two areas outside the harbor will be used as construction staging areas. The staging areas will be located in the parking lot at Selva Park and on an unimproved parcel between San Juan Creek and the Union Pacific Railroad tracks. The locations of Dana Point Harbor and the two construction staging areas are shown the enclosed map.

Chambers Group is assisting in the preparation of the EIR for this project. A records search has been obtained from the South Central Coastal Information Center at California State University Fullerton, and the Native American Heritage Commission has conducted a search of its Sacred Lands file. The construction staging area near San Juan Creek has been surveyed for cultural resources for a previous project. The harbor and other staging area were not surveyed because the harbor is built on recent fill and the Selva Park parking lot is paved.

Your assistance in this project is requested. If you know of any sites or areas of concern to you that could be affected by the project, I would appreciate hearing about them. Specific locations of sites, sacred areas, and traditional cultural properties will be kept confidential. If you have concerns about this project, please reply within two weeks.

In the absence of any contact from you within two weeks from this date, I will assume that you do not wish to comment on this project.

Thank you very much.

Sincerely,

CHAMBERS GROUP, INC.

Roger D. Mason
Roger D. Mason, Ph.D., RPA
Director of Cultural Resources

Enclosure: map

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17671 Cowan Avenue, Suite 100
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Chambers Group®

Environmental Services
Biological Resources
Cultural Resources

March 6, 2003
(6758B)

David Belardes, Chairperson
Juaneño Band of Mission Indians, Acjachemen Nation
31742 Via Belardes
San Juan Capistrano, CA 92675-3030

RE: Proposed Dana Harbor Revitalization Project, Dana Point

Dear Mr. Belardes:

The City of Dana Point has proposed improvements to Dana Point Harbor. The existing harbor facilities were originally built on fill placed in Dana Cove in the early 1970s. The work currently proposed will be accomplished in two phases. Phase I will consist of demolition and construction of retail structures, construction of two parking garages, construction of a new dry dock boat storage facility, and pedestrian and landscaping improvements. Currently proposed Phase II improvements include a new seawall, docks, and dredging of the marina basin. Two areas outside the harbor will be used as construction staging areas. The staging areas will be located in the parking lot at Selva Park and on an unimproved parcel between San Juan Creek and the Union Pacific Railroad tracks. The locations of Dana Point Harbor and the two construction staging areas are shown the enclosed map.

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Sincerely,
CHAMBERS GROUP, INC.

Roger D. Mason, Ph.D., RPA
Director of Cultural Resources

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APPENDIX C

PALEONTOLOGY LITERATURE AND RECORDS REVIEW

SAN BERNARDINO COUNTY MUSEUM

2024 Orange Tree Lane • Redlands, California USA 92374-4560
(909) 307-2669 • Fax (909) 307-0539 • www.sbcountymuseum.org



COUNTY OF SAN BERNARDINO
ECONOMIC DEVELOPMENT
AND PUBLIC SERVICES GROUP

ROBERT L. McKERNAN
Director

29 December 2003

Chambers Group, Incorporated
attn: Roger D. Mason
17671 Cowan Avenue, Suite #100
Irvine, CA 92614

re: **PALEONTOLOGY LITERATURE AND RECORDS REVIEW, PROPOSED DANA
POINT HARBOR REVITALIZATION PROJECT, ORANGE COUNTY,
CALIFORNIA**

Dear Dr. Mason,

The Division of Geological Sciences of the San Bernardino County Museum (SBCM) has completed a literature review and records search for the above-referenced development at Dana Point Harbor in the City of Dana Point, Orange County, California. The proposed project property is located in portions of sections 14 (projected), 21, 22 and 23, Township 8 South, Range 8 West, San Bernardino Base and Meridian, as seen on the Dana point, California 7.5' United States Geological Survey topographic quadrangle map (1968 edition, photorevised 1975).

Previous geologic mapping of the area (Rogers, 1965) indicates that the proposed Dana Point Harbor Revitalization Project property is situated upon surface exposures of the following geologic units (from oldest to youngest): the early to middle Miocene San Onofre Breccia and/or the later Miocene Monterey Formation; the late Miocene to Pliocene Capistrano Formation; unnamed Pleistocene marine terraces; and Holocene (recent) fan deposits. With the exception of the recent fan sediments, all of these rock units have high potential to contain significant paleontologic resources. The main, harbor portion of the proposed project is situated upon sediments of the Capistrano Formation. These sediments may be overlain by Pleistocene marine terraces. The "Selva" parking lot to the west of the primary harbor region is located on marine terrace deposits overlying rocks of the San Onofre Breccia and/or the Monterey Formation. The SCWD parking lot site is located on sediments of the San Onofre Breccia and/or the later Miocene Monterey Formation, as well as (possibly) on Pleistocene marine terrace sediments, overlain by recent fan deposits.

The San Onofre Breccia (Ellis and Lee, 1919; Woodford, 1925) is a marine sedimentary breccia containing fossils including *Turritella ocoyana* (Morton, 1999) as well as very rare, and largely fragmentary, vertebrate fossil remains. The San Onofre Breccia dates to the early to middle Miocene Epoch. The marine Monterey Formation, a later Miocene sandstone containing abundant foraminiferal, fish, and marine mammal fossils (Kew, 1923; Bramlette, 1946), overlies the San Onofre Breccia. The Monterey Formation is in turn overlain by the Capistrano Formation, a marine

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County Administrative Officer

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Public Services Group

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sandstone and siltstone dating to the latest Miocene and early Pliocene Epochs that has yielded fossil remains of foraminifera, echinoids and vertebrates – the latter including sharks and whales (White, 1956, 1971; Ingle, 1971).

Unnamed marine terrace deposits occur within the study area; these deposits, which generally cap modern sea cliffs coastally, also extend inland to elevations of about 120 feet. Paleontologic resource localities identified from these unnamed terrace sediments include marine invertebrate fossils such as molluscs, crustaceans, and echinoids (Stephens, 1929; Grant and Gale, 1931; Valentine, 1960, 1961; Kern, 1977; Emerson and Chace, 1959), as well as sparse remains of marine vertebrates such as sharks, rays, and bony fish (Jefferson, 1991). Terraces higher in the section have produced sparse remains of terrestrial mammals such as camel, horse, and mammoth (Hertlein and Grant, 1944).

For this review, I conducted a search of the Regional Paleontologic Locality Inventory (RPLI) at the SBCM. The results of this search indicate that no paleontologic resource localities are recorded in the RPLI from within the boundaries of the study area, nor from the immediate vicinity. A check of the paleontologic locality records of the Natural History Museum of Los Angeles County and the San Diego Natural History Museum is recommended.

Recommendations

The results of the literature review and the search of the RPLI at the SBCM demonstrate that several rock units present within the area of potential effect of the proposed Dana Point Harbor Revitalization Project have high potential to contain significant nonrenewable paleontologic resources subject to adverse construction impacts. Excavation in this area will require a qualified paleontologist to develop a program to mitigate impacts to nonrenewable paleontologic resources. This mitigation program should be consistent with the provisions of the California Environmental Quality Act, as well as with regulations currently implemented by the County of Orange and the proposed guidelines of the Society of Vertebrate Paleontology. This program should include, but not be limited to:

1. Monitoring of excavation in areas identified as likely to contain paleontologic resources by a qualified paleontologic monitor. Based upon the results of this review, areas of concern include all previously undisturbed surface and subsurface rocks or sediments of the San Onofre Breccia and/or the Monterey Formation, the Capistrano Formation, and unnamed Pleistocene marine terrace deposits. Paleontologic monitors should be equipped to salvage fossils as they are unearthed to avoid construction delays and to remove samples of sediments which are likely to contain the remains of small fossil invertebrates and vertebrates. Monitors must be empowered to temporarily halt or divert equipment to allow removal of abundant or large specimens. Monitoring may be reduced if the potentially-fossiliferous units described herein are not present, either at the surface or in the subsurface, or if present are determined upon exposure and examination by qualified paleontologic personnel to have low potential to contain fossil resources.

2. Preparation of recovered specimens to a point of identification and permanent preservation, including washing of sediments to recover small invertebrates and vertebrates.
3. Identification and curation of specimens into a professional, accredited museum repository with permanent retrievable storage. The paleontologist should have a written repository agreement in hand prior to the initiation of mitigation activities. Mitigation of adverse impacts to significant paleontologic resources is not complete until such curation into an established museum repository has been fully completed and documented.
4. Preparation of a report of findings with an appended itemized inventory of specimens. The report and inventory, when submitted to the appropriate Lead Agency along with confirmation of the curation of recovered specimens into an established, accredited museum repository, would signify completion of the program to mitigate impacts to paleontologic resources.

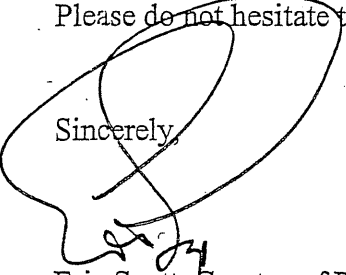
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Please do not hesitate to contact us with any further questions you may have.

Sincerely,


Eric Scott, Curator of Paleontology
Division of Geological Sciences
San Bernardino County Museum

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