CARLSBAD
CLOVIS
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RIVERSIDE
ROSEVILLE
SAN LUIS OBISPO

January 16, 2026

Joanna Cortez, Principal Planner
City of Huntington Beach
2000 Main Street
Huntington Beach, California 92648

Subject: Archaeological Survey Report for the Palm/Goldenwest Specific Plan Amendment Project, City of Huntington Beach, Orange County, California (HBC2201.05)

Dear Joanna:

The purpose of this letter is to describe the results of a record search and an archaeological field survey conducted for the City of Huntington Beach (City) Palm/Goldenwest Specific Plan Amendment Project (project) located at 20101 Goldenwest Street (Assessor's Parcel Numbers [APNs] 023-181-53 and 023-181-54) in Huntington Beach, Orange County, California.

This work was conducted per the California Environmental Quality Act (CEQA) (as amended January 1, 2025); Public Resources Code Division 13 (Environmental Quality), Chapter 2.6, Sections 21083.2 (Archaeological Resources) and 21084.1 (Historical Resources); and the *State CEQA Guidelines* (as amended December 1, 2024), California Code of Regulations Title 14, Chapter 3, Article 5, Section 15064.5 (Determining the Significance of Impacts on Historical and Unique Archaeological Resources). Sites determined important under CEQA are eligible for listing on the California Register of Historical Resources. No prehistoric resources were identified during this survey.

## INTRODUCTION

The 92-acre project area is located on the inland (east) side of Pacific Coast Highway (PCH) north of Goldenwest Street. It is owned by California Resources Corporation (CRC), which operates an oil and natural gas production facility there. A total of 88.9 acres of the land is located in an area from Goldenwest Street northwest to Seapoint Street, 1.1 miles long by 300–900 feet (ft) wide. A second smaller triangular area of 3.1 acres is situated north of Seapoint Street. Project area elevations range from 33–43 ft above sea level.

The project area is depicted on the *Seal Beach, California* 7.5-minute United States Geological Survey (USGS 1981) quadrangle map in Township 6 South, Range 11 West in Sections 3, 4, and 10 (see Attachment A, Figure 1). The project area lies on southern bluffs of Bolsa Bay within the *Rancho Las Bolsas* Mexican Period Land Grant.

The proposed project includes removal of the existing oil and natural gas production facilities and development of a mixture of commercial, residential , and open space/park uses with a maximum of 800 residential units and 350 hotel rooms or other visitor-serving uses. The maximum building height is proposed to be 50 ft. Maximum proposed excavation depth is 13 ft for a subterranean parking structure. The portion of the project area north of Seapoint Street is proposed to remain as open space.

A cultural resource record search and archaeological field survey was completed for this project. The record search was conducted for prior studies and recorded resources at the California

Historical Resource Information System's (CHRIS) South Central Coastal Information Center (SCCIC) located at California State University, Fullerton (CSUF). The pedestrian archaeological field survey was conducted to locate prehistoric or historic material in areas of exposed sediment within the project area. An historic resource assessment of the entire project area was conducted separately for the project (Tibbett et al. 2025).

## RESULTS OF INFORMATION SEARCHES AND FIELD SURVEY

### Results of the South Central Coastal Information Center (SCCIC) Information Search

*Prior Cultural Resource Studies.* On September 25, 2025, a cultural resource record search for the project area and a 0.5-mile radius was conducted at the SCCIC by Assistant Coordinator, GIS Program Specialist Isabela Kott. The record search shows that a total of 21 prior cultural resource studies have been conducted in and near the project area and that no previously recorded prehistoric sites are within the project area. The results of the SCCIC record search are summarized in Table A, discussed below, and are provided as Attachment B.

### Table A: Results of Record Search

| Reference | OR No.[1] | Type of Study |
|---|---|---|
| **Previous Studies in the Project Area** | | |
| Ahlering (1973) | 1 | Survey |
| Van Horn (1980) | 522 | Survey |
| Bissell (1986) | 842 | Survey |
| Bissell (1987) | 908 | Excavation |
| Mason (1987) | 2033 | Research Design |
| Desautels (1992) | 1269 | Survey |
| Maniery et al. (1995) | 1442 | Survey |
| Anonymous (2013) | 4313 | General Plan Element |
| **Previous Studies within 0.5 mile of the Project Area** | | |
| OR-767, -927, -1002, -1186, -1368, -1469, -1498, -1550, -2298, -3171, -4082, -4119, -4506. | | |

[1] OR is the Information Center code for Orange County, the county in which the study occurred. References are listed in the References section and by OR number in Attachment B.

**Prior Studies Inside the Project Area**. The record search shows that 8 of the 21 prior cultural resource studies include at least a part of the project area. The 8 studies that include at least a part of the project area consist of survey (5), excavation (1), research design (1), and general plan element (1) studies. These 8 studies are identified by author and date in Table A and are referenced at the end of this report.

Although the 6 prior survey (5) and excavation (1) studies are depicted as within the project area, only very small portions of the current project area were surveyed. In fact, the single archaeological excavation study attributed to the project area (Bissell 1987) was a linear project 4 miles in length that was mapped to include only a small portion of the current project area, while the excavation occurred at a resource more than 0.5 mile distant. As such, the project area cannot be considered fully surveyed or tested by these prior studies.

**Prior Studies Outside the Project Area**. The 13 studies within 0.5 mile but outside of the project area consist of survey (8), excavation (4), and underwater (1) studies. Thes studies show that significant portions of areas outside of the current project area have been surveyed in the past. The studies outside of the project area are identified by OR No. in Table A and are listed in Attachment B.

*Prior Cultural Resources.*

**Resources Inside the Project Area.** Prior cultural resource studies recorded no cultural resources within the project area. The built environment historic assessment conducted for this project (Tibbett et al. 2025) shows that the project area is an historic oil field that has been in operation for more than 100 years. The project area currently contains approximately 50 buildings and structures. Thirteen of these buildings and structures were determined to be more than 45 years old (including 4 office buildings and 9 infrastructural pieces such as tanks, pipes, and pumps), although none were found to date from the significant period of the Huntington Beach Oil Boom, 1920–1950.

**Resources Outside the Project Area.** Within 0.5 mile of the project area, a total of 8 previously recorded cultural resources were identified: 6 prehistoric and 2 historic. The 6 prehistoric resources are habitation sites (4) and isolated finds (2). The 2 historic sites are oil field-related resources that occupy the same area in Bolsa Bay north of the current project area. One site is the oil field within the bay, while the other site consists of the roads and levees within the bay.

The 4 prehistoric habitation sites are all located along the nearby bluff at the south end of the bay. The closest site to the project area is more than 650 ft (200 meters [m]) away from the northern tip of the project area. All of the habitation sites contain dark sediment and quantities of marine shell collected for food, although in varying densities. Most of the sites contain flaked and ground stone artifacts and features such as hearths. Two of the sites contain shell beads. One of the sites contains tarring pebbles. The 2 isolated finds are a unifacial granitic mano and a biface midsection of quartzite.

## Field Survey

The pedestrian field survey was conducted by LSA archaeologist Ivan Strudwick on November 5 and 13, 2025. No archaeological material was found during the survey. The survey showed that the entire project area is highly disturbed from years of use as an oil field and the activities associated with this use.

On November 5, 2025, the southern portion of the project area was surveyed, while the northern portion of the project area including the area north of Seapoint Street was surveyed on November 13, 2025. The survey was conducted by walking northwest-southeast transects separated by 5–7 m in the northwest-southeast direction parallel to PCH since surface oil pipelines are aligned in the same direction.

The southern end of the project area near Goldenwest Street contains several oil wells with working pumpjacks. It also contains two shallow basin areas, 2–4/5 ft deep used for water retention during rain events. The working wells, water retention, other areas (pipeline areas, tank areas, etc.), and the entire project area, are surrounded by concrete-covered earthen containment berms. Most of the roads are either paved or oiled gravel roads. Some areas are concrete covered. The buildings are surrounded by either paved asphalt or concrete surfaces. The northern third of the project area consists of open gravel lots used for materials storage. The project area north of Seapoint Street contains a gravel covered area on the west with pipelines and an ice plant-covered flood-control basin on the east, adjacent to private residences.

The survey found only small areas with exposed sediment within the project area. These areas include the water retention basins near Goldenwest Street, the fenced edge of the entire project area, and the water retention basin on the east side of the project area north of Seapoint Street.

Visible sediment is a yellow-brown silt clay with quantities of gravel road base. Road gravel is ubiquitous in the project area and indicates that the entire surface is highly disturbed from the 80 or more years that it has been used for oil production. The field survey failed to identify any prehistoric material.

## SUMMARY AND RECOMMENDATIONS

The current archaeological SCCIC record search and archaeological survey of the Palm/Goldenwest Specific Plan Amendment Project did not identify any resources within the 92-acre project area. The record search shows that only a small portion of the project area has been previously surveyed. The record search also shows that the only archaeological sites recorded are outside of the current project area along the bluffs overlooking Bolsa Bay north of Seapoint Street. The portion of the project area north of Seapoint Street will remain open space with no project disturbance proposed in that area.

Because no archaeological resources have been recorded in or adjacent to the project area, and because the current survey did not find any archaeological resources in the project area, no additional archaeological work is recommended for this project. If buried resources are found during ground-disturbing construction activities, it is recommended that a qualified professional archaeologist assess the resource(s) to determine its extent and potential significance.

In the event human remains are encountered during project construction, the Orange County Coroner must be notified of the find immediately. State Health and Safety Code Section 7050.5 and *State CEQA Guidelines* Section 15064.5(e)(1) state that no further disturbance shall occur to the area of the find until the County Coroner has made a determination of origin and disposition of the human bone pursuant to Public Resources Code (PRC) Section 5097.98. If the remains are determined to be Native American, the County Coroner shall notify the Native American Heritage Commission (NAHC) by phone within 24 hours, and the NAHC shall then immediately determine and notify a Most Likely Descendant (MLD), who, with the permission of the landowner or his/her authorized representative, may inspect the site of the discovery. The MLD shall complete the inspection and make recommendations or preferences for treatment of the remains within 48 hours of being granted access to the site.

If you have any questions, please contact me at (949) 337-6101 or at ivan.strudwick@lsa.net.

Sincerely,

**LSA**

Ivan Strudwick, M.A., RPA
Associate/Archaeologist

Attachments: A: Figure 1 – Project Location
Figure 2 – Project Area
B: Results of Information Center Record Search
C: Project Photographs

## REFERENCES


Ahlering, Michael

1973 Report of a Scientific Resources Survey and Inventory Conducted for the City of Huntington Beach, California. Archaeological Research, inc. On file, South Central Coastal Information Center, California State University, Fullerton. [Accession No. 1]

Anonymous

2013 Historic and Cultural Resources Element - Huntington Beach. City of Huntington Beach. On file, South Central Coastal Information Center, California State University, Fullerton. [Accession No. 4313]

Bissell, Ronald M.

1986 Archaeological Survey Report: A 21-acre Parcel of Property Located next to the Aminoil Oil Lease in the City of Huntington Beach, California. RMW Paleo Associates, Inc. On file, South Central Coastal Information Center, California State University, Fullerton. [Accession No. 842]

1987 Addendum To: Historical Properties Survey Report, Goldenwest Street Between Warner Avenue and the Pacific Coast Highway, Huntington Beach, Orange County, California, Dated 14 September 1986. RMW Paleo Associates, Inc. On file, South Central Coastal Information Center, California State University, Fullerton. [Accession No. 908]

Desautels, Nancy A.

1992 Cultural Resource Assessment of the 10+/- acre Surfcrest Parcel (TT 14135), Huntington Beach, California. Scientific Resource Surveys, Inc. On file, South Central Coastal Information Center, California State University, Fullerton. [Accession No. 1269]

Maniery, Mary L., Beth Padon, Cindy L. Baker, and Keith Syda

1995 Cultural Resources Inventory and Evaluation of Selected Resources within the Bolsa Chica Project, Orange County, California. PAR Environmental Services Inc. & Petra Resources Inc. On file, South Central Coastal Information Center, California State University, Fullerton. [Accession No. 1442]

Mason, Roger D.

1987 Research Design for Evaluation of Coastal Archaeological Sites in Northern Orange County, California. Scientific Resource Surveys, Inc. On file, South Central Coastal Information Center, California State University, Fullerton. [Accession No. 2033]

Tibbett, Casey, Eugene Heck, and Michael Hibma

2025 Historic Resources Assessment, Goldenwest Specific Plan Redevelopment Project, 20101 Goldenwest Street, Huntington Beach, Orange County, California. LSA. On file, LSA, 1500 Iowa Avenue, Suite 200, Riverside, California 92507.

United States Geological Survey (USGS)

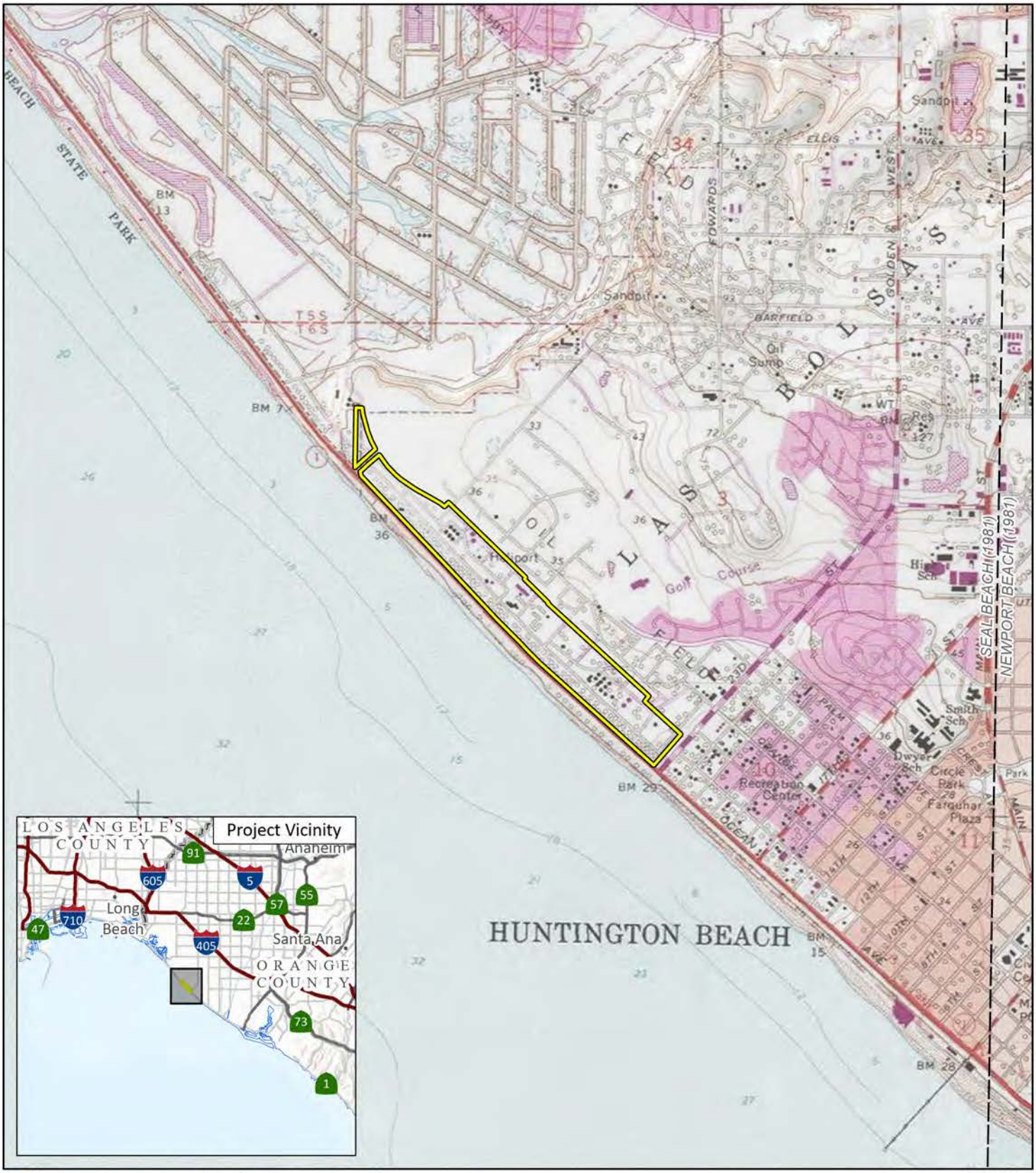
1981 *Seal Beach, Calif.* 7.5-minute topographic quadrangle. USGS. Washington, D.C.

Van Horn, David M.
1980 Archaeological Survey Report: A 21-acre Parcel of Property Located next to the Aminoil Oil Lease in the City of Huntington Beach, California. Archaeological Associates. On file, South Central Coastal Information Center, California State University, Fullerton. [Accession No. 522]

# ATTACHMENT A

# FIGURES

Figure 1 – Project Location
Figure 2 – Project Area




LSA

FIGURE 1

*Palm/Goldenwest Specific Plan Redevelopment Project*

Project Location and Vicinity

SOURCE: USGS 7.5' Quad - *Seal Beach (1981)*, CA

I:\H\HBC2201.05\GIS\Pro\Palm Goldenwest Specific Plan Redevelopment Project\Palm Goldenwest Specific Plan Redevelopment Project.aprx (Fig 1 - Project Location and Vicinity)
8/5/2025 7:50 PM




LSA

Project Area

FIGURE 2

N

0 400 800
FEET

SOURCE: Nearmap (4/29/2025)

*Palm Goldenwest Specific Plan Amendment Project*

Project Area

I:\H\HBC2201.05\GIS\Pro\Palm Goldenwest Specific Plan Redevelopment Project\Palm Goldenwest Specific Plan Redevelopment Project.aprx (Fig 2 - Aerial Base)
11/17/2025 2:48 PM

# ATTACHMENT B

# RESULTS OF INFORMATION CENTER RECORD SEARCH

**South Central Coastal Information Center**
California State University, Fullerton
Department of Anthropology MH-426
800 North State College Boulevard
Fullerton, CA 92834-6846
657.278.5395 / FAX 657.278.5542
sccic@fullerton.edu
*California Historical Resources Information System*
*Orange, Los Angeles, and Ventura Counties*

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9/25/2025 Records Search File No.: 27500.13483

Ivan Strudwick
LSA
20 Executive Park, Suite 200
Irvine, CA 92614

Re: Record Search Results for the Palm-Goldenwest Specific Plan Redev. Proj (HBC2201.05)

The South Central Coastal Information Center received your records search request for the project area(s) referenced above, located on the Seal Beach, CA USGS 7.5' quadrangle(s). The following reflects the results of the records search for the project area and a ½-mile radius:

As indicated on the data request form, the locations of resources and reports are provided in the following format: ☒ custom GIS maps ☒ shape files ☐ hand-drawn maps

| | |
|---|---|
| Resources within project area: 2 | P-30-150065, P-30-177725 |
| Resources within ½-mile radius: 6 | SEE ATTACHED MAP or LIST |
| Reports within project area: 8 | OR-00001, OR-00522, OR-00842, OR-00908, OR-01269, OR-01442, OR-02033, OR-04313 |
| Reports within ½-mile radius: 13 | SEE ATTACHED MAP or LIST |

**Resource Database Printout (list):** ☒ enclosed ☐ not requested ☐ nothing listed
**Resource Database Printout (details):** ☒ enclosed ☐ not requested ☐ nothing listed
**Resource Digital Database (spreadsheet):** ☐ enclosed ☒ not requested ☐ nothing listed
**Report Database Printout (list):** ☒ enclosed ☐ not requested ☐ nothing listed
**Report Database Printout (details):** ☒ enclosed ☐ not requested ☐ nothing listed
**Report Digital Database (spreadsheet):** ☐ enclosed ☒ not requested ☐ nothing listed
**Resource Record Copies:** ☒ enclosed ☐ not requested ☐ nothing listed
**Report Copies:** ☐ enclosed ☒ not requested ☐ nothing listed
**OHP Built Environment Resources Directory (BERD) 2022:** ☒ available online; please go to https://ohp.parks.ca.gov/?page_id=30338
**Archaeo Determinations of Eligibility 2022:** ☒ enclosed ☐ not requested ☐ nothing listed
**Los Angeles Historic-Cultural Monuments** ☐ enclosed ☐ not requested ☒ nothing listed
**Historical Maps:** ☒ enclosed ☐ not requested ☐ nothing listed
**San Bernardino Historical Maps:** ☒ not available at SCCIC; please go to https://ngmdb.usgs.gov/topoview/viewer/#4/39.98/-100.02
**Ethnographic Information:** ☒ not available at SCCIC

**Historical Literature:** ☒ not available at SCCIC
**GLO and/or Rancho Plat Maps:** ☒ not available at SCCIC
**Caltrans Bridge Survey:** ☒ not available at SCCIC; please go to http://www.dot.ca.gov/hq/structur/strmaint/historic.htm
**Shipwreck Inventory:** ☒ not available at SCCIC; please go to http://shipwrecks.slc.ca.gov/ShipwrecksDatabase/Shipwrecks_Database.asp
**Soil Survey Maps: (see below)** ☒ not available at SCCIC; please go to http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx

Please forward a copy of any resulting reports from this project to the office as soon as possible. Due to the sensitive nature of archaeological site location data, we ask that you do not include resource location maps and resource location descriptions in your report if the report is for public distribution. If you have any questions regarding the results presented herein, please contact the office at the phone number listed above.

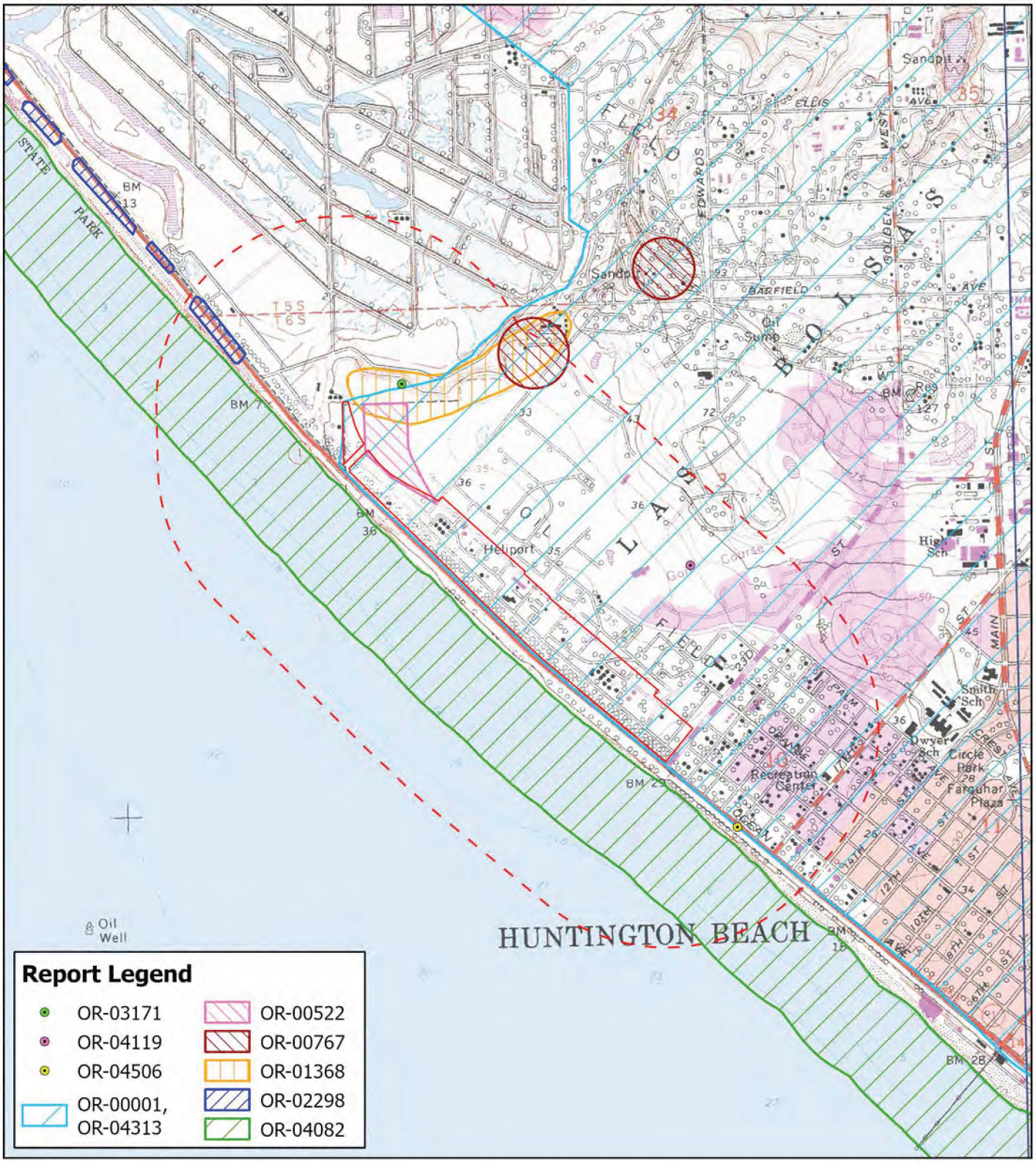
The provision of CHRIS Data via this records search response does not in any way constitute public disclosure of records otherwise exempt from disclosure under the California Public Records Act or any other law, including, but not limited to, records related to archeological site information maintained by or on behalf of, or in the possession of, the State of California, Department of Parks and Recreation, State Historic Preservation Officer, Office of Historic Preservation, or the State Historical Resources Commission.

Due to processing delays and other factors, not all of the historical resource reports and resource records that have been submitted to the Office of Historic Preservation are available via this records search. Additional information may be available through the federal, state, and local agencies that produced or paid for historical resource management work in the search area. Additionally, Native American tribes have historical resource information not in the CHRIS Inventory, and you should contact the California Native American Heritage Commission for information on local/regional tribal contacts.

Should you require any additional information for the above referenced project, reference the record search number listed above when making inquiries. Requests made after initial invoicing will result in the preparation of a separate invoice.

Thank you for using the California Historical Resources Information System,

Isabela Kott
Assistant Coordinator, GIS Program Specialist




N
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0 0.25 0.5 Miles

Reports within the project area: OR-00001, OR-00522, OR-04313
7 additional reports within a 1/2-mile radius

**Seal Beach, CA**
**PR: 1981 USGS 7.5'**
**1:24,000**
**SCCIC #27500**
**Sept 2025**

Map 2 of 4 - See other maps for additional results.



May depict confidential cultural resource locations. Do not distribute.




Reports within the project area: OR-01269, OR-01442
4 additional reports within a 1/2-mile radius

**Seal Beach, CA**
**PR: 1981 USGS 7.5'**
**1:24,000**
**SCCIC #27500**
**Sept 2025**

Map 3 of 4 - See other maps for additional results.



May depict confidential cultural resource locations. Do not distribute.




N
W E
S

0 0.25 0.5 Miles

Reports within the project area: OR-00842, OR-00908 OR-02033
2 additional reports within a 1/2-mile radius

**Seal Beach, CA**
**PR: 1981 USGS 7.5'**
**1:24,000**
**SCCIC #27500**
**Sept 2025**

Map 4 of 4 - See other maps for additional results.



May depict confidential cultural resource locations. Do not distribute.

# Report List

| Report No. | Other IDs | Year | Author(s) | Title | Affiliation | Resources |
|---|---|---|---|---|---|---|
| OR-00001 | | 1973 | Ahlering, Michael L. | Report of a Scientific Resources Survey and Inventory: Conducted for the City of Huntington Beach, California | Archaeological Research, Inc. | 30-000078, 30-000082, 30-000084, 30-000085, 30-000086, 30-000087, 30-000088, 30-000142, 30-000145, 30-000149, 30-000183, 30-000185, 30-000276, 30-000288, 30-000289, 30-000290, 30-000291, 30-000292, 30-000293, 30-000302, 30-000346, 30-000356, 30-000358, 30-000359, 30-000363, 30-000365 |
| OR-00522 | | 1980 | Van Horn, David M. | Archaeological Survey Report: A 21 Acre Parcel of Property Located Next to the Aminoil Oil Lease in the City of Huntington Beach, CA. | Archaeological Associates | |
| OR-00767 | Paleo - | 1985 | Anonymous | Cultural Resources Report on Huntington Mesa, Chevron Oil Fields, Signal Landmark Property, in the City of Huntington Beach, California | Scientific Resource Surveys, Inc. | 30-000294, 30-000365 |
| OR-00842 | | 1986 | Bissell, Ronald M. | Historical Properties Survey Report, Goldenwest Street Between Warner Avenue and the Pacific Coast Highway, Huntington Beach, Orange County, California | RMW Paleo Associates, Inc. | 30-000142 |
| OR-00908 | | 1987 | Bissell, Ronald M. | Adendum To: Historical Properties Survey Report, Goldenwest Street Between Warner Ave. and the Pacific Coast Highway, Huntington Beach, Orange County, California, Dated 14 September 1986 | RMW Paleo Associates, Inc. | 30-000142 |
| OR-00927 | | 1989 | Bissell, Ronald M. | Revised Version: Cultural Resources Reconnaissance of the Holly-seacliff Property, 760 Acres in Huntington Beach, Orange County, California | RMW Paleo Associates, Inc. | 30-000088, 30-000364, 30-000365, 30-000366, 30-001192 |
| OR-01002 | | 1989 | Van Bueren, Thad M., Goldberg, Susan K., Moratto, Michael J., Portia, Lee, and Sorensen, Jerrel H. | Inventory and Evaluation of Cultural Resources, Bolsa Chica Mesa and Huntington Beach Mesa, Orange County, California | INFOTEC Research, Inc. | 30-000078, 30-000082, 30-000083, 30-000084, 30-000085, 30-000088, 30-000288, 30-000290, 30-000291, 30-000292, 30-000293, 30-000294, 30-000364, 30-000365, 30-000366, 30-001192 |
| OR-01186 | | 1970 | Ross, Lester and Roger J. Desautels | Bolsa Chica Archaeological Research Project Phase I Surface Survey and Historic Research of Bolsa Chica Bay Area, California | ARI | 30-000078, 30-000082, 30-000083, 30-000084, 30-000085, 30-000088, 30-000288, 30-000289, 30-000290, 30-000292, 30-000293 |

## Report List

| Report No. | Other IDs | Year | Author(s) | Title | Affiliation | Resources |
|---|---|---|---|---|---|---|
| OR-01269 | | 1992 | Desautels, Nancy A. | Cultural Resource Assessment of the 10+/- Acre Surfcrest Parcel (TT 14135), Huntington Beach, California | Scientific Resource Surveys, Inc. | |
| OR-01368 | | 1994 | Romani, John F. and Gwendolyn Romani | A Cultural Resource Survey and Surface Site Evaluation for the Proposed Development of Bolsa Chica Regional Park, City of Huntington Beach, Orange County | Greenwood and Associates | 30-000291, 30-000292, 30-000293, 30-000294 |
| OR-01442 | | 1995 | Maniery, Mary L., Padon, Beth, Baker, Cindy L., and Syda, Keith | Cultural Resources Inventory and Evaluation of Selected Resources Within the Bolsa Chica Project, Orange County, California | PAR Environmental Services Inc. & Petra Resources Inc. | 30-001441, 30-001442, 30-100047, 30-100048, 30-100049, 30-100051, 30-100052, 30-100053, 30-150002, 30-150064, 30-150065, 30-150066, 30-150067, 30-150068, 30-150069, 30-150070, 30-150072, 30-150073, 30-150074, 30-150075, 30-150076, 30-150077, 30-150078, 30-150079, 30-150080 |
| OR-01469 | | 1991 | Anonymous | Archaeological Investigations on the Shell and Lithic Scatters Holly Seacliff Project Area Huntington Beach, California | Scientific Resource Surveys, Inc. | 30-000088, 30-000364, 30-000365, 30-000366 |
| OR-01498 | | 1995 | Strudwick, Ivan H. and Sturm, Brad | Results of Test Level Excavation at CA-ORA-294 and ORA-366, Locus B Bolsa Bay, Huntington Beach, California | LSA Associates, Inc. | 30-000294, 30-000366 |
| OR-01550 | | 1997 | Macko, Michael E., Couch, Jeffery S., Vargas, Benjamin, Buffington, Kevin S., and Hayden, William | Harriett M. Wieder Regional Park Archaeological Project: Phase I Planning for Sites CA-ORA-292/293, and 294 Huntington Beach, California | Macko, Inc. | 30-000292, 30-000293, 30-000294 |
| OR-02033 | | 1987 | Mason, Roger D. | Research Design for Evaluation of Coastal Archaeological Sites in Northern Orange County, California | Scientific Resource Surveys, Inc. | 30-000078, 30-000082, 30-000083, 30-000084, 30-000085, 30-000086, 30-000088, 30-000143, 30-000145, 30-000183, 30-000256, 30-000257, 30-000258, 30-000259, 30-000260, 30-000261, 30-000262, 30-000263, 30-000264, 30-000288, 30-000290, 30-000291, 30-000292, 30-000294, 30-000302, 30-000322, 30-000365, 30-000366, 30-000368, 30-000555 |
| OR-02298 | | 2000 | Sampson, Michael | Archaeological Investigation for the Bolsa Chica State Beach Redevelopment | California Department of Parks & Recreation | |

## Report List

| Report No. | Other IDs | Year | Author(s) | Title | Affiliation | Resources |
|---|---|---|---|---|---|---|
| OR-03171 | | 1971 | Ahlering, Michael L., Theodore G. Cooley, and N. Jeanne Munoz | Excavation and Analysis of 4-ORA-291: Coastal Shell Midden | Archaeological Research, Inc. | 30-000291 |
| OR-04082 | | 1987 | Pierson, Larry, Shiner, Gerald, and Slater, Richard | California Outer Continental Shelf, Archaeological Resource Study: Morro Bay to Mexican Border, Final Report | PS Associates | |
| OR-04119 | | 2011 | Fulton, Phil | Cultural Resource Assessment, Verizon Wireless Services 22nd Street-American Golf Facility City of Huntington Beach, Orange County, California | LSA Associates | |
| OR-04313 | | 2013 | Unknown | Historic and Cultural Resources Element - Huntington Beach | City of Huntington Beach | |
| OR-04506 | | 2014 | Hall, Jacqueline, Christopher Morgan, and Roderic McLean | ARCHAEOLOGICAL SURVEY REPORT FOR THE SOUTHERN CALIFORNIA EDISON COMPANY REPLACEMENT OF ONE DETERIORATED POWER POLE ON THE HUMBLE 12kV CIRCUIT TD810275, ORANGE COUNTY, CALIFORNIA | LSA Associates, Inc. | |

## Resource List

| Primary No. | Trinomial | Other IDs | Type | Age | Attribute codes | Recorded by | Reports |
|---|---|---|---|---|---|---|---|
| P-30-000290 | CA-ORA-000290 | | Site | Prehistoric | AP15 | | OR-00001, OR-01002, OR-01186, OR-01548, OR-01995, OR-02033, OR-04034 |
| P-30-000291 | CA-ORA-000291 | | Site | Prehistoric | AP02; AP11; AP15; AP16 | | OR-00001, OR-00346, OR-01002, OR-01368, OR-01548, OR-01995, OR-02033, OR-03171, OR-04029, OR-04034 |
| P-30-000292 | CA-ORA-000292 | | Site | Prehistoric, Historic | AP02; AP15 | | OR-00001, OR-01002, OR-01186, OR-01368, OR-01548, OR-01550, OR-01995, OR-02033, OR-04029, OR-04034 |
| P-30-000293 | CA-ORA-000293 | Voided - 30-000294 | Site | Prehistoric | AP02; AP15; AP16 | | OR-00001, OR-01002, OR-01186, OR-01368, OR-01548, OR-01550, OR-01995, OR-04034 |
| P-30-100049 | | Resource Name - BC-6 | Other | Prehistoric | AP02 | | OR-01442 |
| P-30-100050 | | Resource Name - BC-7 | Other | Prehistoric | AP02 | | |
| P-30-150065 | | Resource Name - Signal Bolsa Lease;<br>Other - Bolsa Oil Field;<br>Voided - 30-150004 | Building, District | Historic | HP39 | | OR-01442, OR-03602, OR-03717 |
| P-30-177725 | | Resource Name - Signal Bolsa Lease Roads & Levee System | Object | Historic | HP39 | | |

U.S. GEOLOGICAL SURVEY.
CHARLES D. WALCOTT, DIRECTOR.

CALIFORNIA
LAS BOLSAS SHEET

(Redondo) (Downey) (Anaheim)

118°15' 10' 5' 118°00'
33°45' 33°45'

LOS ALAMITOS

LAS BOLSAS

LA BOLSA CHICA

Landing Hill

Anaheim Landing

Anaheim Bay

Bolsa Chica

Bolsa Chica Creek

DITCH

BOLSAS DRAINAGE

Las Bolsas

LAS BOLSAS

PACIFIC OCEAN

40'

(San Pedro) (Santa Ana)

(San Pedro)

(Santa Ana)

35'

35'

33°30'

118°15'

ENGRAVED JUNE 1896 BY U.S.G.S

10'

5'

33°30'

118°00'

Henry Gannett, Chief Topographer.
R U. Goode, Geographer in charge.
Triangulation by U.S. Coast and Geodetic Survey.
Topography by Paul Holman.
Surveyed in 1894.

Scale $\frac{1}{62500}$

1 ½ 0 1 2 3 4 Miles

1 ½ 0 1 2 3 4 5 Kilometers

Edition of July 1896.

Contour Interval 25 feet

*Datum is mean Sea level*

Las Bolsas

CALIFORNIA
LAS BOLSAS QUADRANGLE

WAR DEPARTMENT
CORPS OF ENGINEERS, U. S. ARMY

CALIFORNIA
LAS BOLSAS QUADRANGLE

15 MINUTE SERIES

118° 15' 385000m E. 10' 5' 1460000 FEET 118° 00'

33° 45'

(Downey)

(Anaheim)

SANTA MONICA 35.4 MI.
LONG BEACH 6.4 MI.

LONG BEACH BREAKWATER

LONG BEACH

LOS ANGELES COUNTY
ORANGE COUNTY

Seal Beach

Sunset Beach

Huntington Beach
(BM 27)

BREAKWATER

WEST

P A C I F I C

O C E A N

SUNSET GUN CLUB

BOLSA CHICA GUN CLUB

MEADOW LARK COUNTRY CLUB

Springdale Sch

Reservoir Hill

BOLSA AVE

HEIL AVENUE

SMELTZER AVE

WINTERSBURG AVE

SLATER AVE

LAS BOLSAS DITCH

GRAHAM ROAD

SPRINGDALE STREET

EDWARDS STREET

WESTERN PACIFIC

ELECTRIC

FLAGSTAFF

570 000 FEET

40'

(San Pedro)

(Santa Ana)

NEWPORT BEACH 18 MI.
SAN DIEGO 88 MI.

OCEAN

33° 30'

118° 15'

1 400 000 FEET

500 000 FEET

10'

5'

405 000m E.

3708 000m N.

118° 00'

Prepared under the direction of the Chief of Engineers, U. S. Army, 1941.
Horizontal control by U. S. Coast and Geodetic Survey, 1932-1933, 1935, Los Angeles County Surveyor, 1933-1937 and 29th Engineers, U. S. Army, 1941.
Vertical control by U. S. Coast and Geodetic Survey, 1933-1935, 1937 and 29th Engineers, U. S. Army, 1941.
Topography by 29th Engineers, U. S. Army, 1941, from Tandem T-3A (5 lens) aerial photographs, by stereo-comparagraph methods. Intermediate elevations by multiplex aero-projectors.
Photography by 91st Observation Squadron, Air Corps, U. S. Army, 1939.
Polyconic Projection, North American 1927 Datum.

ROAD CLASSIFICATIONS

| | | |
|---|---|---|
| Dependable hard surface, heavy duty road. | Loose surface graded, dry weather road. | U. S. Route 101 A |
| Secondary, hard surface, all weather road. | Unimproved road. | State Route 183 |
| More than two lanes indicated by note with tick at point of change. | | 3 LANE \| 4 LANE |

Road Data 1942

SCALE 1:62500

1 0 1 2 3 4 MILES

3000 0 3000 6000 9000 12000 15000 18000 21000 FEET

1 5 0 1 2 3 4 5 KILOMETERS

Contour interval 25 feet

*Datum is mean sea level (1929 Adj.)*

10,000-FOOT GRID TICKS, CALIFORNIA PLANE COORDINATE SYSTEM, ZONE 6, SHOWN IN BLACK
1000-METER GRID TICKS, UNIVERSAL TRANSVERSE MERCATOR SYSTEM, ZONE 11, SHOWN IN BLUE

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INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1963
MR 5644

15½°
TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1941

# LAS BOLSAS, CALIF.

N3330-W11800/15

1941

LOS ANGELES

# ATTACHMENT C

# PROJECT PHOTOGRAPHS



View of southern end of project area. Goldenwest Street on the right (south). View to NE. November 5, 2025.



View of pumpjacks at the southern end of project area. Pacific Coast Highway (PCH) on the left (west). View to NW. November 5, 2025.



Exposed sediment in shallow water retention basin near southern end of project area. Junction of PCH and Goldenwest Street near upper center of photo. View to S. November 5, 2025.



Pumpjacks at the southern end of project area. Pacific Coast Highway (PCH) out of view on the left (west). View to NW. November 5, 2025.



View of pipelines along the east side about the middle of the project area. View to NW. November 5, 2025.


View of west side about the middle of the project area. PCH on the left (west) side of the wall. View to NW. November 5, 2025.



View of exposed sediment to left (east) of paved roadway along the east side of the project area south of Seapoint Street. View to SE. November 5, 2025.



Continuation of above view looking So. Visible oil pipelines are aligned NW-SE nearly the length of the project area south of Seapoint Street. November 5, 2025.



Gravel-covered W edge of project area just south of Seapoint Street. Concrete berm runs the periphery of project area. Vehicle at right is on PCH. View to SSE. November 13, 2025.



Continuation of above photo. Oil pipelines aligned NW-SE just south of Seapoint Street. View to SE. November 13, 2025.



Ice plant-covered water retention basin at northern tip of project area north of Seapoint Street. View to E. November 13, 2025.



Gravel-covered area just north of Seapoint Street. Water retention basin in above photo is located along residences at upper right. View to N. November 13, 2025.