

4-680 -A Site Summary- Arroyo Paredon Creek and Sandyland**4-680 -A**

County: **Santa Barbara**
 USGS Quad: **Carpinteria**

Thomas Guide Location
 997 H-J x 5
 NOAA Chart: **18725(a)**

Latitude N Longitude W
 34.40472 119.54556

Last Page Update : 6/30/2014

SITE DESCRIPTION:

THIS SITE IS LOCATED IN SANTA BARBARA COUNTY DIVISION S. Area from Serena SE to Sand point. The Sandyland area is a wide, fine-grained sand beach backed by rip-rap structures. The Arroyo Paredon creek empties out into the beach at the NW end of this site.

SEASONAL and SPECIAL RESOURCE CONCERN

All year for Pismo clams, Beach sand tiger beetle (inhabits higher clean sandy beaches in the Carpinteria area -- species of special concern), whenever the creek mouth is open to the ocean (usually during rainy season). Tidewater gobies in lagoon.

RESOURCES OF PRIMARY CONCERN

Gulls, Shorebirds, Terns, Waterfowl and wintering western snowy plovers during the winter, spring and fall.

Harbor seals (Mar-Jun) and red-legged frog.

Tidewater Gobies (year round), Pismo clams (Jun-Sep)

Wetland biota at Paredon Creek.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 373-3710 and State Office of Historical Preservation (916) 445-7000, and/or the Central Coast Archeological Information Center (805) 893-7341.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T	Federally listed T/E species - Ventura Office	USFWS	(805) 402-6612
C	Lynn Gambell Coordinator	Central Coast Archeological Information Center	(805) 893-7341
E	Clem Homer Private Citizen	Provides access to Sand Pt. Road (west marsh)	(805) 684-2649
T	Kai Lampson Marine Biologist	CDFW - (Nearshore Species)	(805) 965-7216
C	Office of Historic Preservation (SHPO)	California State Parks (Sacramento Office)	(916) 445-7000

ADDITIONAL SITE SUMMARY COMMENTS:**REFERENCES:**

1. RPI-ESI MAPS SOUTHERN CAL ATLAS

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CONCERNS and ADVICE to RESPONDERS:

Primary spill threat from marine source. The primary objectives are to minimize oiling of stream and lagoon, pre-clean debris, and clean oil from shorelines. The lagoon is habitat for sensitive species. Both habitat and species can be injured by oil and response/cleanup activities unless responders minimize disturbance in stream, lagoon, and associated vegetation; avoid trampling oil into sediments; and follow protective conditions from IC and resource biologists.

HAZARDS and RESTRICTIONS:

- A. Water Contamination - Unhealthy levels of coliform bacteria have been found intermittently in streams and on beaches in the Santa Barbara County area. Check with the Santa Barbara Ocean Quality Hotline, 805-681-4949, regarding health conditions prior to engaging in any activities which would require direct water contact. Use appropriate PPE, safety procedures, and include reference to potential health problems in any site safety plan.
- B. Safety Considerations - Beware of people and animals on the beach, pedestrians, waves, slips, trips and falls, and water hazards. Safe entries to, and exits from shorelines and facilities in and around the the beach are related to tides, sea conditions, and beach sand levels. When using a vehicle on the beach, sand surface may be soft. YOU MAY GET STRANDED ON THE BEACH - Plan accordingly.

SITE STRATEGIES

Strategy 4-680.1 Objective: Booming - Deploy exclusion booms across the inlet entrance to protect sensitive species and habitats when suitable berm building materials are unavailable, water flows are too great, or water depths are too great for berming.

Booming - Deploy exclusion booms across the inlet to minimize the likelihood of oiling the estuary. Place the booms in a configuration which forms an oil collection pocket which can be adjusted to accommodate changes in flow direction. Back exclusion booms with sorbent booms to minimize leakage. Line the shorelines and any side channels within the inlet to prevent collateral oiling. If there is skimmable oil present, deploy sorbents and contact the IC immediately regarding the use of skimmers and or other mechanical means for collecting oil. Monitor, adjust, and replace booms at least 2 x per day to maintain their integrity and effectiveness.

Strategy 4-680.2 Objective: Filter Barrier - Minimize oil contamination in unoiled areas using a filter barrier when berming and booming methods are not feasible.

Filter Barrier - Construct a filter barrier across the channel or inlet when the inlet is narrow, water flows are low, the bottom can receive and hold metal stakes, the spill is heavy oil, and berming or booming methods are not feasible or necessary. Monitor barrier and replace sorbents as necessary to maintain effectiveness.

Strategy 4-680.3 Objective: Berming - Prevent oil from contaminating the inlet when it is subject to tidal influence, low flows are present, and/or wave washover could occur if berm materials are present.

Berming - First, consult with resource trustees regarding wildlife issues before undertaking this activity. Build an earthen berm across the mouth of the inlet using onsite materials obtained from unvegetated areas below the high tide line to minimize damage to wildlife and habitat. Install under flow pipes in the berm to allow through flows and/or a spillway with a filter barrier to accommodate flow increases as weather conditions dictate. Cover the berm with sheet plastic to minimize erosion. Second, back the berm with swamp and sorbent booms to prevent contamination from entrainment, leakage and or washover. If there is skimmable oil present, deploy sorbents and contact the IC immediately regarding the use of skimmers and or other mechanical means for collecting oil. Monitor berm and associated features to maintain their integrity and effectiveness.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment and kinds	staff deploy	Staff tend
4-680.1		200		200	8				163 160 Stakes (metal), 2 Stake Driver, 1- Vehicle (4wd)	5	2
4-680.2			200 Snar						222 200ft Construction Fencing, 20 Stakes (metal)S, 2 Stake Driver	5	2
4-680.3		100		120	8				113 1 Front End Loader, 1 Roll Plastic, 6 Culvert Pipes, 40 Sand Bags, 40 Stakes (metal), 2 Stake Driver, 20ft Construction Fencing, 1 Waste Bin (20 yd), 1 Portable Oil Storage Tank, 1 Hand Tools	8	2

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Going northbound US 101, exit Santa Claus Ln/ #88 for 0.3 mi, turn left on Padero Ln for >0.1 mi, turn left on Santa Claus Ln for 0.1 mi, park along the road, walk to beach, head west towards the creek.

Going southbound US 101, exit Santa Claus Ln/ #88 for 0.3 mi, park along the road, walk to beach, head west towards the creek.

LAND ACCESS:

Access - Shoreline access points are limited in this area and barriers to longshore movement of personnel and equipment are highly variable and subject to tide, sea conditons and sand levels. Most stretches of beach are accessible only through private property. Notify landowners for the need to enter. Foot, ATV, possibly 4 WD vehicles.

WATER LOGISTICS:

Limitations: depth, obstruction

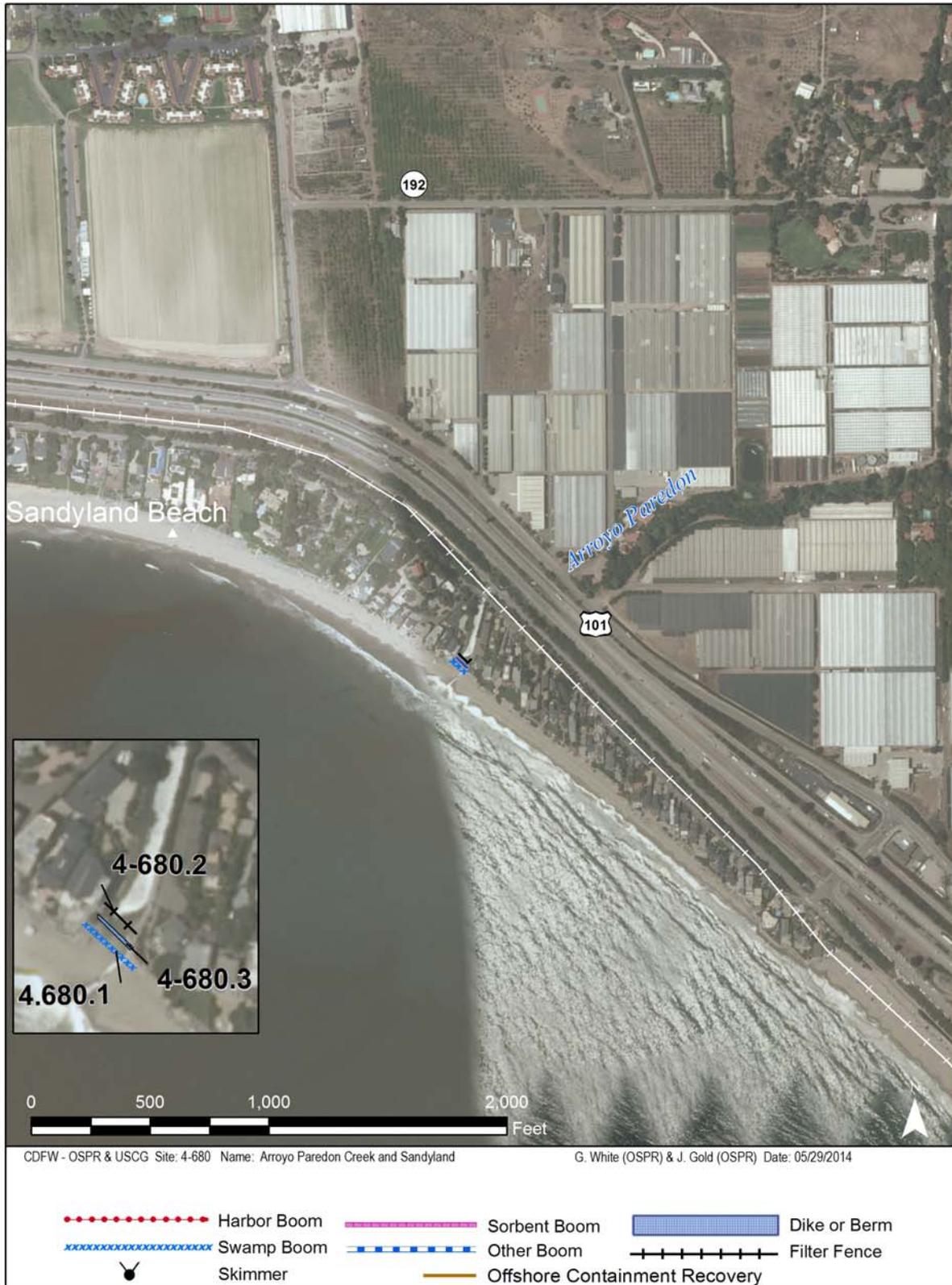
Launching, Loading, Docking and Services Available: Santa Barbara Harbor is the nearest full service civilian harbor for full service berthing, launching and fueling. Casitas Pier located just south of Carpinteria is operated by Venoco and may be used to load response vessels with permission from Venoco.

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:

Due to the probable occurrence of Snowy plovers and/or Least terns at this site, please review the Sandy Beach Site Summary and Strategies (Site 4-000-A) for information on response operations when dealing with these sensitive species.



Imagery: NAIP 2010 (Summer) 4-Band