

4-635 -A Site Summary- Tecolote Creek**4-635 -A**

County: **Santa Barbara**
 USGS Quad: **Dos Pueblos Canyon**

Thomas Guide Location
 993 D x 3
 NOAA Chart: **18721**

Latitude N
 34.43
 Longitude W
 119.918333

Last Page Update : 6/30/2014

SITE DESCRIPTION:

THIS SITE IS LOCATED IN SANTA BARBARA COUNTY DIVISION N. This site includes Tecolote canyon creek and appx 1/4 acre open water lagoon. Tecolote canyon creek lagoon is fringed by vegetation. To the NW and SE are fine-grained sand beaches. A small sand berm develops during dry season, however the creek mouth is generally close to the high tide line.

SEASONAL and SPECIAL RESOURCE CONCERN

Whenever either creek is open (most likely from late fall through early summer, depending on rainfall), wetland biota is at risk.

RESOURCES OF PRIMARY CONCERN

Intermittent coastal wetland

Waterfowl, Gulls, Terns, Brown pelicans, and shorebirds, bald eagle, osprey.

Harbor seals (Mar-June) and Red-legged frogs. Southern sea otters have been known to move through the area
 Tidewater goby

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
E	Ellwood Plant (Emergency Numbers)	Venoco	(805) 961-2339
T	Federally listed T/E species - Ventura Office	USFWS	(805) 644-1766
C	Lynn Gambell Coordinator	Central Coast Archeological Information Center	(805) 893-7341
T	Kai Lampson Marine Biologist	CDFW - (Nearshore Species)	(805) 965-7216
E	D.J. Limardi Director of Golf Operations	Sandpiper Golf Course (Access)	(805) 968-1541
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
 2. COASTAL INLET PROTECTION FOR OIL SPILL RESPONSE (DFG, MSRC)
 3. INVENTORY OF COASTAL WETLANDS IN SANTA BARBARA COUNTY - INTERIM REPORT.
- R. AMBROSE. 1993.

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CONCERNS and ADVICE to RESPONDERS:

Primary spill threat from marine source. The primary objectives are to exclude oil from lagoon, pre-clean debris, and clean oil from shorelines. The lagoon is habitat for a Threatened/Endangered fish and other sensitive species. Animals and habitat 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:

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.

SITE STRATEGIES

Strategy 4-635.1 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.

Strategy 4-635.2 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 4-635.3 Objective: Sandbag Dams - Build a sandbag dam to prevent oil from polluting unoiled areas.

Sandbag Dams - Build a sandbag exclusion/containment dam using onsite materials or imported materials as directed by DFG biologist. Use clean low silt content sand. If using onsite materials obtain only from unvegetated areas. Install underflow pipes and/or a spillway to regulate water flows as conditions dictate. Closely regulate water levels to reduce 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.

Strategy 4-635.4 Objective: Shoreline Precleaning - Prevent oiling of wrack, trash, and other materials to reduce collateral contamination and disposal problems.

Shoreline Precleaning - Consult with resource trustees regarding wildlife issues before undertaking this activity. Hand crews to move and store kelp, driftwood, vegetative debris, trash, and other materials above high-tide line. Dispose of trash. Replace unoiled debris in its former location once the threat of oiling is past. If heavy equipment is required for this operation, request trustee consultation and IC for authorization.

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	Special Equipment or comment and kinds	staff deploy	Staff tend
4-635.1		400		400	4				52 1 Front End Loader, 1 Roll Plastic, 3 Culvert Pipes, 20 Sand Bags, 15 Stakes (metal), 1 Stake Driver, 10ft Construction Fencing, 1 Hand Tools		
4-635.2		400		400	8		1	1	2 1 Waste Bin (20 yd), 1 Portable Oil Storage Tank OR Vacuum Truck	5	2
4-635.3				240					229 200 Sand Bags, 1 Roll Plastic, 3 Culvert Pipes, 1 Hand Tools, 24 Stakes	5	2
4-635.4									102 1- Vehicle (4wd), 100 Trash Bags, 1 Hand Tools	5	

LOGISTICS

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

From us 101 (west of s.b.) to Ellwood pier. Trail to beach begins at dirt parking lot.

LAND ACCESS:

A. Access - Shorelines and streams in this site are accessible only through private property. Contact the landowner for permission to enter and information on road conditions. Beach

access roads may require regrading before vehicles can enter or exit beaches. Barriers to longshore movement are variable according to tide and sand levels. Area may not be accessible in wet weather.

B. Access for ATV, 4-WD, and Heavy Equipment on beach.

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. Response vessels could be loaded and small boats can be launched at Gaviota Pier with permission from State Beaches and Parks. Larger vessels can be loaded at Ellwood Pier with permission from Venoco and at Goleta Pier with permission from Santa Barbara County Parks.

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

SPECIAL CONSIDERATIONS:

The California Department of Fish and Wildlife must be consulted before the staging of motorized equipment and heavy traffic are permitted.

ACCESS AND LOGISTIC INFORMATION

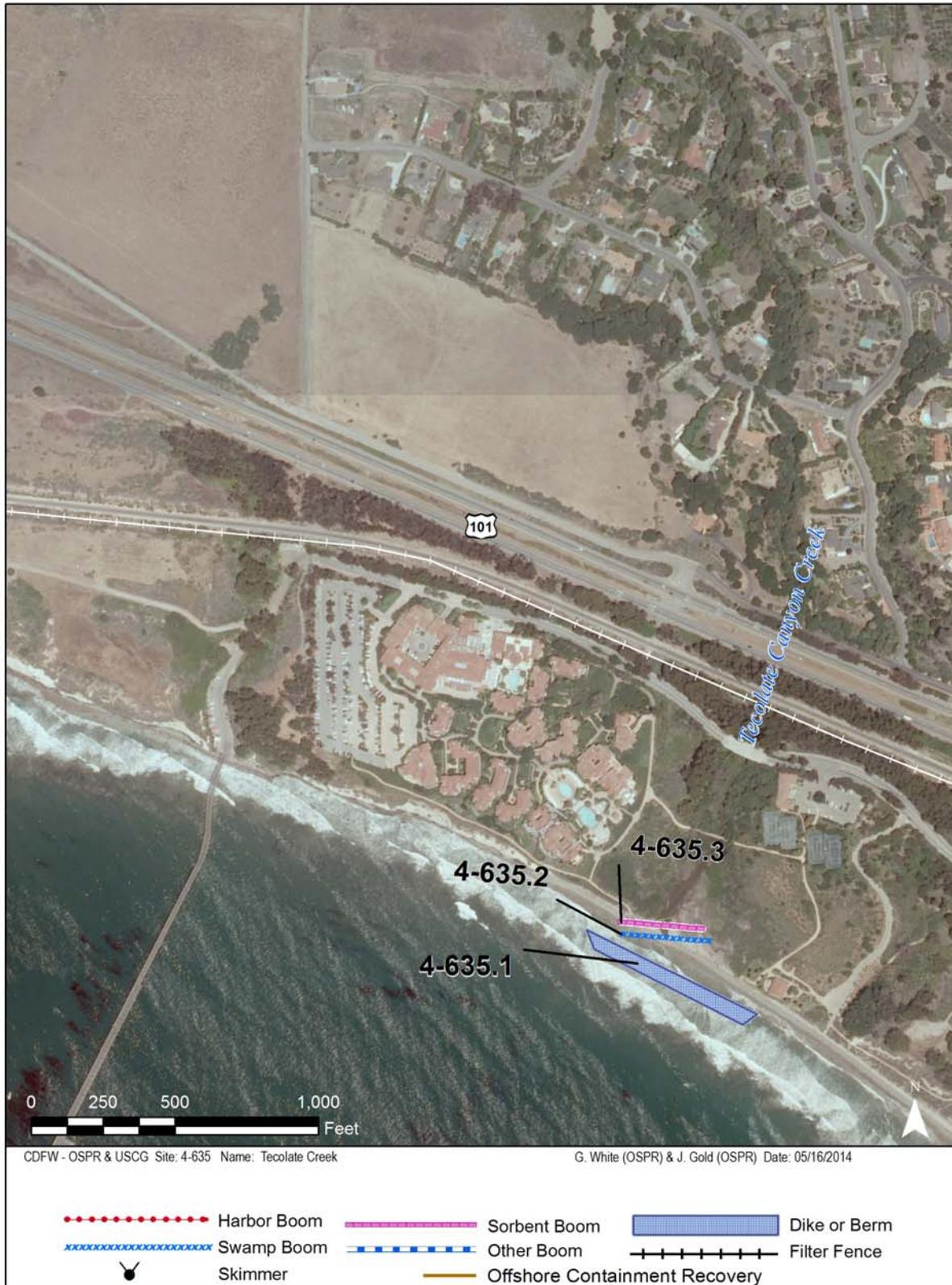
Sorbents are stored on trailers at the Venoco Oil Gas Plant in Bell Canyon.

Access may also be required to Haskall's Beach and the lagoon. Contact the Bacara Resort and Spa's onsite manager, at 805-562-9555. Offsite manager for hotel can be reached at 805-968-0100.

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