

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

Thomas Guide Location
 993 D-E x 2-3
 NOAA Chart: **18721**

Latitude N Longitude W
 34.426667 119.908333

Last Page Update : 6/30/2014

SITE DESCRIPTION:

THIS SITE IS LOCATED IN SANTA BARBARA COUNTY DIVISION N. Bell canyon creek is a moderate sized creek with a well developed lagoon just west of the sandpiper golf course. The sand berm which develops during the summer is usually relatively low and the lagoon is subject to wash over especially during high tides. The creek flow during the winter is usually enough to breach the berm. The beaches to the east and west are of fine to medium-grained sand, and often have very high volumes of debris (mostly wood and kelp) especially after rains. The Venoco Ellwood Onshore Facility (EOF) lies 1/4 mile inland (see remarks).

SEASONAL and SPECIAL RESOURCE CONCERN

Whenever lagoon mouth is open or subject to high tide wash over wetland biota are at risk.

RESOURCES OF PRIMARY CONCERN

Wetland biota: including Tidewater goby and possibly Steelhead trout; plus waterfowl and marsh vegetation

Waterfowl, Brown pelicans, seabirds, shorebirds, bald eagle, osprey.

Southern sea otters have been known to pass through the area. Red-legged frogs, southwestern pond turtle.

Steelhead and tidewater goby (critical habitat)

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) 402-6612
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
E	Ron Parker	Bacara Resort and Spa	(805) 455-1305

ADDITIONAL SITE SUMMARY COMMENTS:

REFERENCES:

1. RPI-ESI MAPS SOUTHERN CAL ATLAS
2. INVENTORY OF COASTAL WETLANDS IN SANTA BARBARA COUNTY - INTERIM REPORT. R. AMBROSE. 1993.

4-640 -A Site Strategy - Bell Canyon Creek

County and Thomas Guide Location
993 D-E x 2-3 Santa Barbara

NOAA CHART
18721

4-640 -A
Latitude N Longitude W
34.4267 119.908333

Last Page Update : 12/18/2014

CONCERNS and ADVICE to RESPONDERS:

Primary spill threats from inland and marine sources. 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 4-640.1 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 4-640.2 Objective: Filter Barrier - Minimize oil contamination in unoiled areas using a filter fence.

Filter Barrier - Construct a filter barrier across the inlet or at the high tide berm of the estuary to catch oil from the ocean from wave wash-over. Use this method when the inlet is narrow, water flows are low, the bottom can receive and hold metal stakes and the spill is heavy oil. Monitor the barrier constantly and replace pompoms as necessary to maintain effectiveness. Do not use in high surf conditions.

Strategy 4-640.3 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	Type	Special Equipment or comment	staff deploy	Staff tend
4-640.1		400		400	2						2 1 Waste Bin (20 yd), 1 Portable Oil Storage Tank OR Vacuum Truck	5	2
4-640.2			720 snar								482 400 feet construction fencing, 40 stakes (metal), 1 stake driver, 1 hand tool	5	2
4-640.3											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.) take Hollister Ave. Exit, towards ocean; turn right into Sandpiper Golf Course and continue right to the Ellwood plant. Good access from the Ellwood plant.

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:

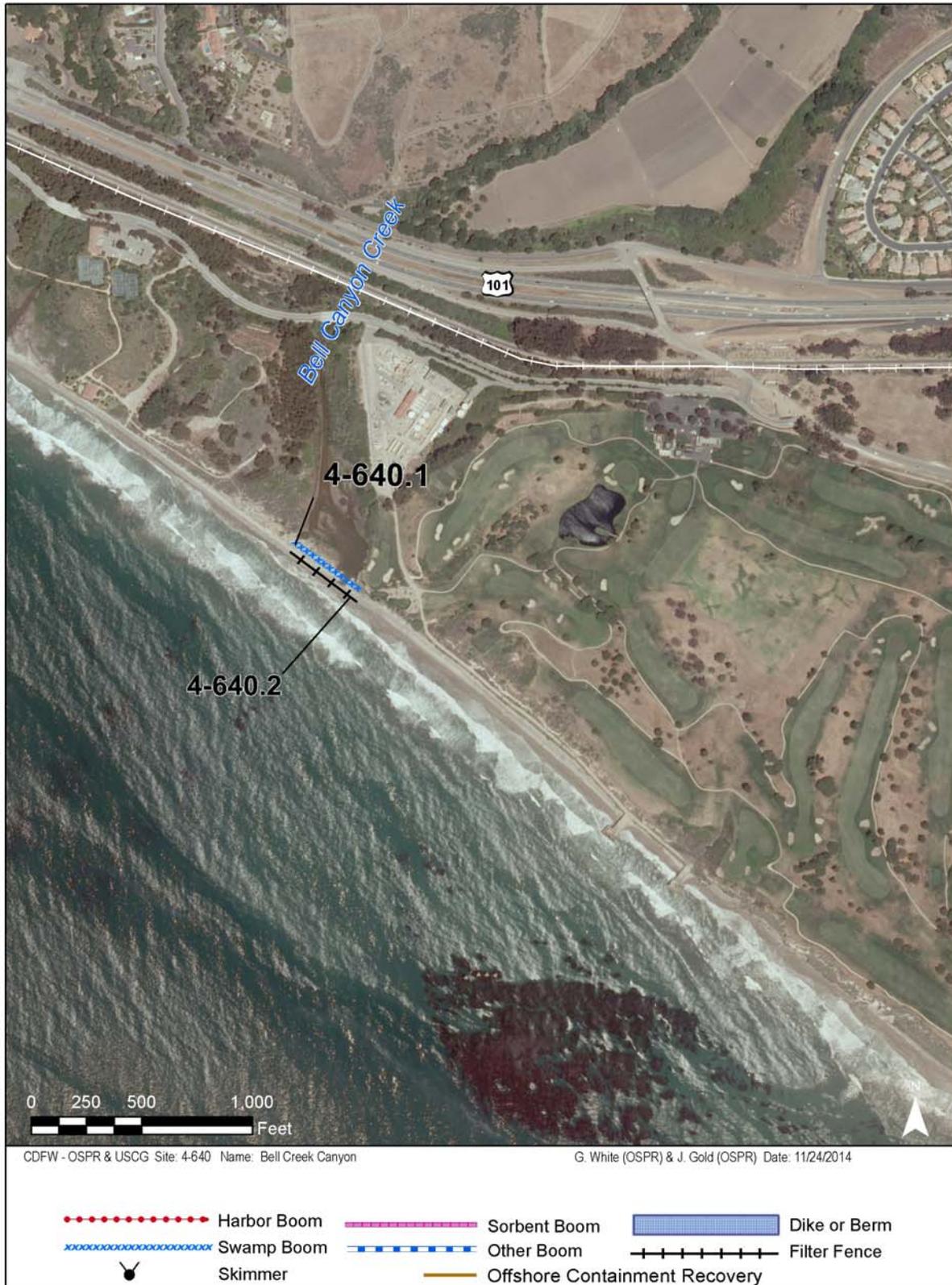
LOGISTICS:

Potential Staging Area: Ellwood Plant
Potential Command Post: Ellwood Plant
Closest Airport: Santa Barbara AP is 5 miles east.

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:

1. Monitor the status of Bell Canyon Creek Mouth. The natural sand berm development is often poor and offers little protection.
2. The Venoco Ellwood On-Shore Facility processes and transfers oil and some natural gas from Platform Holly. The plant has several tanks but is not an oil storage facility.
3. This site is a remote beach and so has relatively low public recreational use (primary uses are surfing, walking and fishing), however, the sandpiper golf course and the Bacara Spa and Resort are located in the immediate vicinity of the on-shore facility and should be considered during any response activities.



Imagery: NAIP 2010 (Summer) 4-Band