

County: **Santa Barbara**  
 USGS Quad: **Goleta**

Thomas Guide Location  
 994 E x 4  
 NOAA Chart: **18721**

Latitude N Longitude W  
 34.42111 119.8425

Last Page Update : 6/30/2014

**SITE DESCRIPTION:**

THIS SITE IS LOCATED IN SANTA BARBARA COUNTY DIVISION P. Bounded by Goleta pier east to More Mesa Bluffs. The mouth of the slough runs through the Goleta beach county park. The majority of the inner slough is owned by the city of santa barbara; smaller portions are owned by UCSB, and by DFW. The slough opens to the ocean via a broad channel that is frequently closed in summer by formation of a sand bar. Historically santa barbara county has opened the mouth of the slough to increase tidal flow. Surrounding the mouth are extensive fine to medium-grained sand beaches. The Goleta Pier is located nearby. Goleta Slough State Marine Conservation Area is included in this site. Goleta Slough is dredged annually by the Santa Barbara County Flood Control District to maintain its flow capacity. The dredge spoils are discharged onto the beach.

**SEASONAL and SPECIAL RESOURCE CONCERN**

Steelhead trout run pass through the slough February through June depending upon persistence and magnitude of flows. Brown pelicans and Belding's savannah sparrow all year.

**RESOURCES OF PRIMARY CONCERN**

The Goleta Slough is one of the largest wetlands in the region (350 acres). It is an important wildlife area, designated as a nature reserve that is dominated by pickleweed.

Belding's savannah sparrow (All Year), Brown pelicans (All Year), Waterfowl, shorebirds, seabirds, loons, grebes, cormorants, gulls.

Southwestern pond turtle, red legged frogs.

Steelhead trout, tidewater goby.

Salt marsh bird's beak

**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) 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
T	Mary Larson Fisheries Biologist	CDFW - (Steelhead)	(562) 537-8624
C	Office of Historic Preservation (SHPO)	California State Parks (Sacramento Office)	(916) 445-7000
T	Becky Ota Marine Conservation Manager	CDFW Marine Protected Areas Program	(650) 631-6789
E	Santa Barbara County Parks Department	Santa Barbara County	(805) 568-2461
O	SB County Sheriff's Dispatch (24 Hrs)	Santa Barbara County	(805) 683-2724
T	Steve Wertz Senior Environmental Scientist	CDFW Marine Protected Areas Program	(562) 342-7184

**ADDITIONAL SITE SUMMARY COMMENTS:**

# 4-655 -A Site Strategy - Goleta Slough

County and Thomas Guide Location  
994 E x 4 Santa Barbara

NOAA CHART  
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**4-655 -A**  
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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 beaches. A Threatened/Endangered (T/E) fish occurs Feb-June. A T/E bird nests in the saltmarsh and other T/E species forage in the lagoon. Animals and habitat can be injured by oil and response/cleanup activities unless responders minimize disturbance in lagoon and saltmarsh; avoid trampling oil into sediments; minimize collateral oiling, drive vehicles on wet sand; 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 4-655.1 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 4-655.2 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 4-655.3 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 and kinds	staff deploy	Staff tend
4-655.1		2000		2000	6						240 1 Front End Loader, 1 Roll Plastic, 3 Culvert Pipes, 20 Sand Bags, 200 Stakes (metal), 2 Stake Driver, 10ft Construction Fencing, 1 Waste Bin (20 yd), 1 Portable Oil Storage Tank, 1 Hand Tools		
4-655.2		2000		2000	6			1	1		204 1 Waste Bin (20 yd), 1 Portable Oil Storage Tank OR Vacuum Truck, 200 Stakes (metal), 2 Stake Driver	7	2
4-655.3								1			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 U.S. 101 (approx. 12 miles north of Santa Barbara) take hwy. 217, take Sand Spit Rd exit and follow signs to Goleta Beach County Park

## LAND ACCESS:

- A. Access - Goleta Beach and south margin of Goleta Slough are accessible only through permission from SB County Parks. 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. Upstream areas and tributaries of the Slough are accessible at Fairview and Patterson Ave. Access for vehicles and heavy equipment may be obtained through SB Co Flood Control.
- 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:****COMMUNICATIONS PROBLEMS:****ADDITIONAL OPERATIONAL COMMENTS:****SPECIAL CONSIDERATIONS:**

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.

1. Federal and state emergency permits may be required.
2. All cleanup operations in the general area should be conducted with the advice and cooperation of DFG and USFWS.
3. Aircraft restrictions: santa barbara airport (2 mile inland) traffic pattern.



Imagery: NAIP 2010 (Summer) 4-Band