

4-572 -B Site Summary- San Augustine Creek**4-572 -B**

County: **Santa Barbara**
 USGS Quad: **Sacate**

Thomas Guide Location
 365 F x 7
 NOAA Chart: **18721**

Latitude N
 34.4594
 Longitude W
 120.35418

Last Page Update : 6/30/2014

SITE DESCRIPTION:

THIS SITE IS LOCATED IN SANTA BARBARA COUNTY DIVISION H. San Augustine Creek is on Hollister Ranch Property. The site extends up the watershed from the culvert discharge point that is on the beach, to the culverts on the main road east of MP18. Should the oil line leak within this watershed, oil would contaminate the stock pond, marsh, riparian habitat and would enter the ocean through the beach culvert. The Southern Pacific Railroad passes over this creek. This site occurs on Hollister ranch property.

SEASONAL and SPECIAL RESOURCE CONCERN

Terrestrial - Red-legged Frogs, western pond turtles (Mar-Oct), yellow warbler, purple nightshade, and blackflowered figwort are present

Sea otters and marine birds and mammals occur offshore

RESOURCES OF PRIMARY CONCERN

This is an intermittent creek and has no sensitive aquatic or estuarine habitat seaward of the culvert, however, a stockpond, freshwater marsh, and willow riparian habitats exist immediately upstream of the RR track.

Yellow warblers occur in terrestrial areas (nesting season from April to Sept)

Shorebird habitat

Potential Western Snowy Plover habitat

Southern sea otters and pinnipeds occur in nearshore waters - year around; Red Legged frogs and southwestern pond turtles are found in the lake from about March through October.

Tidewater goby

Rocky intertidal habitat

Gaviota tarplant critical habitat. Hoffmann's Nightshade, and Blackflowered figwort are present in terrestrial areas

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	Josh Farburrow Ranch Manager	Hollister Ranch Owners Association	(805) 567-5020
T	Federally listed T/E species - Ventura Office	USFWS	(805) 644-1766
C	Lynn Gambell Coordinator	Central Coast Archeological Information Center	(805) 893-7341
C	Office of Historic Preservation (SHPO)	California State Parks (Sacramento Office)	(916) 445-7000
E	Ranch Gate (24 hr)	Hollister Ranch Owners Association	(805) 567-5016

ADDITIONAL SITE SUMMARY COMMENTS:

4-572 -B Site Strategy - San Augustine Creek

4-572 -B

County and Thomas Guide Location
365 F x 7 Santa Barbara

NOAA CHART
18721

Latitude N Longitude W
34.4594 120.35418

Last Page Update : 6/30/2014

CONCERNS and ADVICE to RESPONDERS:

Primary spill threats from inland and marine sources. 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. 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:

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- Roads, trails, beach cliffs and hillsides may be unstable in wet weather. Beware of flashfloods in canyons during rainy weather, ticks, poison oak, and rattlesnakes. Beware of trains at unregulated Railroad Crossings. Care must be taken when working on beaches backed by high cliffs. Safe entries to, and exits from beaches in this area are related to tides and beach sand levels- YOU MAY GET STRANDED ON THE BEACH - Plan accordingly.

SITE STRATEGIES

Two pipelines (a 24-inch oil line and a 20-inch natural gas line) transit the area north of the RR track. They run 18 miles from the Jalama coast to the Freeport-McMoran plant near Gaviota. The creek enters the ocean through a culvert which runs under the railroad track earth fill creek crossing.

Strategy 4-572.1 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 in order to prevent oil from marine spill from entering culvert. 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 4-572.2 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 4-572.3 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	Boat type and gear	Boom boat	Skiffs punts	Skimmers No	Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
4-572.1				15							25 20 Sand Bags, 1 Roll Plastic, 3 Culvert Pipes, 1 Hand Tools, 15 Stakes	3	2
4-572.2			30 Snar								41 30' Construction Fencing, 10 Stakes, 1 Stake Driver	3	2
4-572.3											101 100 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.)

Access from paved road near MP 18.

LAND ACCESS:

A. Access from paved road entrance at Gaviota State Park / Hollister Ranch Gatehouse 805-567-5016. EXCEPT AS OTHERWISE PROVIDED BY APPLICABLE STATE OR FEDERAL LAW, ACCESS RIGHTS MUST BE OBTAINED FROM RANCH MANAGER 805-567-5020 PRIOR TO ENTRY.

B. Shoreline Access – Beach access roads may require regrading before vehicles can enter or exit beaches - contact the landowner for information. Barriers to longshore movement are variable according to tide and sand levels. Area may not be accessible in the winter because dirt roads/rangeland may be muddy.

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.

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

Staging area in parking lot on bluffs above beach

COMMUNICATIONS PROBLEMS: Cell phone communications are limited.

ADDITIONAL OPERATIONAL COMMENTS:



Imagery: NAIP 2010 (Summer) 4-Band