

4-570 -C Site Summary- Damsite Canyon Creek**4-570 -C**

County: **Santa Barbara**
USGS Quad: **Point Conception**

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

Latitude N Longitude W
34.45337 120.42504

Last Page Update : 6/30/2014

SITE DESCRIPTION:

THIS SITE IS LOCATED IN SANTA BARBARA COUNTY DIVISION H. Apx 1.5 miles east of government point, Damsite Canyon is a relatively small, intermittent stream that empties out onto a fine to medium-grained sand south facing beach. A sand berm develops during the dry season. The Southern Pacific Railroad passes over this creek. Point Conception State Marine Reserve is included in this site.

SEASONAL and SPECIAL RESOURCE CONCERN

Whenever the creek is open (most likely during winter depending on rainfall) creek biota is at risk.

RESOURCES OF PRIMARY CONCERN

Small coastal brackish wetland at risk. Terrestrial - willow-riparian woodland surrounded by Coastal Sage Scrub and grazed grasslands. Arroyo willow and Coastal live oaks are present.

Southwestern pond turtles, Red-legged frog and Southern Sea otters offshore.

Tidewater goby might be present.

Gaviota tarplant critical habitat. Hoffmann's Nightshade, and Black-flowered 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
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
T	Becky Ota Marine Conservation Manager	CDFW Marine Protected Areas Program	(650) 631-6789
T	Elizabeth Petras Biologist	National Marine Fisheries Service	(562) 980-3238
E	Ranch Gate (24 hr)	Hollister Ranch Owners Association	(805) 567-5016
E	Ranch Manager	Cojo-Jalama Ranch/Coastal Management Resources	(805) 736-7300
T	Steve Wertz Senior Environmental Scientist	CDFW Marine Protected Areas Program	(562) 342-7184

ADDITIONAL SITE SUMMARY COMMENTS:

4-570 -C Site Strategy - Damsite Canyon Creek

County and Thomas Guide Location

365 E x 7 Santa Barbara

NOAA CHART

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4-570 -C

Latitude N

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34.4534 120.42504

CONCERNS and ADVICE to RESPONDERS:

Last Page Update : 6/30/2014

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 4-570.1 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 a 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 4-570.2 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 4-570.3 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 4-570.4 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	Boom tvbe and gear	Boat	Skiffs punts	Skimmers No	Type	Special Equipment or comment and kinds	staff deploy	Staff tend
4-570.1		100		80	5						46 1 Front End Loader, 1 Roll Plastic, 3 Culvert Pipes, 20 Sand Bags, 10 Stakes, 1 Stake Driver, 20' Construction Fencing, 1 Hand Tools	5	2
4-570.2				80							154 150 Sand Bags, 1 Roll Plastic, 3 Culvert Pipes, 1 Hand Tools	5	2
4-570.3			160 Snar								221 200' Construction Fencing, 20 Stakes, 1 Stake Driver	5	2
4-570.4											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 Highway 1, two miles south of Lompoc, take Jalama Road 14.2 miles to Cojo-Jalama Ranch. Look for the wrought iron gate with green "C" on it, just before the railroad track. Enter gate and drive eastward toward Damsite Cyn. Access the

creek mouth by walking downstream from the dirt road.

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:

COMMUNICATIONS PROBLEMS: Cell phone communications are limited.

ADDITIONAL OPERATIONAL COMMENTS:

Surfin' Cowboy Ranch (formerly Western LNG Properties and Western Gate Ranch) – between Hollister Ranch (East) and Cojo/Jalama Ranch (West) includes Cojo Drainage to Barranca Honda.

