

**4-570-C Site Summary - Damsite Canyon Creek****4-570-C****County :** Santa Barbara **ACP Division/Segment :** SB - H - S02**NOAA Chart :** 18721**Map Book :** 365 E x 7**Decimal Degrees :** 34.45 -120.4266**Site Description:**

Apx 1.9 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. Whenever the creek is open, creek biota and a small coastal brackish wetland are at risk. Willow-riparian woodland surrounded by coastal sage scrub.

**Resources at Risk:***ESI and Habitat:* 10A Salt - and brackish-water marshes

9B Vegetated low banks

3A Fine- to medium-grained sand beaches

**List of Resources at Risk:**

	<b>Resource Name</b>	<b>Status</b>	<b>Presence</b>
Amphibians	California red-legged frog	FT	Year-round
Fish	tidewater goby	FE	Year-round
Mammals	Southern sea otter	FT, SP	Year-round
Plants	Gaviota tarplant	FE, SE	Year-round
Reptiles	southwestern pond turtle	SSC	Year-round

FT-Federally Threatened, FE-Federally Endangered, FP-Federally Protected, SE-State Endangered, ST-State Threatened, SP -State Protected, SR-State Rare, SSC-Species of Special Concern, BGEPA-Bald and Golden Eagle Protection Act, SSSP-State Special Status Species

**List of Key Contacts:**

<b>Type</b>	<b>Name/Title</b>	<b>Organization</b>	<b>Phone</b>
C	/	Central Coast Archeological Information Center	(805) 893-2474
C	/	Native American Heritage Commission	(916) 373-3710
E	Ranch Gate/24 hour number	Hollister Ranch Owners Association	(805) 567-5016
E	Josh Farberow/Ranch Manager	Hollister Ranch Owners Association	(805) 567-5020
E	/Property Manager	Jack and Laura Dangermond Preserve	(805) 736-7300
T	Becky Ota/Marine Protected Areas	California Department of Fish and Wildlife	(650) 631-6789
T	Steve Wertz/Senior Environmental Scientist	California Department of Fish and Wildlife, Marine	(562) 343-3808
T	/	US Fish and Wildlife Service, Federal T&E Species	(805) 644-1766

C – Cultural, Historic, Archaeological; E – Entry/Owner/Access; O – Other; S – Safety; T – Trustee; X – Exclusion or Security

**Additional Site Summary Comments:**

**Concerns and Advice to Responders:**

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.

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 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.

**Hazard and Restrictions:**

A. Unhealthy levels of coliform bacteria have been found intermittently in streams and on beaches in this area. 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:****Strategy: 4-570.1 Objective:** Exclude Oil

*Strategy:* Deploy exclusion booms across the inlet to minimize the likelihood of oiling the estuary. Place the booms in a configuration that forms an adjustable oil collection pocket that can 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 recoverable oil on-water, deploy sorbents and contact the IC immediately regarding the use of skimmers. Monitor, adjust, and replace booms as needed to maintain effectiveness.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp Boom			100	feet	
Boom	Sorbent Boom			100	feet	
Vehicle	ATV			1		
Staff				5		
Anchor				5		

**Strategy: 4-570.2 Objective:** Build Sandbag Dam

*Strategy:* Build a sandbag exclusion/containment dam using onsite materials or imported materials as directed by CDFW biologist. Use clean low silt content sand. If using onsite materials obtain only from un-vegetated areas and have a cultural specialist onsite to monitor. 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 recoverable oil on-water, deploy sorbents and contact the IC immediately regarding the use of skimmers.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Sorbent Boom			80	feet	
Anchor				2		
Staff				5		
Vehicle	ATV			1		
Sandbags				150		

**Strategy: 4-570.3 Objective:** Erect Filter Fence

*Strategy:* Construct a filter fence across the front of the channel where the inlet is narrowest, water flows are low or dry, the ground can receive and hold metal stakes, and the spill is heavy oil. Monitor barrier and replace pom-poms as necessary to maintain effectiveness.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Fence	Construction Fencing	4 x 100 feet		2	Rolls	
Misc.	Oil Snare (pom-pom)			160		
stakes	T-posts		6 feet	20		
Misc.	Stake Driver			1		
Vehicle	ATV			1		
Staff				5		

**Strategy: 4-570.4 Objective:** Shoreline Pre-Clean: Resource Specialist Supervision Required

*Strategy:* 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.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Vehicle	ATV			1		
Misc.	Trash Bags					
Staff				5		

**Logistics:**

*Directions:* From Highway 1, two miles south of Lompoc, take Jalama Road 14.2 miles to the Jack and Laura Dangermond Preserve. Look for wrought iron gate with green "C" on it, just before the railroad track. Enter gate and drive eastward toward Damsite Canyon.

*Land Access:* Access must be obtained through the Jack and Laura Dangermond Preserve manager at 805-736-7300 or through the paved road entrance at Gaviota State Park/Hollister Ranch Gatehouse at 805-567-5016 or from the ranch manager at 805-567-5020. Surfin' Cowboy Ranch- between Hollister Ranch (East) and Jack and Laura Dangermond Preserve (West) includes Cojo Drainage to Barranca Honda.

*On-Water Limitations:* Santa Barbara Harbor is the nearest full service civilian harbor for full service berthing, launching and fueling.

*Facilities, Staging Areas, Command Posts, Available Equipment:*

*Communications Problems:* Cell phone communications are limited.

*Additional Operational Comments:* Protect the Marine Protected Area (MPA) boundaries.



Imagery: NAIP 2010 (Summer) 4-Band