

**2-287-A Site Summary - Gazos Creek****2-287-A****County:** San Mateo **ACP Division/Segment:** SM - O - S017**NOAA Chart:** Pt Sur - S Francisco **Map Book:** AAA San Mateo C **Decimal Degrees:** 37.166387 -122.361642**Site Description:**

This site is limited to the mouth of the creek and the lagoon immediately inland of the beach face and berm top. Site is within the following State Marine Protected Area: Ano Nuevo State Marine Conservation Area. The area is also within the Monterey Bay National Marine Sanctuary. Creek remains open during the winter months of the year and during high tides. Well-developed fringing marsh along the creek banks on both sides of the Highway 1 bridge.

**Resources at Risk:***ESI and Habitat:* 3A Fine- to medium-grained sand beaches

2A Exposed wave-cut platforms in bedrock, mud, or clay

10B Freshwater marshes

**List of Resources at Risk:**

	Resource Name	Status	Presence	Sensitivity
Birds	Western snowy plover	FT, SSC	Year-round	Mar-Oct
Fish	steelhead - Central/Northern California	FT	Year-round	Nov-Apr
Fish	coho salmon - south of Punta Gorda	FE, SE	Year-round	Nov-Apr

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:**

Type	Name/Title	Organization	Phone
C	/Coordinator	Native American Heritage Commission	(916) 373-3710
C	/Coordinator	Northwest Information Center	(707) 588-8455
O	/Agency Representative, 24-hr	California Coastal Commission	(415) 693-8375
O	/Dispatch, 24-hr	California State Parks	(916) 358-1300
O	/Dispatch, 24-hr	San Mateo Co. Dept. of Emergency Management	(650) 363-4963
T	/Agency Representative	California Department of Fish and Wildlife	(831) 688-6768
T	/Agency Representative, 24-hr	Greater Farallones National Marine Sanctuary	(650) 678-4943
T	/Agency Representative, 24-hr	Greater Farallones National Marine Sanctuary	(650) 479-5311

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:**

Oil entering the lagoon will kill or injure salmon and steelhead smolts in the lagoon, and may injure birds using the beach and lagoon.

**Hazard and Restrictions:**

The surf occasionally washes people and equipment out to sea. The rising tide can trap people and equipment on isolated beaches. The eroding cliff face is unstable, keep all personnel away from the edge or base of cliffs.

**Site Strategies:****Site Validation Level: II**

**Strategy: 2-287.1 Objective:** Exclude oil from entering the lagoon at the mouth of the creek. Should oil enter the lagoon, contain it as near the outlet as possible and remove promptly to minimize impact to fish in the lagoon and vegetation along the inland side of the lagoon.

**Strategy:** Construct 600 foot long sediment dike between berm top and lagoon with collecting trench between dike and lagoon. Sediment may be scarce after major storms. Deploy 200 feet of small ( 4 inch freeboard ) boom to contain oil entering the lagoon along the seaward side of the lagoon. Recover oil that strands on beach seaward of the dike, and in the collecting trench behind dike. Should oil enter the lagoon, recover it as quickly as possible or allow it to flow back to sea if high runoff from the creek makes recovery ineffective. 50ft of Oil Snare (OS) or 200ft of sorbent boom may be effective if sufficient oil collects in the lagoon.

A cargo helicopter may be useful for moving equipment from the parking lot to the creek mouth. Use of a helicopter could greatly reduce the injury to upland vegetation and the time required to implement the booming strategy if the sediment dike is not constructed. Contact IC if oil accumulates in skimmable quantities.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Heavy Equip	Bobcat w/ tracks			1		
Boom	Swamp	6x6 inch		200	feet	
Boom	Sorbent			300	feet	
Boom	Oil Snare (pom-pom)			50	feet	
Anchor	Danforth	22 lb		5		
Staff	Staff to Deploy			4		

**Strategy: 2-287.2 Objective:** Oil Recovery by skimming

**Strategy:** Use drum or rope skimmer to collect oil if it accumulates in skimmable quantities. Get authorization from IC prior to using this collection strategy.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
skimmer	shoreside			1		
Staff	Staff to Deploy			3		

**Logistics:**

**Directions:** From Oakland take Hwy 880 south, turn west onto Hwy 92 to Halfmoon Bay. Turn south onto Hwy 1. Drive down the coast approximately 22 miles. Access from paved parking lot on seaward side of Hwy 1, and locked gate along Gazos Creek Road immediately inland of Hwy 1.

**Land Access:** 4WD/ATV to travel on beach. Coordinate with State Parks Personnel for access.

**On-Water Limitations:** Nearest boat facilities are in Half Moon Bay, twenty-two miles to the north.

**Facilities, Staging Areas, Command Posts, Available Equipment:** The Gazos Creek parking lot is suitable for a small staging area or field post. The Half Moon Bay airport is suitable for a large staging area. Smaller staging areas and field posts may be located at Ano Nuevo State Park or Pigeon Point Lighthouse. San Mateo County OES can identify an appropriate command post.

**Communications Problems:** Cell reception varies along coastline.

