

2-280-A Site Summary - Pescadero Marsh**2-280-A****County:** San Mateo **ACP Division/Segment:** SM - N - S012**NOAA Chart:** Pt Sur - S Francisco **Map Book:** AAA San Mateo C **Decimal Degrees:** 37.265015 -122.409518**Site Description:**

The site includes the creek mouth from the surf upstream to the confluence of Butano Creek (approx 0.3 miles) and managed under CA State Parks. The area is within the Greater Farallones National Marine Sanctuary. Site is associated with BLM Ca Coastal National Monument resources. Pescadero marsh is the largest marsh system on this part of the coast. The mouth is wide (~300 ft) across the medium grained sand beach. The creek mouth is either open or susceptible to waves to waves washing over the berm at high tide and into the lagoon most of the year. There is a large freshwater lagoon inland of the Highway 1 bridge.

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

10B Freshwater marshes

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

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Amphibians	California red-legged frog	FT, SSC	Year-round	Nov-Apr
Birds	common yellowthroat	FP, SSC	Year-round	Jun-Aug
Birds	Western snowy plover	FT, SSC	Year-round	Mar-Oct
Fish	coho salmon - south of Punta Gorda	FE, SE	Year-round	Nov-Apr
Fish	steelhead - Central/Northern California	FT	Year-round	Nov-Apr
Fish	tidewater goby	FE, SSC	Year-round	
Invertebrates	California brackish water snail		Year-round	
Plants	Ventura marsh milk-vetch	FE, SE	Year-round	Jul-Oct
Reptiles	San Francisco garter snake	FE, SE	Year-round	Apr-Sep

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	/Natural Resources Specialist	BLM, CA Coastal National Monument	(831) 582-2200
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:

Several threatened, endangered, or proposed listed species are present within the creek and marsh, such as the tidewater goby, San Francisco garter snake, saltmarsh common yellowthroat, red-legged frog, and the California brackish water snail. Steelhead Trout migrate upstream from Nov. - Jan., while downstream migrants use the creek from Feb. - May, and smolts are present year round. Waterfowl and wading birds are also abundant in the creek and marsh system. The Pescadero Marsh system is an important resting and feeding area for migratory birds using the Pacific flyway.

Hazard and Restrictions:

The surf occasionally washes people and equipment out to sea.

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

Strategy: 2-280.1 Objective: Exclude oil from entering the mouth of the creek. If oil does enter the creek, prevent it from reaching the wetland vegetation.

Strategy: Flood currents could be fairly strong during spring tides. The shape of the creek mouth changes often. Responders may have to design a strategy suited to the conditions they find.

Under ideal conditions, it may be possible to close off the inlet with a sediment dike (medium-grained sand) about 500 feet long. There appears to be an abundant sand supply to the north. However, waves are typically quite large and storm waves would breach the dike. It could also wash out during periods of high run-off. If dike fails, there is a sandy-shoreline catchment area located on the north shore of the ponded water.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		4000	feet	
Boom	Sorbent			400	feet	
Boom	Oil Snare (pom-pom)			50	feet	
Anchor	Danforth	25 lb		12		
Staff	Staff to Deploy			8		

Strategy: 2-280.2 Objective: Exclude oil from entering the mouth of the creek. If oil does enter the creek, prevent it from reaching the wetland vegetation.

Strategy: If a dike is not possible consider the following:

b) Deploy 600 feet of swamp boom from the rocky headland on the south side of the creek mouth to the northern bridge footing to deflect oil to the sandy beach there during the flood tide, and another 600 feet of swamp boom from the southern bridge footing to the sandy beach on the north shore of the creek 300 feet upstream from the bridge. Oil could be stranded and collected here. Divert oil to two locations: 1) sandy shoreline (north shore), both seaward and inland of the highway 1 bridge (logs and other debris would have to be removed), and 2) 50ft of Oil Snare (OS) and/or 100ft of sorbent boom to collect the oil that may accumulate.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		1500	feet	
Boom	Sorbent			100	feet	
Boom	Oil Snare (pom-pom)			50	feet	
Anchor	Danforth	22 lb		7		
Staff	Staff to Deploy			5		

Strategy: 2-280.3 Objective: Oil Recovery by skimming

Strategy: If oil accumulates in skimmable quantities, deploy skimmer in open water to southeast of bridge. Consult with IC prior to initiation of strategy.

Table of Response Resources

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

Logistics:

Directions: From Hwy 92 at Halfmoon Bay, continue south on Hwy 1 to Pescadero Beach (approx 20 miles). The area is part of San Mateo Coast State Beach System.

Land Access: 4WD/ATV may be able to travel on beach. Stay on wetted sand to avoid nesting sites.

On-Water Limitations: Boats must be small enough to carry across beach. Nearest boat facilities are in Half Moon Bay, twenty miles to the north

Facilities, Staging Areas, Command Posts, Available Equipment: There is a small dirt parking lot seaward of highway 1 on the south side of the creek mouth. This parking lot may be suitable for a small staging area or field post. The Half Moon Bay airport is suitable for a large staging area. San Mateo County OES can identify an appropriate command post.

Communications Problems: Cell reception is spotty along coastline.

Additional Operational Comments: No communications problems reported at this location

