

2-277-A Site Summary - Pomponio Creek**2-277-A****County:** San Mateo **ACP Division/Segment:** SM - N - S010**NOAA Chart:** Pt Sur - S Francisco **Map Book:** AAA San Mateo C **Decimal Degrees:** 37.299376 -122.405026**Site Description:**

This site includes the beaches north and south of Pomponio Creek and upstream of the Hwy 1 bridge. The area is within the Greater Farallones National Marine Sanctuary. The creek flows to the ocean most of the year. Medium-grained sand beach and sand berm gets reworked by wave action. The lagoon under the Hwy 1 bridge is present year round. The channel configuration changes with seasonality and may or may not outflow to Pacific Ocean.

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

1A Exposed Rocky Shore

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	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
Plants	Choris' popcorn flower	SR	Year-round	Mar-Jun
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	/Agency Representative	California Department of Fish and Wildlife	(831) 649-2884
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 in the lagoon may kill or severely injure salmon smolts. To minimize impacts to snowy plovers responders should stay on the wet portion of the beach. Use caution while on beach, snowy plovers are present. Nesting areas may not be fenced off.

Hazard and Restrictions:

Beware of heavy surf: it occasionally washes people and equipment out to sea. Keep all personnel away from base of cliffs.

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

Strategy: 2-277.1 Objective: Exclude oil from entering the lagoon. If oil does enter the lagoon, remove it with sorbent boom or pom-poms.

Strategy: Location of lagoon changes occasionally. Responders must adapt the strategy to the situation they find.

A) The preferred option is to close off inlet with a sediment dike backed by collection trench (medium-grained sand). The dike would have to be about 500 yards long. Consider constructing a collecting trench on the back side of the berm if oil is expected to wash over the top of the berm. Sediment may be in short supply, especially after storms, and the dike could wash out during periods of high runoff, consider underflow dam.

If dike doesn't hold or there is insufficient sand to construct one, backup strategy consists of:

b) try to keep oil on seaward side of Route 1 bridge by setting up deflection boom system to divert oil to catchment areas on south shore of lagoon and on the landward side of the high berm, or if there is sufficient flow of water out of the lagoon, deflect oil to outlet and back to the sea. Depending upon configuration of creek mouth this strategy may require 600 to 1500 feet of swamp boom. Up to 3,000 feet of oil snare on a rope should be deployed where waves are expected to wash over into the lagoon.

c) If there is risk of oil passing through the double culverts under highway 1, deploy swamp boom and sorbents across the creek on both sides of highway 1. If there is little or no flow of water through the culverts, dam the culverts with sediment. Use PVC pipe fitted with a 90 degree elbow to allow freshwater to flow through the dam.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		2100	feet	
Boom	Sorbent			3600	feet	
Anchor	Stakes			30		
Staff	Staff to Deploy			8		

Logistics:

Directions: Take Hwy 92 to Halfmoon Bay. Turn south onto Hwy 1. Drive down the coast approximately 15 miles.

Land Access: Foot traffic only.

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

Facilities, Staging Areas, Command Posts, Available Equipment: The Pomponio beach parking lot is suitable for a small staging area or field post. Responders may have to travel north or south on Hwy 1 to find a location where they can communicate with the command 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 may be spotty along the coastline.

