

2-250-A Site Summary - Thornton Beach State Park**2-250-A****County:** San Mateo **ACP Division/Segment:** SM - K - S001**NOAA Chart:** Gulf of Farallones 18645, **Map Book:** SF Bay and Delta **Decimal Degrees:** 37.698112 -122.495817
SF Bay 18649**Site Description:**

This site is a long stretch of medium to coarse-grained sand beach backed by vegetated dunes. Site is under jurisdiction of CA State Parks. The sand on this beach becomes progressively coarser and softer toward the south.

Resources at Risk:

ESI and Habitat: 3A Fine- to medium-grained sand beaches
4 Coarse-grained sand beaches
1C Exposed rocky cliffs with boulder talus base

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Birds	seabirds		Year-round	
Birds	shorebirds		Year-round	
Fish	surf smelt		Year-round	Mar - Aug
Plants	San Francisco Bay spineflower	SSSP	Year-round	Apr-Jul

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
E	/Dispatch	California Department of Parks and Recreation	(916) 358-1300
E	/Office	California State Parks, Lighthouse Field SB	(831) 423-9703
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	/Sanctuary Manager	Greater Farallones National Marine Sanctuary	(415) 254-8747
T	/Dispatch, 24-hr	US National Park Service, Golden Gate NRA	(415) 561-5505

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

Additional Site Summary Comments:

Stay away from base of sandstone cliffs. They collapse without warning. Beware of tides when accessing beach area. Have an emergency exit plan.

Concerns and Advice to Responders:

There is potential for penetration and burial of oil on this beach from sand deposition and wave action.

Hazard and Restrictions:

Stay away from base of sandstone cliffs. They collapse without warning. Cliff swallows nest in the highly erodable cliffs at Fort Funston. Keep people away from these cliffs at all times. Aircraft- cliffs; boats- heavy surf; trucks and heavy equipment- possible entrapment at high tide, no access from south, questionable from north; pedestrians- isolation at high tide, surf.

Site Strategies:**Site Validation Level: 0**

Strategy: 2-250.1 Objective: Offshore containment and recovery activities to minimize or avert oil from impacting shoreline habitats and wildlife

Strategy: This site is difficult to protect as is most of the outer coast. Mechanical shoreline protection techniques are not likely to be effective because of high wave energy and/or rocky conditions at this site.

- a) Recommended response strategy is on-water containment and recovery.
- b) Pursue feasibility of alternative response technologies (e.g. dispersants and in-situ burning) to reduce the volume of oil reaching the site.

Table of Response Resources

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Strategy: 2-250.2 Objective: Deflect oil past site to shore collection.

Strategy: Place deflection boom along south edge of beach outward. Oil collection point: beach (coarse grain sand to granule). Use 50ft of oil snare (OS) and/or 100ft of sorbent boom to recover any oil that may accumulate. If oil accumulates in skimmable quantities, advise IC with recommendations for initiating strategy to deploy skimmer.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Ocean Boom	36X36 inch		1000	feet	
Boom	Sorbent			100		
Anchor	Danforth	50 lb		7		
Vessel	Boom Boat			1		
Vessel	Skiff			1		
Staff	Staff to Deploy			5		

Strategy: 2-250.3 Objective: Oil Recovery by skimming if skimmable quantities of oil are present

Strategy: Position shoreside skimming system end of bridge.

Table of Response Resources

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

Logistics:

Directions: Take Hwy 35 to John Dailey Blvd in Daly City. Turn seaward and park at locked gate. Hike around gate and follow trail to Beach or take Sloat Blvd or Hwy 35 to the Great Hwy in San Francisco, go to southern-most parking lot on Great Highway. There is vehicle access to beach here. Hike or drive south to Thornton State Beach.

Land Access: Contact CA State Parks Personnel for vehicle access.

On-Water Limitations: No vessel access due to heavy surf.

Facilities, Staging Areas, Command Posts, Available Equipment: Daly City is nearby with full amenities.

Communications Problems: Good cell reception near water, watch for sleeper waves.

