

## 2-250 -A/C Site Summary- Thornton State Beach

2-250 -A/C

County: **San Mateo**  
USGS Quad: **San Francisco South, CA**

Thomas Guide Location

Latitude N  
3 7 42

Longitude W  
122 30

NOAA Chart: **Gulf of Farallones 18645, SF Bay 18649**

Last Page Update : 7/1/1994

### SITE DESCRIPTION:

This site is a long stretch of coarse-grained sand to granule beach. Site is under jurisdiction of CA State Parks. The sand on this beach becomes progressively coarser and softer toward the south. Steep cliffs back the beach.

### SEASONAL and SPECIAL RESOURCE CONCERN

"A" priority March - August when surf smelt eggs are in sandy beaches. Seabird roosting area year-round. "C" priority September - February.

### RESOURCES OF PRIMARY CONCERN

Sandy beach habitat for surf smelt spawning (March - August). Seabird roosting and foraging area year-round.

California brown pelicans, cormorants, and common murres foraging area offshore. Other seabirds include: sanderlings, scoters, marbled godwits, willets, ring-billed gulls, and wimbrels.

Striped bass, salmon, and smelt in nearshore waters year-round.

Open sandy habitat in this area may contain sensitive plant species, including the San Francisco spineflower

### CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

There are historic resources present. Office of Historic Preservation (Eric Allison -(916) 653-9125), and the Northwest Information Center, (Bryan Much, Sonoma State College ((707) 332-1117)) for specific information on historic or cultural resources in this area.

### KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

| Type | Name / Title             | Organization                                     | Phone          |
|------|--------------------------|--|----------------|
| E    | San Mateo Coast Sector   | CA State Parks                                   | (650) 726-8819 |
| T    | 24hr Sanctuary Personnel | Gulf of the Farallones National Marine Sanctuary | (650) 479-5311 |
| E    |                          | CA State Parks, Northern Comms Center (Dispatch) | (916) 358-0333 |

### ADDITIONAL SITE SUMMARY COMMENTS:

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County and Thomas Guide Location

San Mateo

NOAA CHART

Gulf of Farallones 18645, SF Bay 18649

## 2-250 -A/C

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### CONCERNS and ADVICE to RESPONDERS:

There is potential for penetration and burial of oil on this beach.

### HAZARDS and RESTRICTIONS:

Cliff swallows nest in the highly erodable cliffs at Fort Funston. Keep people away from these cliffs. 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

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

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.

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

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.

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

Position shoreside skimming system end of bridge.

### Table of Response Resources

| strategy number | harbor boom | swamp boom | Other boom type | sorb boom | Anchoring no | type and gear | Boom boat | Skiffs punts | Skimmers No | Type | Special Equipment or comment No and kinds | staff deploy | Staff tend |
|-----------------|-------------|------------|-----------------|-----------|--------------|---------------|-----------|--------------|-------------|------|---|--------------|------------|
| 2-250.1         | 0           |            |                 |           |              |               |           |              |             |      | On-water Recovery / ART                   | 9            |            |
| 2-250.2         | 0           |            | 1000 OB         | 100       |              |               | 2         | 0            |             |      |   | 6            |            |
| 2-250.3         | 0           | 0          |                 | 0         | 0            |               | 0         | 0            | 1 SSS       | 0    |   |              |            |

### LOGISTICS

**DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)**

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. This site is a long stretch of coarse-grained sand to granule beach. Site is under jurisdiction of CA State Parks.

### LAND ACCESS:

### WATER LOGISTICS:

Limitations: depth, obstruction  
Launching, Loading, Docking  
and Services Available:

### FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

### COMMUNICATIONS PROBLEMS:

### ADDITIONAL OPERATIONAL COMMENTS:

