

County: **San Mateo**
USGS Quad: **Redwood Point, California**

Thomas Guide Location

Latitude N

Longitude W

3 7 33

122 15

NOAA Chart: **18649/18650 Entrance to SF Bay**

Last Page Update : 1/15/2007

SITE DESCRIPTION:

This site includes the length of Belmont Slough and branching sloughs (Bay Slough) and the saltmarsh and mudflat frontage at the Bay front. The southeastern side of the slough is managed by SF Bay National Wildlife Refuge and the northwesterly side is joint owned by CDFW & Ca State Lands Commission. Belmont Slough is a narrow channel on the southwest shore of South San Francisco Bay, one mile south of the San Mateo-Hayward Bridge. Marsh and mudflat are present at the mouth and along its banks. There is a large bay front saltmarsh between the bay and Bay Slough. The mudflat bayward of the marsh is very wide and shallow. It is part of San Francisco Bay National Wildlife Refuge and California Department of Fish and Wildlife Redwood Shores Ecological Reserve.

SEASONAL and SPECIAL RESOURCE CONCERN

"A" priority all year. Endangered species are present all year.

RESOURCES OF PRIMARY CONCERN

Main habitats of concern are bay front and slough margin saltmarsh and extensive tidal mudflats.

Sensitive bird species found here include: Endangered - California clapper rail, California least tern; California Species of Special Concern: saltmarsh common yellowthroat, Alameda song sparrow. Also, California brown pelican, American peregrine falcon, and large numbers of a wide variety of birds nest and winter here: shorebirds, waterfowl, wading birds, and waterbirds.

Sensitive mammals species found here include: endangered salt marsh harvest mouse and California species of special concern - salt marsh wandering shrew. Harbor seals frequent this site.

The sloughs and mudflats are important habitat for fish, shellfish and infauna and foraging habitat for birds.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Contact the California Dept of Parks and Recreation -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/T	Eric Mruz Mgr - Don Edwards NWR	US Fish & Wildlife Service, SF Bay (NWR)	(510) 792-0222

ADDITIONAL SITE SUMMARY COMMENTS:

2-362 -A Site Strategy - Belmont Slough

County and Thomas Guide Location

San Mateo

NOAA CHART

18649/18650 Entrance to SF Bay

2-362 -A

Latitude N

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CONCERNS and ADVICE to RESPONDERS:

The concern is oil and response impacts to marsh, wildlife, and rare and endangered birds, animals and plants which are present year-round. Primary objective is to minimize exposure by excluding oil from entering Belmont Slough. Secondary objective is to minimize exposure and impacts to bay frontage marshes by protective booming. Always of concern is the impacts resulting from response and cleanup: avoid trampling marsh and sensitive plants and animals, avoid disturbing soft mudflats, and avoid trampling oil into marsh and mud.

HAZARDS and RESTRICTIONS:

Aircraft beware of high power wires. Vessels be aware that Belmont Slough is very narrow and unmarked and mudflats and margins are very shallow.

SITE STRATEGIES

Shore Margins along entire site and the channel are extremely shallow. Channel itself is probably navigable at low water, but nearshore activities are not feasible.

Strategy 2-362.1 Objective: Exclude/collection oil fom entering Belmont Slough.

- a) Deploy several 600 to 1,000+ ft. sections of 9X9+ Hboom cascading south along the mudflat/channel shelf contour to deflect oil back into main current and away from shore.
- b) Deploy 200 ft. of swamp boom from prominent rip rapped point NW of Belmont Slough entrance marsh across mudflat to channel margin. Exclude and deflect oil away from the marsh into a skimming pocket located in the main channel near the confluence of Belmont and Bay Sloughs. Light oil may be engaged using oil snare but heavier oil will require skimming per strategy 2-362.3.

Strategy 2-362.2 Objective: Protective booming of bayfront tidal marsh

Deploy 6,000 ft. of 9X9+ Hboom on the bay side of salt marsh island in front of Bay Slough. At the north end connect with boom leg of skimmer system. Tidal barrier boom is preferred, however, 9X9+ Hboom backed with several layers of sorbent boom may also be adequate.

Strategy 2-362.3 Objective: For Collectible oil quantities oil use SPS skimmer

Oil threat to the site via the channel and carried on tidal currents can only be addressed midchannel; shallow water Self Propelled Skimmer (SPS) or Stationary Floating Skimmer (SFS) can function in the collection pocket of initial deployment 2-362.1 to capture collectible oil.

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 No	Equipment or and kinds	comment	staff deploy	Staff tend
2-362.1	4000	200			18	18/40/ Danforth	3	0						14	
2-362.2	6000				35	35/22+/Danforth	2	3						16	
2-362.3	0	0	0	0	0		0	0	1 SPS	0					

LOGISTICS

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

Primary access is via water since land access is limited by fronting marsh. By land, exit Hwy 101 at East Hillsdale Blvd and proceed on Hillsdale or Foster City Blvd. bayward to Beach Park Blvd. This site includes the length of Belmont Slough and branching sloughs (Bay Slough) and the saltmarsh and mudflat frontage at the Bay front. The southeastern side of the slough is managed by SF Bay National Wildlife Refuge and the northwesterly side is joint owned by CDFW & Ca State Lands Commission.

LAND ACCESS: All types along Beach Park Blvd.

WATER LOGISTICS: Extreme shallows and mudflats at low tide.

Limitations: depth, obstruction

Launching, Loading, Docking Redwood City Marina.

and Services Available:

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

Staging at Redwood City Marina, harbor and possibly along Beach Park Blvd. on Brewer Island in Foster City.

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:

