

County: **San Mateo**

Thomas Guide Location

Latitude N

Longitude W

USGS Quad: **Redwood Point, California**

3 7 32

122 14

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

Last Page Update : 1/15/2007

SITE DESCRIPTION:

The site includes Redwood Creek from its mouth to Hwy 101 and Westpoint Slough, and several small side channels (but not Corkscrew Slough). Site includes Redwood Shores State Marine Park. Portions of the mouth are included in San Francisco National Bay Wildlife Refuge. Redwood Creek is the dredged channel for the Port of Redwood City. Its banks are lined with cordgrass and pickleweed marshes. Large tidal flows through this creek feed other connecting sloughs and marshes.

SEASONAL and SPECIAL RESOURCE CONCERN

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

RESOURCES OF PRIMARY CONCERN

The banks of Redwood Creek, West Point Slough and other channels are lined with cordgrass and pickleweed marshes. Large tidal flows through this creek feed other connecting sloughs and marshes. These marshes and associated mudflats support a wide variety of species including many Special Status Species.

Sensitive bird species found here include: Endangered - California clapper rail, California least tern; Threatened - western snowy plover; 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 haul out along north side of creek.

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

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:

2-365 -A Site Strategy - Redwood Creek

County and Thomas Guide Location

San Mateo

NOAA CHART

18649/18650 Entrance to SF Bay

2-365 -A

Latitude N

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CONCERNS and ADVICE to RESPONDERS:

Last Page Update : 1/15/2007

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 Redwood Creek. 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 overhead power lines nearby. Vessels be aware of shallow water.

SITE STRATEGIES

Shore margins along entire site and the channel are extremely shallow. Channel itself is navigable, but nearshore activities are not feasible.

Strategy 2-365.1 Objective: Deflect past, Deflect to collection, Protective boom shoreline.

- Deploy several 600+ ft sections (3000 ft) of 9X9+ Hboom with heavy anchors from Redwood Creek channel markers #3,4,5, and 6 to deflect oil back into main current and away from shore.
- Deploy 1,500 ft of 18 inch deflection swamp boom off both channel markers #7 and 8.
- Deploy 5,000 ft of 18 inch swamp boom along the north channel margin and on the south side of the channel, connect with boom deployed in the Bair Island strategy (2-364.2). Exclude and deflect oil away from the marsh into a skimming pocket located in the main channel near channel markers #9 and 10: use oil snare or sorbents to collect light oil or sheen, but implement skimming per 2-365.2 for skimmable oil.

Strategy 2-365.2 Objective: For Collectible oil quantities, use SPS skimmer

Position self propelled skimmer (SPS) or stationary floating skimmer (SFS) in main slough channel in or attached to the skimming pocket deployed in 2-365.1. Skimmer system may need be set up so that it can rearranged for flood and ebb tides.

Strategy 2-365.3 Objective: Draft Interior Redwood Creek Strategy. Prevent oil from Port of Redwood City from reaching interior marshes.

- Exclude oil from Westpoint slough. Use 1500' 9x9 boom across mouth of Westpoint Slough
- Exclude oil from interior marshes on Bair Island/ Steinberger Slough marshes.

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
2-365.1	3000	8000		2000	50 35/22+ & 15/40+/-danforth w chain	6	3		very shallow Bboats	28	
2-365.2	0	0	0	0	0	0	0	1 SPS/SFS 0			
2-365.3	1500	0	0	0	0	0	0	0	0		

LOGISTICS

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

Vehicle access to margin of site is from Hwy 101, exit on Seaport Blvd and continue to Port of Redwood City or Municipal Marina. Vessel access is from the Port or marina bayward to the mouth of Redwood Creek. The site includes Redwood Creek from its mouth to Hwy 101 and Westpoint Slough, and several small side channels (but not Corkscrew Slough). Site includes Redwood Shores State Marine Park. Portions of the mouth are included in San Francisco National Bay Wildlife Refuge.

LAND ACCESS: Foot only except at harbors.

WATER LOGISTICS: Extreme shallows near shore.

Limitations: depth, obstruction

Launching, Loading, Docking On site: Redwood City Marina and Port of Redwood City.
and Services Available:

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

Staging at Redwood City marina, harbor.

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:

