

2-365-A Site Summary - Redwood Creek**2-365-A****County:** San Mateo **ACP Division/Segment:** SM - C - S005 SM - C - S006**NOAA Chart:** 18649/18650 Entrance to SF Bay **Map Book:** AAA San Mateo C **Decimal Degrees:** 37.525714 -122.198361**Site Description:**

Redwood Creek extends from the bay to Hwy 101 including Westpoint Slough, and several side channels excluding Corkscrew Slough. Site also 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 vessel access to the Port of Redwood City. Creek banks are lined with cordgrass and pickleweed salt-marshes. Large volume tidal exchange flows through this creek feed adjacent sloughs and fringe marsh habitat.

Resources at Risk:*ESI and Habitat:* 10A Salt - and brackish-water marshes

8C Sheltered riprap

9B Vegetated low banks

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Birds	California black rail	FP, ST	Year-round	Mar-Aug
Birds	California Ridgeway's rail	FE, SE	Year-round	Feb-Aug
Birds	California least tern	FE, SE	Apr-Sep	Apr-Jun
Birds	Western snowy plover	FT, SSC	Year-round	Mar-Oct
Birds	common yellowthroat	FP, SSC	Year-round	Jun-Aug
Fish	longfin smelt	ST	Year-round	Nov-May
Mammals	salt-marsh harvest mouse	FE, SE	Year-round	
Mammals	harbor seal	FP	Year-round	Mar-Jun

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
E	/Dispatch, 24-hr	California State Parks (Dispatch)	(916) 358-0333
O	/Office	Point Blue Conservation Science	(707) 781-2555
O	/Dispatch, 24-hr	San Mateo Co. Dept. of Emergency Management	(650) 363-4963
T	/Spill Response Coordinator	USFWS, SF Bay-Delta Office	(916) 799-0588

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

Additional Site Summary Comments:

a wide variety of bird species utilize this area year-round.

Concerns and Advice to Responders:

The concern is oil and response impacts to salt-marsh, wildlife, and rare and endangered birds, 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 marshes by protective booming. Always of concern is the impacts resulting from response and cleanup: avoid trampling marsh and sensitive species, avoid disturbing soft mudflats, and avoid trampling oil into marsh sediments.

Hazard and Restrictions:

Aircraft beware of overhead power lines. Vessels be aware of shallow water.

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

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

Strategy: a) 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.

b) Deploy 1,500 ft of 6X6 inch deflection swamp boom off both channel markers # 7 and 8.

c) Deploy 5,000 ft of 6X6 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 / sorbents to collect light oil or sheen, but implement skimming per 2-365.2 for skimmable oil.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		3000	feet	
Boom	Swamp	6x6 inch		8000	feet	
Boom	Sorbent			2000	feet	
Anchor	Danforth	22 lb		35		
Anchor	Danforth	40 lb		15		
Vessel	Boom Boat			6		
Vessel	Skiff or Punt			3		
Staff				25		

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

Strategy: 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.

Table of Response Resources

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

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

Strategy: 1) Exclude oil from Westpoint slough. Use 1500' 9x9 Hboom across mouth of Westpoint Slough
2) Exclude oil from interior marshes on Bair Island/ Steinberger Slough marshes.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		1500	feet	
Anchor	Danforth			1		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		
Staff	Staff to Tend			2		

Logistics:

Directions: 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.

Land Access: Access to land by foot only except at harbors.

On-Water Limitations: Extreme shallows near shore. Redwood City Marina and Port of Redwood City have launch ramps.

Facilities, Staging Areas, Command Posts, Available Equipment: Staging at Redwood City Marina and harbor.

Communications Problems: Good cell reception throughout.

