

2-366-A Site Summary - Corkscrew Slough**2-366-A****County:** San Mateo **ACP Division/Segment:** SM - C - S004**NOAA Chart:** 18649/18650 Entrance to SF Bay **Map Book:** AAA San Mateo C **Decimal Degrees:** 37.523831 -122.206928**Site Description:**

Corkscrew Slough lies to the south of Bair Island and extends from Redwood Creek on the east to Steinberger Slough on the west. The easterly half of the slough is included in the San Francisco Bay National Wildlife Refuge (USFWS). Corkscrew Slough is a water channel on the southwest shore of South San Francisco Bay, three miles south of the San Mateo-Hayward Bridge, on the back side of Bair Island. Primary water flow comes from Redwood Creek. Its banks are lined with cordgrass and pickleweed marsh. The easterly half of Corkscrew slough is included in the San Francisco Bay National Wildlife Refuge.

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

9B Vegetated low banks

9A Sheltered tidal flats

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Birds	California Ridgeway's rail	FE, SE	Year-round	Feb-Aug
Birds	California least tern	FE, SE	Apr-Sep	Apr-Jun
Birds	California black rail	FP, ST	Year-round	Mar-Aug
Birds	Western snowy plover	FT, SSC	Year-round	Mar-Oct
Birds	common yellowthroat	FP, SSC	Year-round	Jun-Aug
Mammals	salt-marsh harvest mouse	FE, SE	Year-round	
Mammals	salt-marsh wandering shrew	SSC	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	San Mateo Co. Dept. of Emergency Management	(650) 363-4963
O	/Office	Point Blue Conservation Science	(707) 781-2555
O	/Dispatch, 24-hr	The Marine Mammal Center	(415) 289-7350
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, especially in fall and winter. Harbor seals haul out and pup in this location as well.

Concerns and Advice to Responders:

The concern is oil and response impacts to marsh, wildlife, including seal pupping, and rare and endangered birds, animals and plants which are present year-round. Primary objective is to minimize exposure by excluding oil from entering Corkscrew Slough. 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.

Hazard and Restrictions:

Aircraft beware of overhead power lines nearby. Vessels be aware of shallow water and strong currents.

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

Strategy: 2-366.1 Objective: Exclude oil from entering Corkscrew Slough. Corkscrew Slough is an interior Slough between Steinberger Slough and Redwood Creek

Strategy: a) Protect from spills coming from the Bay by implementing Redwood Creek (2-365) and Steinberger Slough (2-363) strategies. The main flow of water into Corkscrew Slough is through Redwood Creek.

b) Protection from spills in Redwood Creek (Port of Redwood City): Deploy 1200 ft of 9x9+ Hboom in a chevron, with a J hook on the deeper south side for collection, outside Slough mouth. Current swift inside mouth.

c) Deploy 800 ft sorbent boom and/or hard boom inside the slough.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		1200	feet	
Boom	Sorbent			800	feet	
Anchor	Danforth	22 lb		5		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		
Staff	Staff to Tend			2		

Logistics:

Directions: This site is accessible from water only, just bayward and across creek from Port of Redwood City. Nearest land access is Port and marina: Exit Hwy 101 on Seaport Blvd and proceed bayward to marina and Port.

Land Access: Access to land by foot only, vessiles and vehicles at harbor nearby.

On-Water Limitations: Very shallow near shore. Port of Redwood City and Oyster Point Marina.

Facilities, Staging Areas, Command Posts, Available Equipment: Staging at Port of Redwood City. No road access to Bair Island.

Communications Problems: Cell reception strong throughout south bay.

