

2-367-A Site Summary - Greco Island/Ravenswood Slough**2-367-A****County:** San Mateo **ACP Division/Segment:** SM - B - S002 SM - B - S001 SM - B - S004**NOAA Chart:** 18649/18650 Entrance to SF Bay **Map Book:** AAA San Mateo C **Decimal Degrees:** 37.5098 -122.178396**Site Description:**

This site extends from the mouth of Redwood Creek to the Dumbarton Bridge (Hwy 84) and includes Greco Island, Ravenswood Slough and the marsh between the slough and Ravenswood Point. This site is part of San Francisco Bay National Wildlife (USFWS) Refuge. Greco Island is a salt-marsh island on the southwest shore of South San Francisco Bay, one mile northwest of the Dumbarton Bridge. It is bounded on the northwest by Redwood Creek and on the southwest by Westpoint Slough. Ravenswood Slough opens to the Bay south of Greco Island near Westpoint Slough. Fringing cordgrass/pickleweed marshes line the mouth and banks. The Greco Island site was combined with formerly designated Ravenswood Slough site due to their close proximity to each other, similar sensitivities, and combined response protection strategy.

Resources at Risk:

ESI and Habitat: 10A Salt - and brackish-water marshes
 9B Vegetated low banks
 6B Riprap

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	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	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
O	/Office	Point Blue Conservation Science	(707) 781-2555
O	/Dispatch, 24-hr	San Mateo Co. Dept. of Emergency Management	(650) 363-4963
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:

Harbor seals haul out and pup in this area. A wide variety of bird species utilize this location year-round, especially during fall and winter.

Concerns and Advice to Responders:

The concern is oil and response impacts to marsh, wildlife, including seal pups and adults, and rare and endangered birds, animals and plants which are present year-round. Primary objective is to minimize exposure by excluding oil from entering Ravenswood Slough, Westpoint Slough and small tidal sloughs. 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 sediments.

Hazard and Restrictions:

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

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

Strategy: 2-367.1 Objective: Exclude oil from entering main sloughs and outer margin bay approach booming.

Strategy: a) At entrances to Ravenswood and Westpoint Sloughs, deploy chevron exclusions using swamp boom. (about 1200' total).

b) Additionally, deploy 8,000 ft of 9X9+ Hboom with 2,000 ft of 6X6 swamp boom for shore connections, along the outer edge of the mudflat from the prominent point by side of Greco Island south to the point on the levee between Ravenswood Point and Ravenswood Slough.

c) Coordinate with SF Bay National Wildlife Refuge staff to insure closure of tidal gates, pumps, syphons, and other water structures admitting water (and oil) to wetlands behind levees.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		8000	feet	
Boom	Swamp	6x6 inch		2000	feet	
Boom	Sorbent			2000	feet	
Anchor	Danforth	22 lb		24		
Vessel	Boom Boat			6		
Vessel	Skiff or Punt			5		
Staff	Staff to Deploy			25		

Strategy: 2-367.2 Objective: Exclusion/protection of bay marsh front of Greco Island and Ravenswood Slough.

Strategy: Deploy 10,000 ft of 9X9 Harbor boom or swamp boom across the upper portion of the mudflat fronting the marsh of Greco Island and connect boom at the north end with Redwood Creek strategy.

ALTERNATIVES: It is critical that channel entrances leading into Greco Island be blocked. If tidal barrier boom should fail or time to impact does not permit its deployment. Block channel mouths with curtain boom, swamp boom, sorbent boom, or combination thereof.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			10000	feet	
Anchor	Stakes			50		
Vessel	Boom Boat			6		
Vessel	Skiff or Punt			2		
Staff	Staff to Deploy			24		

Logistics:

Directions: There is no vehicle access to this site. Nearest vehicle access is Port of Redwood City: Exit Hwy 101 at Seaport Blvd. and continue bayward to Port or marina. Water access is from Port or Marina immediately to the south from Redwood Creek.

Land Access: No road access, access by foot only.

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On-Water Limitations: Very shallow mudflats. Redwood City Marina and Port.

Facilities, Staging Areas, Command Posts, Available Equipment: Staging at Redwood City Marina & Harbor.

Communications Problems: Good Cell reception.

