

**2-364-A Site Summary - Bair Island****2-364-A****County:** San Mateo **ACP Division/Segment:** SM - C - S002 SM - C - S006**NOAA Chart:** 18649/18650 Entrance **Map Book:** AAA San Mateo C **Decimal Degrees:** 37.539532 -122.212531 to SF Bay**Site Description:**

The site includes all of Bair Island between the mouths of Redwood Creek and Steinberger Slough. Bair Island is located on the southwest shore of South San Francisco Bay, three miles south of the San Mateo-Hayward Bridge (Hwy 92). It is part of San Francisco Bay National Wildlife Refuge (USFWS) and California Department of Fish and Wildlife (CDFW) Bair Island Ecological Reserve. This site includes Bair Island State Marine Park. Bair Island has an extensive salt-marsh complex inside its levees. Water flows through breaches in several places around the island. This site is bounded on the southeast by Redwood Creek, on the northwest by Steinberger Slough and on the south by Corkscrew Slough.

**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	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
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
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 and in highest numbers in fall and winter. This is also the largest harbor seal rookery in San Francisco Bay

**Concerns and Advice to Responders:**

The concern is oil and response impacts to marsh, wildlife, and rare and endangered species including plants which are present year-round. Primary objective is to minimize exposure by excluding oil from entering openings to Bair Island and adjacent sensitive sites. 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 species; avoid disturbing soft mudflats, and avoid trampling oil into marsh sediments.

**Hazard and Restrictions:**

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

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

**Strategy: 2-364.1 Objective:** Exclude oil from entering Bair Island interior marshes.

*Strategy:* Deploy 2700' 9X9+ Hboom in a chevron across the large levee breach existing approximately halfway between Steinberger Slough and Redwood Creek.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		3300	feet	
Boom	Sorbent			200	feet	
Anchor	Danforth	22 lb		12		
Vessel	Boom Boat			2		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			7		
Staff	Staff to Tend			2		

**Strategy: 2-364.2 Objective:** Protective booming of exposed marsh frontage.

*Strategy:* Deploy 4,000 ft of Hboom around unleveed marsh on eastern Bair Island, northwest of Redwood Creek, beginning near levee breach midway along the bay side shore. Extend boom east and south into Redwood Creek channel. Connect with Hboom from Redwood Creek strategy (2-365-A).

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		4000	feet	<i>Strategy Updated: 9/18/2017</i>
Anchor	Danforth	22 lb		17		<i>Last Test: 9/18/2017</i>
Vessel	Boom Boat			2		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			10		
Staff	Staff to Tend			2		

**Logistics:**

*Directions:* Bair Island has no vehicular access. By water it is at the mouth and to the north of Redwood Creek, just bayward of the Port of Redwood City.

*Land Access:* Foot only: no road access to Bair Island. Contact USFWS personnel for access.

*On-Water Limitations:* Very shallow on bay frontage and at margins. Port of Redwood City has nearest launch.

*Facilities, Staging Areas, Command Posts, Available Equipment:* Staging at Port of Redwood City.

*Communications Problems:* Cell reception strong throughout south bay.

