

2-340-A Site Summary - Dumbarton Point Marsh/Mudflat**2-340-A****County:** Alameda **ACP Division/Segment:** AL - I - S001**NOAA Chart:** 18654 San Francisco Bay **Map Book:** AAA Fremont - N **Decimal Degrees:** 37.499321 -122.103994
Southern Part**Site Description:**

This large contiguous section of marsh located along the east side of south San Francisco Bay and bounded on the northwest by the Southern Pacific Railroad line & levee, the east by Newark Slough, and the south and west by San Francisco Bay. This is a marsh with many primary slough channels entering the marsh from its southern shore. These channels present an opportunity for oil to enter the interior of the marsh. There is a mudflat between the main channel of the bay and the marsh. This site is part of the Don Edwards San Francisco Bay National Wildlife Refuge (USFWS).

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

9A Sheltered tidal flats

9 Hypersaline tidal flats

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Birds	common yellowthroat	FP, SSC		Jun-Aug
Birds	California Ridgeway's rail	FE, SE		Feb-Aug
Birds	California black rail	FP, ST		Mar-Aug
Fish	longfin smelt	ST		Nov-May
Mammals	salt-marsh wandering shrew	SSC		
Mammals	salt-marsh harvest mouse	FE, SE		
Mammals	harbor seal	FP		Mar-May

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	Alameda County Sheriffs Department	(510) 667-7721
E	/Supervisor	Cargill Salt	(641) 670-0654
E	/Strategic Action Coordinating Official	US Army Corps of Engineers	(415) 503-6573
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 birds utilize this location. This is one of the most important nesting areas for California Ridgeway's rail. Harbor seals haulout here as well.

Concerns and Advice to Responders:

The concern is to prevent oil from being carried into the marsh via large and small tidal channels and minimize oiling of marsh fronts. Should oil enter the marsh there will be injury and death of marsh vegetation, small mammals, shorebirds and waterfowl, including endangered and threatened species. There is also the concern that response and cleanup activity will result in trampling of marsh, trampling of oil into sediments, and disturbing wildlife.

Hazard and Restrictions:

Railroad Bridge, Dumbarton Bridge, overhead powerlines, submerged hazards, shallow water, soft mud can all be hazards to response activity.

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

Strategy: 2-340.1 Objective: Exclude oil from entering marsh front, mudflat, and small channels to the marsh interior.

Strategy: Protect nine small slough channels with approximately 2000 ft of fence boom or 6X6 Sboom and sorbent boom. Block culvert near pump house with sediment, plywood or steel plate.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		2000	feet	
Boom	Sorbent			2000	feet	
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			2		
Staff	Staff to Deploy			6		
Staff	Staff to Tend			2		

Strategy: 2-340.2 Objective: Deflection Booming

Strategy: Deploy approximately 3000 ft of 9X9+ Hboom off mudflats in 1000ft sections.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		3000	feet	
Anchor	Danforth	22 lbs		12		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			6		
Staff	Staff to Tend			2		

Strategy: 2-340.3 Objective: Protection booming of shoreline

Strategy: Line marsh front with sorbent boom. Use 9X9+ Hboom at shelf break.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Sorbent			8000	feet	
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			2		
Staff	Staff to Deploy			4		
Staff	Staff to Tend			2		

Logistics:

Directions: Hwy 880 to Hwy 84 West. Thornton Ave. exit south to Marshlands Rd. Take Marshlands Rd. out to bay front near foot of Dumbarton Bridge. Access levee road via contact with San Francisco National Wildlife Refuge HQ. Nearest large boat ramp is at Alviso Public Launch, small boat launch near Refuge HQ on Newark Slough.

Land Access: All access levels.

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On-Water Limitations: Wide mudflats, shallow water. Nearest large boat ramp is at Redwood City, small boat launch near San Francisco National Wildlife Refuge HQ on Newark Slough or Alviso Launch Ramp.

Facilities, Staging Areas, Command Posts, Available Equipment: Large staging area available at Redwood City Harbor. Small staging area and field post possible at National Wildlife Refuge HQ. Command Post available at Alameda County OES.

Communications Problems: Good cell reception.



Imagery: NAIP 2010 (Summer) 4-Band