

2-340 -A Site Summary- Dumbarton Point Marsh/Mudflat**2-340 -A**

County: **Alameda**
USGS Quad: **Mountain View**

Thomas Guide Location

AAA Fremont - N

Latitude N

37 30.0

Longitude W

122 06.0

NOAA Chart: **18654 San Francisco Bay Southern Part**

Last Page Update : 7/1/1996

SITE DESCRIPTION:

A 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 levee, the east by Newark Slough, and the south and west by San Francisco Bay. This site is part of the San Francisco Bay National Wildlife Refuge. 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 wild mudflat between the main channel of the bay and the marsh.

SEASONAL and SPECIAL RESOURCE CONCERN

"A" priority year-round due to salt marsh, mudflat, and special status species habitat.

RESOURCES OF PRIMARY CONCERN

This marsh is one of the most important California clapper rail nesting areas in the south bay and a harbor seal haul out area.

The endangered California clapper rail along with the California brown pelican, peregrine falcon are found at the site. California Species of Special Concern: the saltmarsh common yellowthroat is present. Shorebirds, waterfowl, wading birds, water birds, raptors are found at the site.

A California Species of Special Concern, salt marsh wandering shrew is present at the site.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Ohlone cultural sites are nearby. Contact the California Dept of Parks and Recreation - Office of Historic Preservation (Eric Allison -(916) 653-9125), and the Northwest Information Center, (Bryan Much, Sonoma State College ((707) 332-1117)) for specific information on historic or cultural resources in this area.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T	Joy Albertson	US Fish & Wildlife Service, SF Bay (NWR)	(510) 792-0222
E	Pat Metelli	Cargill Salt	(510) 790-8610
E/T	Eric Mruz Mgr - Don Edwards NWR	US Fish & Wildlife Service, SF Bay (NWR)	(510) 792-0222

ADDITIONAL SITE SUMMARY COMMENTS:

2-340 -A Site Strategy - Dumbarton Point Marsh/Mudflat

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CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

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. Please exercise appropriate caution.

HAZARDS and RESTRICTIONS:

Railroad Bridge, Dumbarton Bridge, powerline and towers, shallow water, soft mud can all be hazards to response activity.

SITE STRATEGIES

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

"Plug" nine small slough channels with approximately 2000 ft of fence boom or 4x4 swamp boom and sorbent booms. Block culvert near pump house with earth or steel plate.

Strategy 2-340.2 Objective: Deflection Booming

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

Strategy 2-340.3 Objective: Protection booming of shoreline

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

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
2-340.1	0	2000				2	3			10	
2-340.2	3000				20 20-25#w/10'chain each	3	1			11	
2-340.3	0			8000		5	3		shovels, 2,000' 3/8" line	18	

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

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 Redwood City, small boat launch near Refuge HQ on Newark Slough. A 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 levee, the east by Newark Slough, and the south and west by San Francisco Bay. This site is part of the San Francisco Bay National Wildlife Refuge.

LAND ACCESS: All access levels ok

WATER LOGISTICS: Wide mudflats, shallow water

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Nearest large boat ramp is at Redwood City, small boat launch near San Francisco National Wildlife Refuge HQ on Newark Slough.

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

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:

ADDITIONAL OPERATIONAL COMMENTS:

