

County: **Solano**
USGS Quad: **Mare Island**

Thomas Guide Location
AAA - Napa & So
NOAA Chart: **San Pablo Bay 18654**

Latitude N
3 8 005
Longitude W
122 017

Last Page Update : 1/1/1994

SITE DESCRIPTION:

Most of this site lies within or adjacent to the San Pablo Bay National Wildlife Refuge under management of the US Fish & Wildlife Service. The eastern marsh fringe lies adjacent to Mare Island Naval Complex. The northeast shore of San Pablo Bay is bounded by a 200 to 1200 meter wide marsh of approximately 1600 acres between the levees and the mudflat. The intertidal mudflat is approximately 1000 meters wide. Before construction of levees, the marsh extended another 10 km to the north and east. A formerly more extensive marsh was diked and filled long ago.

SEASONAL and SPECIAL RESOURCE CONCERN

The marshes and adjacent mudflats are an A priority all year.

RESOURCES OF PRIMARY CONCERN

The marshes and adjacent mudflats are an A priority all year. The marshes are inhabited by the endangered California clapper rail and salt marsh harvest mouse. The California black rail, a threatened species, and the Suisun shrew, a species of special concern, also occur in the area. Two rare plant species live here: soft bird's beak, and Suisan aster. Resting and feeding shorebirds are often abundant on the mudflats and in the marshes. Thousands of waterfowl congregate on the water to the south of this site during the fall and winter months.

California black rail, several species of waterfowl and dabblers reside within the marsh.

Salt marsh harvest mouse and Suisun shrew are both found in the marsh habitat. Many species of mammals reside within the convoluted marshes.

Soft bird's beak, and Suisan aster is known to occur here.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

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
TEL	Don Brubaker Refuge Mngr	US Fish & Wildlife Service, San Pablo Bay (NWR)	(707) 769-4200
B	Jan Knight	US Fish and Wildlife Service	(916) 414-6702

ADDITIONAL SITE SUMMARY COMMENTS:

2-582 -A Site Strategy - N.E. San Pablo Bay

County and Thomas Guide Location

AAA - Napa & So Solano

NOAA CHART

San Pablo Bay 18654

2-582 -A

Latitude N

Longitude W

3 8 005 122 017

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

The large expansive marsh and wetland in the northeast corner of San Pablo Bay would be very difficult to protect because of it's limited access. Impacts may occur because of the exchange of water and overlapping waves over and under the jetty.

HAZARDS and RESTRICTIONS:

Shallow water, submerged obstructions likely, eelgrass may foul propellers. Wind chop to three feet possible.

SITE STRATEGIES

Strategy 2-582.1 Objective: Deflection booming to prevent oil from coming in contact with the marsh vegetation.

Deploy deflection booms (3-100 ft sections) in chevron configuration just offshore to keep oil from entering through the channel mouth. Near the seawall off Mare Island at the end of the SW land mass, deploy seven, 1,000 ft deflection Hbooms Position 2 skimmers at leading tail of boom. Block marsh channel and holes in breakwater using combinations of sorbents, use hay bales and plastic sheeting if necessary.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no	tvpe and gear	Boom boat	Skiffs punts	Skimmers No	Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
2-582.1	7300	0	0	200	25	22 to 25, 25 lb. Danforths	2	2	2 self prop		5 rolls plastic, baled hay	11	

LOGISTICS

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

Take I-80 to Hwy 37 East White Slough lie either side of Hwy 37 between Sonoma Blvd and the Napa River Bridge. To get to Vallejo Launch Ramp take Wilson Ave South from Hwy 37. From the Launch Ramp Follow the E. Bank of Mare Island SE N. Hwy 37. Most of this site lies within or adjacent to the San Pablo Bay National Wildlife Refuge under management of the US Fish & Wildlife Service. The eastern marsh fringe lies adjacent to Mare Island Naval Complex.

LAND ACCESS: foot only

WATER LOGISTICS:

Limitations: depth, obstruction

Launching, Loading, Docking
and Services Available:

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

COMMUNICATIONS PROBLEMS: none known

ADDITIONAL OPERATIONAL COMMENTS:

