

County: **Contra Costa**
 USGS Quad: **Richmond, San Quentin**

Thomas Guide Location

AAA Richmond

NOAA Chart: **18649 Entrance SF 18654 San Pablo Bay**

Latitude N

37 58.5

Longitude W

122 23.0

Last Page Update : 1/1/2000

SITE DESCRIPTION:

The site is bounded on the south by the West Contra Costa Sanitary Landfill and on the north by a skeet range. Site is bounded by the north by Bruener Marshes which is under jurisdiction of EBRPD. Salt marshes front most of the two miles of shoreline from 0.3 mi. south of the San Pablo Creek mouth to 0.5 mi. south of Pinole point. The marsh is up to 0.4 mi. wide and vulnerable to oiling along the entire length of the shoreline as there are no levees. There are also extensive intertidal mudflats to the north and west of the marsh.

SEASONAL and SPECIAL RESOURCE CONCERN

Birds are especially abundant during the fall and winter.

RESOURCES OF PRIMARY CONCERN

This area has very prime and sensitive habitats. Tidal marshes are habitat for the marsh life including some endangered species; there are both cordgrass emergent marshes and higher pickleweed marshes on the southerly portions of the site. The shallow mud flats have a rich fauna and are important feeding areas to migratory waterfowl, resident wading birds, waterbirds and fish life. The relatively protected waters here make the bay a favored resting area for migratory birds and gulls.

There is heavy bird use of this area. The marshes are habitat for the endangered California clapper rail and other marsh birds. During the winter and spring, migratory birds rest and feed on the cove and tidal flats.

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
E/T	Pt. Pinole Park Sup.	East Bay Regional Park District	(510) 237-6896
E	Chevron Long Wharf	Chevron Corp., Operations Control Room (24hrs.)	(510) 242-4494
E	EBRPD Dispatch EBRP	East Bay Regional Park District	(510) 881-1833

ADDITIONAL SITE SUMMARY COMMENTS:

2-502 -A Site Strategy - San Pablo Creek Marshes

County and Thomas Guide Location

AAA Richmond Contra Costa

NOAA CHART

18649 Entrance SF 18654 San Pablo Bay

2-502 -A

Latitude N

Longitude W

37 58.5 122 23.0

CONCERNS and ADVICE to RESPONDERS:

Last Page Update : 1/15/2007

Multiple tidal channels present a high risk of oil penetrating deeply into the marsh.

HAZARDS and RESTRICTIONS:

Very shallow water. Submerged obstructions likely.

SITE STRATEGIES

Strategy 2-502.1 Objective: Exclusion booming of mouths of inlets to prevent oil from entering creek and marshes.

Deploy at least one layer of 9X9+ Hboom in the mouth of each inlet to the marsh. Place the boom at a 45 degree angle to the centerline of the inlet. Deploy Hboom in an inverted "V" off the larger inlets, those wider than 10 feet. Use a length of boom at least three times the width of the inlet. Anchor the ends of the boom at the edge of the marsh vegetation at least one inlet width either side of the inlet mouth. Anchor the center of the boom off the inlet mouth.

Strategy 2-502.2 Objective: Backup exclusion booming of mouths of inlets to prevent oil from entering creek and marshes.

Back the Hboom in the .1 strategy with swamp boom or sorbent boom in a similar configuration as the harbor boom.

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
2-502.1	2000				15 12+#Danforth	2	2			10	
2-502.2	0	2000	0	0	15 12+#Danforth anchors	2	2	0	0	10	2

LOGISTICS

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

Access by shallow draft vessel only. Launch ramp at Chevron Refinery. Hoist available at Pt San Pablo Yacht harbor. The site is bounded on the south by the West Contra Costa Sanitary Landfill and on the north by a skeet range. Site is bounded by the north by Bruener Marshes which is under jursidiction of EBRPD.

LAND ACCESS: None

WATER LOGISTICS: Shallow water with numerous obstructions.

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Boat services available at Pt. San Pablo Yacht harbor, Richmond Marina, and Chevron Rod and Gun Club.

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

The Chevron Refinery offers the nearest quality facilities. The Pt. San Pablo Yacht Harbor may be suitable for staging or a field post.

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:

