

County: **Contra Costa**  
 USGS Quad: **Mare Island**

Thomas Guide Location

AAA Richmond

NOAA Chart: **San Pablo Bay 18654**

Latitude N

3 7 59

Longitude W

122 21.6

Last Page Update : 7/1/2015

#### SITE DESCRIPTION:

The site is bounded on the north by Point Pinole and continues south approximately 2 miles to the Richmond Rod and Gun Club skeet range. Point Pinole is under management of East Bay Regional Park District (EBRPD). Approximately 50 acres of salt marshes run intermittently from one mile south of Pinole Point to a filled area approximately 2 miles south of Pinole Pt. Predominately contained within the Point Pinole Shoreline under EBRPD. The south 0.5 mile of shoreline access is controlled by private owners (Richmond Rod and Gun Club, Bruener Property now under 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. This prograding marsh is up to 0.4 mi. wide and vulnerable to oiling along the entire length of the shoreline since there are no levees.

#### SEASONAL and SPECIAL RESOURCE CONCERN

This is an A priority all year.

#### 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.

Species which may occur in the marshes include: the endangered salt marsh harvest mouse, endangered California clapper rail, and California black rail. There is heavy bird use of this area. During the winter and spring, migratory birds rest and feed on the cove and tidal flats.

A variety of surfperch, flatfish, sturgeon, striped bass and salmon are present in the waters over the mudflats.

A variety of shrimp, worms and other invertebrates are present on the mudflats.

#### 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	EBRPD Dispatch EBRP	East Bay Regional Park District	(510) 881-1833

#### ADDITIONAL SITE SUMMARY COMMENTS:

## 2-503 -A Site Strategy - Pinole Pt. Marshes-South

County and Thomas Guide Location

AAA Richmond Contra Costa

NOAA CHART

San Pablo Bay 18654

## 2-503 -A

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### CONCERNS and ADVICE to RESPONDERS:

Should oil enter the marsh injury and death of vegetation and wildlife can be expected.

### HAZARDS and RESTRICTIONS:

CAUTION: Just offshore there's a line of concrete piling running N to S completely submerged below 5.0' tides, piling are 12' apart. Shallow water, eelgrass may foul propellers. Wind chop to three feet possible.

### SITE STRATEGIES

Extreme shallows here require vessel approach from north (Pt Pinole) and follow channel near shore.

#### Strategy 2-503.1 Objective: Exclusion booming to prevent oil from entering the marsh.

Exclude oil from the inlets leading into Parchester Marsh. Place harbor or swamp boom backed by sorbent boom in each of the four inlets draining the marsh. Two of the inlets can be protected using one 500' chevron (see diagram) From the South inlet -boom lengths of each inlet are: 200', 500' (deploy boom from jetty to jetty to close off cove and protect secondary inlet) 500' and 200'. The type of sorbent should be adjusted to the type of oil spilled.

#### Strategy 2-503.2 Objective: Exclusion/Protection booming of entire emergent marshfront

If high tides are anticipated, protection of the marsh front is needed. Deploy 5,400 feet of 9X9+ Hboom ( 2 layers of swamp boom held by 3 to 6 feet apart may be substituted) immediately east of the rows of piles offshore of Parchester Marsh. Backed with 6,000 feet of sorbent boom or oil snare.

### 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
2-503.1		1400		1400	12 12+ lb Danforth anchors	1	1			5	
2-503.2	5400	0	0	6000	16 22+ lb Danforth anchors	2	1	0	0	8	

### LOGISTICS

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

Approximately 50 acres of salt marshes run intermittently from one mile south of Pinole Pt. On the north to a filled area approximately 2 miles south of Pinole Pt. From I-80 in Richmond, exit at the Richmond Parkway. From the Richmond Parkway, turn right onto Giant Highway and proceed to the park entrance. Limited access can also be obtained through Goodrick Ave, off Richmond Parkway. The site is bounded on the north by Point Pinole and continues south approximately 2 miles to the Richmond Rod and Gun Club skeet range. Point Pinole is under management of East Bay Regional Park District (EBRPD).

#### LAND ACCESS:

#### WATER LOGISTICS:

Limitations: depth, obstruction

Launching, Loading, Docking

and Services Available:

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

#### COMMUNICATIONS PROBLEMS:

#### ADDITIONAL OPERATIONAL COMMENTS:

