

2-503-A Site Summary - Pinole Point Marshes-South**2-503-A****County:** Contra Costa **ACP Division/Segment:** CC - O - S001 CC - O - S003**NOAA Chart:** San Pablo Bay 18654 **Map Book:** AAA Richmond **Decimal Degrees:** 37.990181 -122.359397**Site Description:**

The site is bounded on the north by Point Pinole Pier and continues south approximately 2 miles to the Richmond Rod and Gun Club. Point Pinole (North & South Marshes) is under management of East Bay Regional Park District (EBRPD). Approximately 50 acres of salt-marshes run intermittently from one mile south of Pinole Pt. to a filled area approximately 2 miles south of Pinole Pt. Predominately contained within the Point Pinole Regional Shoreline. The south 0.5 mile of shoreline access is controlled by private owners (Richmond Rod and Gun Club). 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 salt-marsh is up to 0.4 mi. wide and vulnerable to oiling along the entire shoreline since there are no levees or rip-rapped shorelines.

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

9B Vegetated low banks

5 Mixed sand and gravel beaches

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Birds	California Ridgeway's rail	FE, SE	Year-round	Feb-Aug
Birds	California black rail	FP, ST	Year-round	Mar-Aug
Birds	song sparrow	FP, SSC	Year-round	Mar-Jul
Fish	longfin smelt	ST	Year-round	Nov-May
Mammals	salt-marsh harvest mouse	FE, SE	Year-round	
Mammals	salt-marsh wandering shrew	SSC	Year-round	
Mammals	San Pablo vole	SSC	Year-round	

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	East Bay Regional Park District	(510) 881-1833
E	/Point Pinole Park Supervisor	East Bay Regional Park District	(510) 544-3062
S	/Dispatch, 24-hr	Contra Costa County Office of the Sheriff	(925) 468-4421

C – Cultural, Historic, Archaeological; E – Entry/Owner/Access; O – Other; S – Safety; T – Trustee; X – Exclusion or Security

Additional Site Summary Comments:

There are truncated concrete pier pilings running parrallel to shoreline that are underwater at less than 2.5+ tides. Proceed on-water with great caution. Avoid eelgrass beds with props. Wind chop to three feet possible.

Concerns and Advice to Responders:

Should oil enter the salt-marsh severe impacts to sensitive vegetation and wildlife can be expected.

Hazard and Restrictions:

Shallow water, submerged concrete piling parallel to shoreline may be underwater (tide dependent), eelgrass may foul propellers. Avoid eelgrass beds with props. Wind chop to three feet possible.

Site Strategies:**Site Validation Level: III**

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

Strategy: Exclude oil from the tidal inlets leading into Parchester Marsh. Place harbor or swamp boom backed by sorbent boom in each of the four inlets draining the marsh. From the South inlet -boom lengths of each inlet are: 200', 300' (deploy boom from jetty to jetty to close off inlet and protect secondary inlet), 200' and 200'. The type of sorbent should be adjusted to the type of oil spilled. Use plastic pompoms for heavy oils and rubberizer boom for light oils.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		1400	feet	<i>Strategy Updated:</i> 11/17/2015 <i>Last Test:</i> 11/17/2015
Boom	Sorbent			1400	feet	
Anchor	Danforth	22 lb		12		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			4		

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

Strategy: 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 (pom-poms).

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		5400	feet	
Boom	Sorbent			6000	feet	
Anchor	Danforth	22 lb		16		
Vessel	Boom Boat			2		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			8		

Logistics:

Directions: 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. Point Pinole is under management of East Bay Regional Park District (EBRPD).

Land Access: Access thru EBRPD locked Gate. Coordinate/communicate with EBRPD Staff for access.

On-Water Limitations: Multiple submerged hazards just offshore. Concrete pilings run parallel to shoreline and may be underwater based on tidal height.

Facilities, Staging Areas, Command Posts, Available Equipment: Good staging area and field post available, contact EBRPD for further information/coordination.

Communications Problems: Good cell reception.

