

**2-505-A Site Summary - Pinole Creek and Wetlands****2-505-A****County:** Contra Costa **ACP Division/Segment:** CC - N - S007 CC - N - S008**NOAA Chart:** 18654 SAN PABLO BAY **Map Book:** AAA Richmond **Decimal Degrees:** 38.014171 -122.296883**Site Description:**

The site includes one-half mile in both directions along shoreline from Pinole Creek. The shoreline and salt-marshes are under management of East Bay Regional Park District (EBRPD). Pinole Creek is a narrow channel (~40 ft) wide with cordgrass salt-marsh along its banks inland upstream to the Railroad bridge. A sand/gravel bar extends from the east side creek mouth out into bay. Shorelines on either side of creek are exposed tidal flats backed by salt-marsh habitat in a residential area. An eelgrass bed lies directly north of creek mouth. There is a municipal wastewater treatment plant on the south side of Pinole Creek. The UPRR line lies parallel to shoreline and directly southeast of the site.

**Resources at Risk:***ESI and Habitat:* 9B Vegetated low banks

5 Mixed sand and gravel beaches

6B Riprap

**List of Resources at Risk:**

	Resource Name	Status	Presence	Sensitivity
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

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	/Shoreline Parks Manager	East Bay Regional Park District	(510) 881-1832
S	/Dispatch, 24-hr	Contra Costa County Office of the Sheriff	(925) 468-4421
T	/Spill Response Coordinator	USFWS, SF Bay-Delta Office	(916) 799-0588

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

**Additional Site Summary Comments:**

Very shallow water, limited approach from water, only during high tides, submerged obstructions likely, avoid eelgrass beds with propellers. Wind chop to three feet possible.

**Concerns and Advice to Responders:**

Impacts to salt-marsh, mudflat, and eelgrass beds, and their associated wildlife.

**Hazard and Restrictions:**

Union Pacific Railroad (UPRR) tracks across creek. Very shallow water, limited approach from water, only during high tides, submerged obstructions likely, avoid eelgrass beds with propellers. Wind chop to three feet possible.

**Site Strategies:****Site Validation Level: II**

**Strategy: 2-505.1 Objective:** Exclude oil from entering the creek.

*Strategy:* Exclusion boom: Deploy 200 ft curtain boom (small skirt) across creek channel mouth. Deploy at angle to current from rip rap point west back to beginning of marsh bank on east side. Deploy from levee.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch	200	feet		
Anchor	Danforth	22 lb	2			
Vessel	Skiff or Punt		1			
Staff	Staff to Deploy		2			

**Strategy: 2-505.2 Objective:** Protective booming to prevent oil from coming in contact with the bayfront marsh vegetation.

*Strategy:* Line marsh fronts with small curtain boom backed with sorbent boom (500 ft west, 3000 ft east of creek mouth).

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch	3500	feet		
Boom	Sorbent		3500	feet		
Anchor	Danforth	22 lb	8			
Vessel	Backhoe		2			
Vessel	Skiff or Punt		2			
Staff	Staff to Deploy		8			

**Logistics:**

*Directions:* Key access is from I-80 to City of Pinole. Exit Pinole Valley Road. Proceed north across San Pablo Ave. where Pinole Valley Rd. turns into Tennent. Proceed north to Waste Water treatment plant at shoreline. Parking and gate to levee road is here.

*Land Access:* Access is good for all vehicles including heavy equipment.

*On-Water Limitations:* Very shallow water offshore. Small vessels can be launched at Pinole Creek.

*Facilities, Staging Areas, Command Posts, Available Equipment:* Stage from area around Pinole Municipal waste-water treatment plant.

*Communications Problems:* Good cell reception in area.

