

County: Contra Costa **ACP Division/Segment:** CC - K - S001 CC - K - S008**NOAA Chart:** 18656 Suisun Bay**Map Book:****Decimal Degrees:** 38.056151 -122.018132**Site Description:**

This site includes Seal Islands and the shoreline from Hastings Slough east to the General Chemical Plant at Middle Point bounded on the south by the Southern Pacific Railroad and Waterfront Rd. All of these salt-marshes are located on highly restricted DOD Military property (MOTCO). The site may be divided in three parts: 1) Belloma wetlands is the easterly portion from Middle Point to Seal islands; it has about 700 acre area and three small tidal soughs (all fronted by piers and difficult to access from water). 2) The salt-marshes on the west end of the site are fed by a tidal inlet immediately west of the wharf facilities; this channel goes all the way back to waterfront road and may have cross-current flow with Hastings Slough via mosquito abatement channels. 3) Seal Islands are at the northwest end of the marsh front opposite the tug docks. Seal islands are high salt-marsh habitat. The inland salt-marshes are brackish-water marsh, characterized with pickleweed, tule and spartina vegetation.

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

9B Vegetated low banks

8B Sheltered solid man-made structures

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	California least tern	FE, SE	Year-round	Apr-Jun
Fish	longfin smelt	ST	Year-round	Nov-May
Mammals	salt-marsh harvest mouse	FE, SE	Year-round	
Plants	soft bird's beak	FE, SR	Year-round	Jul-Nov
Plants	Mason's lilaeopsis	SR	Year-round	Apr-Nov
Reptiles	qiant qarter snake	FT, ST	Year-round	Jul-Oct

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	/24 hour number	US Army, Concord Military Ocean Terminal	(925) 246-4182
E	/24 hour number	US Army, Concord Military Ocean Terminal	(925) 246-4075
E	/24 hour number	US Army, Concord Military Ocean Terminal	(925) 246-4041
E	/24 hour number	US Army, Concord Military Ocean Terminal	(925) 246-3911
E	/Office	US Navy, Concord Naval Weapons Station	(925) 246-4041
S	/Dispatch, 24-hr	Contra Costa County Office of the Sheriff	(925) 646-2441
T	/Environmental Program Manager	CA Dept. of Fish & Wildlife, Bay Delta Region	(707) 576-2837
T	/Oil Spill Point of Contact	NOAA National Marine Fisheries Service	(707) 480-3496
T	/Restoration Ecologist	US Department of Agriculture	(530) 304-2304
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:

Several sensitive plant species reside in the area. High potential for Unexploded Ordnances (UXO) in area. Unauthorized personnel or trespassers are subject to arrest. Beware of shallow submerged hazards and pier traffic.

Concerns and Advice to Responders:

This extensive salt-marsh is very sensitive and has endangered species. If oil gets into the marsh the problems will be complicated due to the military security issues here. The plan is to exclude oil from the marsh by booming or diking the inlets. Response concerns are : 1) get permission from USN before attempting any access; 2) avoid trampling vegetation: endangered plants are present; avoid trampling oil into the sediments.

Hazard and Restrictions:

High potential for Unexploded Ordnances (UXO) in area. Unauthorized personnel or trespassers are subject to arrest. Beware of shallow submerged hazards and pier traffic. Contact MOTCO for access info.

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

Strategy: 2-607.1 Objective: Exclusion booming of four Sloughs.

Strategy: Military response resources may be available at the Weapons Station to boom off the slough.

- a) at slough west of facilities, deploy 500 ft. of 6X6+ exclusion boom across the mouth in a chevron formation attached to shore well outside the mouth and back with sorbent boom.
- b) at first slough east of facilities, deploy 100 ft. of 6X6+ exclusion boom across the mouth in a chevron formation attached to shore well outside the mouth and back with sorbent boom.
- c) at 2nd slough east of facilities, deploy 50 ft. of 6X6+ exclusion boom across the mouth in a chevron formation attached to shore well outside the mouth and back with sorbent boom.
- d) at east-most slough, deploy 400 ft. of 6X6+ exclusion boom across the mouth in a chevron formation attached to shore well outside the mouth and back with sorbent boom.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		1050	feet	
Boom	Sorbent			1050	feet	
Anchor	Danforth	22 lb		5		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		

Strategy: 2-607.2 Objective: Diversion booming on Flood tide: Execute 2-605.2 divert out of channel and away from sites 2-605 & 2-607

Strategy: Strategy can only be implemented after military has given UXO clearance to area. Military response resources may be available at the Weapons Station to boom off the slough. A) at slough west of facilities, deploy 500 ft. of 6X6+ exclusion boom across the mouth in a chevron formation attached to shore well outside the mouth and back with sorbent boom; B) at first slough east of facilities, deploy 100 ft. of 6X6+ exclusion boom across the mouth in a chevron formation attached to shore well outside the mouth and back with sorbent boom; C) at 2nd slough east of facilities, deploy 50 ft. of 6X6+ exclusion boom across the mouth in a chevron formation attached to shore well outside the mouth and back with sorbent boom; D) at east-most slough, deploy 400 ft. of 6X6+ exclusion boom across the mouth in a chevron formation attached to shore well outside the mouth and back with sorbent boom.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6		1050	feet	
Boom	Sorbent			950	feet	
Anchor	Danforth	22 lb		14		
Anchor	Stakes			12		
Personnel	Staff to Deploy			3		

Strategy: 2-607.3 Objective: Exclusion of Sloughs by sediment dike.

Strategy: Construct a temporary sediment dike across all four sloughs. Naval response resources at the Concord Weapons Station may be available to dike off the slough. (Requires BCDC and US Corp Engineer contacts)

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Skiploader				1		
Vehicle	dump truck			1		
Staff				4		

Logistics:

Directions: IMPORTANT: Permission to enter the area, by land or water, must be obtained from the U.S. Naval Weapons Station, Concord. Exit Hwy 4 at Port Chicago Hwy to Main St and proceed to main gate for entry permission and directions. By water proceed along the shoreline from Martinez (east) or from McAvoy's (west) until you reach the MOTCO (Marine Ocean Terminal Concord) Navy piers.

Land Access: Belloma slough has road access; the remaining area is accessible by foot only.

On-Water Limitations: Very shallow. Launch at USN CNWS tug dock, Martinez, McAvoy

Facilities, Staging Areas, Command Posts, Available Equipment: Naval response resources at the Concord Naval Weapons Station may be available to dike or boom off the slough. Stage equipment at Martinez Marina, McAvoy's Marina or MOTCO Weapons Station.

Communications Problems: Cell reception may vary.

