

County: Solano **ACP Division/Segment:** SO - F - S009**NOAA Chart:** SUISUN BAY
18656/18657/18658**Map Book:****Decimal Degrees:** 38.063134 -121.982586**Site Description:**

This site is an island in the middle of Suisun Bay between Roe Island and Chipps Island. It is US Navy Weapons Station Property. This low island is surrounded by salt-marsh margins. It is the east tip of a long mud shoal named Middle Ground. The west and north side have extremely shallow waters. The south side along the main channel has numerous old pier pilings. The eastern tip is wave-washed beach.

Resources at Risk:

ESI and Habitat: 10A Salt - and brackish-water marshes
9B Vegetated low banks

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Birds	Suisun song sparrow	FP, SSC	Year-round	Mar-Jul
Fish	longfin smelt	ST	Year-round	Nov-May
Fish	delta smelt	FT, SE	Year-round	Mar-May
Plants	Mason's lilaeopsis	SR	Year-round	Apr-Nov
Plants	Suisun marsh aster	SSSP	Year-round	May-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
O	/Dispatch, 24-hr	California Department of Water Resources	(916) 574-2714
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

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

Additional Site Summary Comments:

Middle Ground Island has numerous submerged obstructions from old pier pilings, use caution on approach.
DO NOT ACCESS w/o MOTCO APPROVAL.

Concerns and Advice to Responders:

The strategy is intended to protect this marshy island by deflecting oil away. Responders should avoid trampling vegetation because rare plant species are present. Avoid trampling oil into sediments.

Hazard and Restrictions:

The south side has old pier pilings and submerged pilings. The north and west side are extremely shallow: the island is the emergent tip of a shallow mud bar. Coordinate with MOTCO for booming strategies and/or shoreline access.

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

Strategy: 2-633.1 Objective: Flood tide deflection if oil threatens from SW: only when other larger sites are assured protection

Strategy: Deploy 1500' 9x9+ Harbor boom SW from the island with a slight deflection to move oil past island and back into main channel.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		1500	feet	
Anchor	Danforth	22 lb		6		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		

Strategy: 2-633.2 Objective: Flood tide deflection if oil threatens from NW: only when other larger sites are assured protection

Strategy: Deploy 1500' 6X6+ north and northeast to deflect oil past island and back into north channel. Stake and/or anchor in place. This area is extremely shallow and only very shallow draft vessels can deploy here and deployment should be scheduled for higher tide windows.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		1500	feet	
Anchor	Danforth	22 lb		6		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		

Logistics:

Directions: There is no land access. Water access only: the site is one mile northwest from McAvoy's Marina at channel marker G 21.

Land Access: No land access. Foot traffic at site only. Coordinate with MOTCO before landing.

On-Water Limitations: Extreme shallows. Beware of pilings. McAvoy/Harris Marina at Bay Point is immediately to the east. Martinez Marina (9 mi. W). Pittsburg Marina (6 mi. E).

Facilities, Staging Areas, Command Posts, Available Equipment: Deploy from Pittsburg, Martinez or McAvoy's marinas. McAvoy's is possible field post, as well as a resupply point. All manner of facilities, except housing, are available. Area can be secured.

Communications Problems: Unknown

