

County: **Solano**
USGS Quad: **Honker Bay**

Thomas Guide Location

Latitude N
38 03.7

Longitude W
121 59

NOAA Chart: **SUISUN BAY 18656/18657/18658**

Last Page Update : 10/1/2005

SITE DESCRIPTION:

This site is an island in the middle of Suisun Bay between Roe Island and Chipps Island. It is Concord US Weapons Station Property. This low island is surrounded by marshy 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 pilings. The east tip is wave-washed beach.

SEASONAL and SPECIAL RESOURCE CONCERN

All marshes have A-protection priority at all times.

RESOURCES OF PRIMARY CONCERN

This is a sandy/mud emerging bar with extensive tule margins on west and east which are suitable for marsh birds and waterfowl. Its size and isolation result in transient use for many species.

The marshy margins are prime marsh bird and waterfowl habitat. No sensitive bird species have been recorded here.

The emergent marshes here are typical tule-sedge mix.

Several sensitive plants may occur here: Mason's lilaeopsis, Suisun marsh aster.

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
BLE		US Navy, Concord Naval Weapons Station, Enviro	(925) 246-4024
	Eric Larson	CA Dept. of Fish & Wildlife, Bay/Delta	(707) 944-5528

ADDITIONAL SITE SUMMARY COMMENTS:

2-633 -A Site Strategy - Middle Ground Island

County and Thomas Guide Location

Solano

NOAA CHART

SUISUN BAY 18656/18657/18658

2-633 -A

Latitude N

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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.

HAZARDS and RESTRICTIONS:

The south side has pilings and submerged pilings. The north and west side are extremely shallow: the island is the emergent tip of a shallow mud bar.

SITE STRATEGIES

This is a small marshy Island with extreme shallows on the north and west side.

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

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

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

Deploy 1500' 4X4+ north and northeast to deflect oil past island and back into north channel. Stake and anchor in place. This area is extremely shallow and only very shallow draft vessels can deploy here and deployment should be scheduled for high tides.

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 kinds	comment	staff deploy	Staff tend
2-633.1	1500				4	4/22#+ danforths & chain	2	1					8	
2-633.2	0	1500			4	4/12+/danforths & stakes	1	2					7	

LOGISTICS

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

There is no land access. Water access only: the site is one mile northwest from McAvoy's Marina at channel marker G 21. This site is an island in the middle of Suisun Bay between Roe Island and Chipps Island. It is Concord US Weapons Station Property.

LAND ACCESS: no land access. foot traffic at site only.

WATER LOGISTICS: Extreme shallows. Beware of pilings.

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: McAvoy/Harris Marina at Bay Point is immediately to the east. gMartinez Marina (9 mi. W). Pittsburg Marina (6 mi. E).

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

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: none known

ADDITIONAL OPERATIONAL COMMENTS:

