

County: **Contra Costa**

Thomas Guide Location

Latitude N

Longitude W

USGS Quad: **Honker Bay**

3 8 03

121 57

NOAA Chart: **18656 Suisun Bay**

Last Page Update : 7/1/2005

SITE DESCRIPTION:

This marshy area on the Contra Costa shore of east Suisun Bay extends from the entrance to McAvoy's Marina east to the water intake slough at Mallard Island. It is an extensive marsh system with multiple small channels and fingering channels. Most of the channels are small but three are extensive, including two dead-end channels which run straight south for over a quarter mile into the land. The third channel is in the east end and winds extensively and has inlets to the leveed interior marshes. The front marsh is saline tule with some pickleweed. Marshes inland are fresh with some large expanses of cattail. Though the marshes are grazed by cattle, there is extensive wildlife habitation by mammals and birds. The Bay front is alternating eroding and accreting.

SEASONAL and SPECIAL RESOURCE CONCERN

The site is an "A" priority year-round. Several Special Status Species occur here.

RESOURCES OF PRIMARY CONCERN

This extensive saline-fresh marsh system is good habitat for marsh birds and mammals of all kinds including special status species: California black rail, saltmarsh harvest mouse.

This is nesting and foraging habitat for all manner of waterfowl and marsh birds including Special Status Species: California black rail (FSC/CT).

The marsh also supports a wide diversity of marsh mammals and other vertebrates including Special Status Species: saltmarsh harvest mouse (F/CE).

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
	John Henderson F/W Biologist	US Fish & Wildlife Service, Environmental Contam	(916) 414-6595
	Eric Larson	CA Dept. of Fish & Wildlife, Bay/Delta	(707) 944-5528

ADDITIONAL SITE SUMMARY COMMENTS:

2-702 -A Site Strategy - Stake Point Marshes

County and Thomas Guide Location

Contra Costa

NOAA CHART

18656 Suisun Bay

2-702 -A

Latitude N

3 8 03

Longitude W

121 57

Last Page Update : 10/1/2005

CONCERNS and ADVICE to RESPONDERS:

Inner channels and marshes as well as waterfront marshes are vulnerable to oil penetration - primary concern is to exclude tidal channels. Responders should minimize trampling of vegetation and tracking oil into marshes and sediments. Tiny endangered plants and animals are present and may be underfoot.

HAZARDS and RESTRICTIONS:

Shallows.

SITE STRATEGIES

Strategy 2-702.1 Objective: Exclusion at mouths of 6 tidal channels to inner marshes.

Set 9x9+ Cboom across all six openings in diagonals or chevron formations. Anchor near shore and leave a trailing boom end to insure tidal seal. Back with sorbent.

Strategy 2-702.2 Objective: Protective booming of bayfront emergent marsh margin from oil penetration

Anchor 6X2+ protection boom anchored off marsh margin. If windchop is likely to wash oil over the boom, then double boom: deploy a second layer of boom. Smaller boom or sorbent boom may be used for the second layer only if it is deployed between the 6x2+ and the marsh. Provide for oil skimming/collection if oil is likely to be collecting between the booms.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no	tvae and gear	Boom boat	Skiffs punts	Skimmers No	Type	Special Equipment or No and kinds	comment	staff deploy	Staff tend
2-702.1	2000			600	22	4/22+ & 6/12+/danforths, 12 stakes	2	2					10	
2-702.2	0	10000			25	15/25lb/danforth anchor	4	2					25	

LOGISTICS

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

There is no vehicle access to this site. By water, the site is immediately upstream from McAvoy's Marina. This marshy area on the Contra Costa shore of east Suisun Bay extends from the entrance to McAvoy's Marina east to the water intake slough at Mallard Island.

LAND ACCESS: NO VEHICLE ACCESS TO WATERFRONT

WATER LOGISTICS: GOOD AT MED TO HI TIDE

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available:

Launch and complete marina facilities are available at McAvoy's Marinas at west boundry, and at Pittsburg Marina and public ramp to 3 miles east.

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

Both Pittsburg and McAvoy's provide excellent staging or deployment sites. Diverse facilities are available at both. Security is more an issue at Pittsburg.

COMMUNICATIONS PROBLEMS: none known

ADDITIONAL OPERATIONAL COMMENTS:

