

County: **Contra Costa**
 USGS Quad: **Antioch North**

Thomas Guide Location

Latitude N

Longitude W

3 8 03

121 51

NOAA Chart: **18656 Suisun Bay**

Last Page Update : 7/1/2005

SITE DESCRIPTION:

This site includes the leveed island, surrounding berm and channel islands and the accreting, unleveed marsh at the north tip (Point San Joaquin) and the mudflats to the west of the tip. This island is flooded in the interior and has unregulated exchange through a tide gate. The interior of the island is emergent tule marsh. The levees and surrounding berm and channel islands are vegetated with shrub-scrub and emergent marsh; most are suffering from wave erosion. The north tip is an accreting emergent marsh. This tip and the pocket at the northwest end of the main island are natural wind catchment sites.

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 the following special status species: California black rail, saltmarsh harvest mouse.

This is nesting and foraging habitat for all manner of waterfowl and marsh birds including the 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
E	Gilbert Cosio	Webb Tract Reclamation District	(209) 943-5551
	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:

2-712 -A Site Strategy - Winter Island

County and Thomas Guide Location

Contra Costa

NOAA CHART
18656 Suisun Bay

2-712 -A

Latitude N Longitude W

3 8 03 121 51

Last Page Update : 12/15/2005

CONCERNS and ADVICE to RESPONDERS:

Emergent wetlands are extremely vulnerable to oil with poor hope for cleanup. Potential for penetration of mudflats and berms via animal burrows.

HAZARDS and RESTRICTIONS:

Riprap poses slip, trip and fall hazards. Vessels beware of submerged objects and shallows at margins.

SITE STRATEGIES

Strategy 2-712.1 Objective: Extend exclusion-deflection chevron to fend past Pt. San Joaquin Marsh and Mudflats from oil threats from the west

Deploy 3500 ft. of 9x9+ boom from the tip of Pt. San Joaquin westerly along the 4 ft. depth contour at the north westerly margin of the mudflat. Deploy a second 2500 ft. of 9x9+ boom leg from the collection pocket east of the mouth of middle slough (2-710 see Browns Island) northwest to connect with the first boom leg.

Strategy 2-712.2 Objective: Exclusion for oil threats from east- exclude oil entry to north cross channel and easterly barrow channel with small boom segments.

Block openings to small channels with exclusion boom segments.

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 comment No and kinds	staff deploy	Staff tend
2-712.1	6000				13	22+/# danforth	4	2				16	
2-712.2	0	700			8	8/15lb/danforths	1	3			Bboat: shallow draft	9	

LOGISTICS

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

No land Access. Water access: Winter Island is a mile east of Pittsburg Marina and a mile west from Antioch Marina. This site includes the leveed island, surrounding berm and channel islands and the accreting, unleveed marsh at the north tip (Point San Joaquin) and the mudflats to the west of the tip.

LAND ACCESS: NO LAND ACCESS

WATER LOGISTICS: VERY SHALLOW WATER AND OBSTRUCTIONS

Limitations: depth, obstruction

Launching, Loading, Docking Boat launch nearby at Pittsburg and Antioch Marinas, and at public ramps.
and Services Available:

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

Good staging and facilities at both Antioch and Pittsburg waterfronts.

COMMUNICATIONS PROBLEMS: none known

ADDITIONAL OPERATIONAL COMMENTS:

