

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

Thomas Guide Location

Latitude N

Longitude W

3 8 03

121 05

NOAA Chart: **18656 Suisun Bay**

Last Page Update : 7/1/1996

**SITE DESCRIPTION:**

This site includes all of Brown's Island and Middle Slough just to the east. This island at the eastern end of Suisun Bay is surrounded by channels more than one quarter mile wide. It is part of the East Bay Regional Parks land. It is covered with marshes, lagoons, and waterways. The island has three plant communities: freshwater marsh, willow scrub, and riparian forest. It is not diked.

**SEASONAL and SPECIAL RESOURCE CONCERN**

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

**RESOURCES OF PRIMARY CONCERN**

The site contains the rare plant species Suisun Marsh aster, *Aster chilensis* ssp. *Lengths*, delta tule pea, *Lathyras jepsonii* var. *Jepsonii*, and Mason's *lilaeopsis masonii*. Also, the area is of major importance to migratory waterfowl.

**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
	EBRPD Dispatch EBRP	East Bay Regional Park District	(510) 881-1833
	Hayward/Eden Landing Park Supervisor	East Bay Regional Park District	(510) 544-3082
	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
	Davio Santos Delta Unit Manager	East Bay Regional Park District	(510) 544-3021

**ADDITIONAL SITE SUMMARY COMMENTS:**

## 2-710 -A Site Strategy - Brown's Island

County and Thomas Guide Location

Contra Costa

NOAA CHART  
18656 Suisun Bay

## 2-710 -A

Latitude N Longitude W

3 8 03 121 05

Last Page Update : 10/1/2005

### CONCERNS and ADVICE to RESPONDERS:

The concern is that the entire Island is a marsh with marshy margins which are vulnerable to oil. Of greater concern are the slough openings which would more than double the exposure. Closing sloughs and keeping oil off shorelines are the objectives. Responders should minimize disturbance of vegetation and avoid tracking oil into marsh and sediments.

### HAZARDS and RESTRICTIONS:

Shallows, particularly on the north side.

### SITE STRATEGIES

Strategy 2-710.1 Objective: Exclusion Booming if oil is moving from east or south side toward site: Deploy exclusion booming at Middle Slough, small openings and channels, and marshy southeast corner.

Establish boom to capture oil at the mouth of Middle Slough using 9x9 + boom anchored to channel islands on each side. Deploy 1500 ft. of 4X4 + boom from the skimming boom along the emergent marsh at the southwest corner of the island. Block the mouth of Winter Island channel with 4X4 + boom with sorbent backing. Boom the slough mouth between G3 and G5 with 4X4 boom with sorbent backing. Place sorbant blocking in any other openings to interior sloughs. To collect oil in case of accumulation, use 50ft of Oil Snare (OS), 100ft of sorbent boom. Contact IC if oil accumulates in skimmable quantities.

Strategy 2-710.2 Objective: Exclusion Booming: if oil is moving from west toward site: Deploy exclusion booming from Pt. Emmet to the creek mouth on the northwest shore of Brown's Island, and at all inlets on the remaining shoreline.

Deploy 2000 ft of 4X4 + boom from Pt. Emmet to the creek mouth, a backup 4X4 and sorbant across creek mouth, and boom the mouth of slough opening halfway to Middle Slough (back with sorbant boom). Set 600' of 9x9 + boom across the northerly mouth of Middle Slough. Set up boom anchored to channel levee in the "pocket" just east of Middle Slough mouth and place sorbent booms on the channels inside the pocket. To collect oil in case of accumulation, use 50ft of Oil Snare (OS), 100ft of sorbent boom. Contact IC if oil accumulates in skimmable quantities

Strategy 2-710.3 Objective: Oil Recovery by Shoreside skimming

If oil accumulates in skimmable quantites use skimmer to collect the oil. Establish skimmer at the mouth of middle slough if oil is moving from east or south side toward site. If oil is moving from west toward site, set up skimmer just east of Middle Slough mouth. Consult with IC prior to initiating this strategy.

### 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
2-710.1	2400	2000	50 OS	1100	12 12/22+ /danforths	4	2			12	
2-710.2	600	2000	50 OS	600	6 6/22+ lbs./danforths	2	2		Bboat: very shallow draft	10	
2-710.3	0	0	0	0	0	0	0	2 SPS	0		

### LOGISTICS

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

access by water only: Browns Island is immediately upstream (east) of Pittsburg Marina. This site includes all of Brown's Island and Middle Slough just to the east.

**LAND ACCESS:** NONE

**WATER LOGISTICS:** Shallows, particularly on north side  
Limitations: depth, obstruction  
Launching, Loading, Docking Pittsburg and Antioch Marinas.  
and Services Available:

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

Pittsburg and Pittsburg Marina or Antioch has full range marine and other facilities. Pittsburg launch ramp is a good deployment site.

**COMMUNICATIONS PROBLEMS:** none known

**ADDITIONAL OPERATIONAL COMMENTS:** Access: By water, Brown's Island is easily accessible from the Pittsburg Marina.

