

**2-765 -A Site Summary- Montezuma Island and Collinsville****2-765 -A**

County: **Sacramento, Solano**  
USGS Quad: **Antioch North**

Thomas Guide Location

Latitude N

Longitude W

38 04.5

121 50.5

NOAA Chart: **SUISUN BAY 18652/18656**

Last Page Update : 7/1/1996

**SITE DESCRIPTION:**

This site includes Montezuma Island and marsh margins on the Collinsville shore including Marshall Cut. Montezuma Island is high ground and unleveed. However, the margin, particularly the north margin is a wide expanse of emergent marsh. Also there are several emergent channel marshes and a well developed marsh around Marshall Cut. The westerly part of the mainland shore is ripped. West of Montezuma Island there is a long cut which runs inland to some commercial facilities and at and inside the mouth there is emergent marsh.

**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.

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

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

**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:**

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NOAA CHART

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### CONCERNS and ADVICE to RESPONDERS:

Concern is for oiling of emergent marshes at margins of Montezuma Island and shore line northeast of Collinsville. Also be aware of penetration of oil into riprap or onto levees via animal burrows.

### HAZARDS and RESTRICTIONS:

shallows at margins. Rip-rap has slip, trip, & fall hazards.

### SITE STRATEGIES

Strategy 2-765.1 Objective: At the east end of Montezuma Island, deflect oil away from mouth and exclude it from entry to north side of channel.

Set exclusion boom from the east tip of Montezuma Island due east to Montezuma Island (1200 ft. 9x9+). Anchor near shore leaving trailing ends for tidal seal. At Montezuma Landing, set 2 cascading deflection booms to deflect oil away from the mouth of the channel towards the main channel.

Strategy 2-765.2 Objective: deflect oil away from shoreline and close north side channel mouth at the west end of Montezuma Island.

Deploy 1000' of 9x9+ exclusion boom from the west tip of Montezuma Island due west to the opposite shore. Anchor near shore leaving a trailing boom length to ensure tidal seal. Just west of dead-end channel set deflection booms west of Collinsville (2) cascading from the shore to divert easterly moving oil back into the channel.

### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no tvoe and dear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
2-765.1	2000				8 8/25lb/danforths	4	2		extra line	14	
2-765.2	1500				8 8/25lb/danforths + chain + line	3	2			13	

### LOGISTICS

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

Land access by Collinsville Road from Hwy 12. Only water access to Montezuma Island, from Collinsville or, 1 mile North of Pittsburg. This site includes Montezuma Island and marsh margins on the Collinsville shore including Marshall Cut.

**LAND ACCESS:** NO LAND ACCESS

**WATER LOGISTICS:** MARGINS ARE SHALLOW CHANNELS ARE DEEP

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Boat launch is available at South Shore (Contra Costa) location including Pittsburg, Antioch, and Bay Point marinas.

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

There are various staging and facilities along the south shore. Collinsville has limited facilities but would be a good local deployment site. There are moorage and docks and small amounts of support including water, phones, power, and food.

**COMMUNICATIONS PROBLEMS:** none known

**ADDITIONAL OPERATIONAL COMMENTS:**

