

## 2-760 -A Site Summary- Montezuma Slough - East Mouth

2-760 -A

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

Thomas Guide Location

Latitude N  
38 04.3

Longitude W  
121 52

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

Last Page Update : 7/1/1996

### SITE DESCRIPTION:

This site extends from the easterly mouth of Montezuma Slough about one mile to the DWR flow control structures. The Slough connects Grizzly Bay with eastern Suisun Bay and runs along the northeastern margin Van Sickle Island. There is a well developed emergent marsh at it easterly mouth, and the channel is lined with emergent marsh. There are pocket sloughs along part of its length with additional marshy habitat.

### 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          |
|------|------------------------------|--|----------------|
| OL   | State Water Project Ops C    | CA Dept. of Water Resources                      | (916) 574-2714 |
|      | 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 |
|      | Staff Office                 | Suisun Resource Conservation District            | (707) 425-9302 |

### ADDITIONAL SITE SUMMARY COMMENTS:

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## CONCERNS and ADVICE to RESPONDERS:

Major concerns are spreading of oil to other sites and to extensive marsh margins throughout length. Penetration of oil into levees via animal burrows is also a concern.

## HAZARDS and RESTRICTIONS:

Shallows at margins.

## SITE STRATEGIES

Strategy 2-760.1 Objective: Stop oil entrainment into slough by stopping through current.

Contact Dept. Water Resource Control of the water check dam and request complete closure to stop through flow.

Strategy 2-760.2 Objective: Exclude oil from entering mouth by configuring exclusion boom to fend oil away from mouth as to exclude.

Deploy 9x9+ exclusion boom well out from the mouth in a shallow chevron "V" to encourage oil to slide past mouth as well as to exclude entry. Run an extended boom length along the wetland to the east of the mouth. Anchor west end near the Spinner Island shore 200 yards west of mouth. Put sorbent boom across the mouth.

Strategy 2-760.3 Objective: Backup strategy to above exclusion if oil circumvents exclusion.

1) Close mouth of inside slough at Van Sickle margin with 100' 4x4+ boom backed with sorbent. 2) Set 400 ft 6x6+ exclusion boom across channel near the mouth in a manner most favorable (a diagonal) to conditions on incoming tide. Back with sorbent boom.

## Table of Response Resources

| strategy number | harbor boom | swamp boom | Other boom type | sorb boom | Anchoring no | tvoc and gear                  | Boom boat | Skiffs punts | Skimmers No | Type | Special Equipment or and kinds | comment     | staff deploy | Staff tend |
|-----------------|-------------|------------|-----------------|-----------|--------------|--------------------------------|-----------|--------------|-------------|------|--------------------------------|-------------|--------------|------------|
| 2-760.1         | 0           |            |                 |           |              |                                |           |              |             |      |                                | contact DWR |              |            |
| 2-760.2         | 3000        |            |                 |           | 8            | 8/25lb/danforth + chain + line | 3         | 2            |             |      |                                |             | 13           |            |
| 2-760.3         | 0           | 500        |                 | 500       | 6            | 4/25lb & 2/10lb/danforths      | 1         | 1            |             |      |                                |             | 5            |            |

## LOGISTICS

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

Access from the Van Sickle Island shore on private roads from Collinsville. By water, the site is a mile north of Pittsburg. This site extends from the easterly mouth of Montezuma Slough about one mile to the DWR flow control structures.

**LAND ACCESS:** levee roads when dry

**WATER LOGISTICS:** GOOD AT MARGINS

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Boat launch is available at South Shore (Contra Costs) locations 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:



Imagery: NAIP 2010 (Summer) 4-Band