

County: **Solano**
 USGS Quad: **Courtland, Isleton, Rio Vista**

Thomas Guide Location

Latitude N

Longitude W

3 8 14

121 40

NOAA Chart: **18662 SACRAMENTO RIVER**

Last Page Update : 7/1/1996

SITE DESCRIPTION:

Site extends from its mouth on the Sutter Slough, southwest of Courtland, to its mouth on Cache Slough near the mouth of the Sacramento Deep Water Ship Channel. This slough is another side channel of the Sacramento River. It has abrupt steep levees with occasional water side benches and beaches. Much of its length is ripped but it has mature and shrub-scrub riparian growth at points throughout, particularly at southerly reaches where there are channel islands and extensive open marshes. The southerly portion has been designated (DMRP and DFW/NHD) as having outstanding habitat values. The site is a DMRP designated scenic area. There are breaks in the levee which allow flow to the interior of Prospect Island.

SEASONAL and SPECIAL RESOURCE CONCERN

Marsh and riparian growths here have "A" priority year around. Significant and Special Status Species occur here, including important fish stocks, an endangered fish and three rare plants.

RESOURCES OF PRIMARY CONCERN

There are very significant and sensitive dense riparian and emergent growths in the south reaches and in spots in the north portion. Riprap and grassy, steep levees typify the mid and northerly portion. The aquatic habitat is CRITICAL to many migratory species of fish including a high proportion of the salmonid stocks for the Sacramento Valley, striped bass, American shad, and Sacramento splittail. Extensive riparian habitat.

Swainson's hawk (ST) frequent this site. This channel is of moderate importance to many other bird species particularly marsh and waterbirds.

Portions of the marshy margin are very valuable habitat for marsh animals.

In addition to resident warmwater species, this is CRITICAL habitat to migratory species of fish. A high proportion of the migratory fish of the Sacramento Valley use this corridor or reside here for some portion of their life-cycle. These include: all the steelhead and salmon stocks (including winter-run chinook (F/SE), American shad, striped bass, white and green sturgeon, and Sacramento splittail. There is great concern for winter-run chinook smolts from mid-September through May.

This channel is commercially fished for crayfish.

Riparian growth is of key importance here. Sensitive plant species present include: Mason's lilaeopsis (SR).

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
O	Robert Clark	North Delta Water Agency	(916) 446-0197
	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:

2-855 -A Site Strategy - Miner Slough

County and Thomas Guide Location

Solano

NOAA CHART
18662 SACRAMENTO RIVER

2-855 -A

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CONCERNS and ADVICE to RESPONDERS:

Infiltration of oil into riprap and into levees via invertebrate, muskrat and beaver burrows. Infiltration of oil into thick riparian habitat. Beaver burrows may be present.

HAZARDS and RESTRICTIONS:

Aerial traffic beware of overhead power wires and TV towers in Walnut Grove vicinity. Narrow road, narrow bridges, and narrow shoulders with riparian vegetation makes create hazards. Narrow road, narrow shoulders, thick vegetation, and deep water creates a hazardous situation. Traffic control should be implemented at this site.

SITE STRATEGIES

Strategy 2-855.1 Objective: Exclude oil from entering north mouth at Sutter Slough by deploying diversion/exclusion oil to shunt oil past mouth.

1. Deploy strategy for Sutter Slough (2-832) path of oil slick and Steamboat Slough path, ie. Stop it from getting near mouth.
2. Deploy additional exclusion-diversion boom across narrow entrance of Miner Slough: 200' 6X6+ swamp boom from well upstream of mouth on Sutter Slough to well downstream. Anchor with trailing boom length to maintain tidal seal. Back with sorbent boom. Good site for land-based deployment.

Strategy 2-855.2 Objective: Deter oil entry into south mouth at Cache Slough using deflection/exclusion booming at mouth. See Cache Slough primary strategy.

See Cache Slough strategy. Additional strategy may be needed.

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
2-855.1	0	200		150	4 4 anchors					2	
2-855.2	0										

LOGISTICS

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

By water, site is accessible via its northerly mouth on Sutter Slough (Courtland) or via its southerly mouth just east of the Ryer Island Ferry (Hwy 84) on Cache Slough. Best vehicle access is Hwy 84 which is the Ryer Island levee road 7 miles north of Rio Vista. Site extends from its mouth on the Sutter Slough, southwest of Courtland, to its mouth on Cache Slough near the mouth of the Sacramento Deep Water Ship Channel.

LAND ACCESS: ALL WEATHER/ALL TRAFFIC ROADS

WATER LOGISTICS: DEEP BUT RIPARIAN GROWTH THICK

Limitations: depth, obstruction

Launching, Loading, Docking Arrowhead Marina at NW corner of Ryer Island.
and Services Available:

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

At upper mouth, deploy from levee: nearest facility is Arrowhead Marina. Lower mouth, deploy from ferry or from deployment sites on south bank or Cache Slough or ferry landing. Use Rio Vista facilities.

COMMUNICATIONS PROBLEMS: none known

ADDITIONAL OPERATIONAL COMMENTS:

