

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

Thomas Guide Location

Latitude N

Longitude W

38 18.3

121 34.5

NOAA Chart: **18662 SACRAMENTO RIVER**

Last Page Update : 7/1/1996

SITE DESCRIPTION:

Site extends from its mouth on the Sacramento River near Courtland to its mouth on Cache Slough at the tips of Grand and Ryer Islands. Sutter Slough connects at mid-length. This Slough is a north-south (shortcut) 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 its northerly and southerly reaches. The southerly portion has been designated (DMRP and DFW/NHD) as having outstanding habitat values. The site is a DMRP designated scenic area.

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

Dense riparian and emergent growths in the north and south reaches are very significant and sensitive. Riprap and grassy steep levees in mid 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.

Swainson's hawk (ST) frequent this site at multiple locations. This channel is of moderate importance to many other bird species.

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/CE)), American shad, striped bass, white and green sturgeon, and Sacramento splittail (F/CSC). There is very 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. Plant species present include: Mason's lilaeopsis (SR), Delta tule pea, Sanford's arrowhead.

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	NOAA, National Marine Fisheries Service	(562) 980-3232
	John Henderson F/W Biologist	North Delta Water Agency	(916) 446-0197
		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:

2-830 -A Site Strategy - Steamboat Slough

County and Thomas Guide Location

Sacramento, Solano

NOAA CHART

18662 SACRAMENTO RIVER

2-830 -A

Latitude N

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CONCERNS and ADVICE to RESPONDERS:

Infiltration of oil into riprap and into levees via invertebrate, muskrat and beaver burrows. Penetration and potential impacts to riparian habitats.

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 this site a dangerous hazard. Traffic control should be implemented at this site. Bridge height is 14' 6". Narrow road and narrow shoulders creates a hazardous situation. Loose footing near water.

SITE STRATEGIES

Strategy 2-830.1 Objective: Exclusion/diversion to collection at the Sacramento mouth: divert it to shore-side collection.

1. Lay 600' 6X6 deflection boom from a point up the Sacramento from marina docks above the mouth at a downstream 45 degree angle to mid-channel to divert oil away from slough mouth. Back with sorbent.
2. Deploy exclusion-collection boom across Steamboat Slough at a slight angle to take advantage of eddying along the north bank.
3. Deploy absorbent booms behind exclusionary booms to capture oil streamers.
4. Establish land-based collection unit to collect accumulating oil. Use 50ft of Oil Snare (OS), 100ft of sorbent boom to collect oil that may accumulate. Contact IC if oil begins to accumulate in skimmable quantities.

Strategy 2-830.2 Objective: Exclusion/deflection booming Steamboat Slough south mouth on Cache Slough on incoming tides.

Set 500' 9x9+ diversion/exclusion boom in a shallow chevron to shunt oil past mouth and simultaneously block its entry. Anchor near shore and leave a trailing boom length to insure tidal seal. Back with sorbent boom.

Strategy 2-830.3 Objective: Oil Recovery by Shoreside skimming

Deploy skimmer if oil accumulates in skimmable quantities. Consult with IC prior to the initiation of 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 and	Equipment or kinds	comment	staff deploy	Staff tend
2-830.1	0	1300	50 OS	600	7	3/25lb+4/40lb/danforth	1	1						9	
2-830.2	500			500	5	5/25lb/danforth	1	1						5	
2-830.3	0	0	0	0	0		0	0	1 SSS	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 the Sacramento River just south of Sutter Slough (Courtland) or via its southerly mouth just east of the Ryer Island Ferry (Hwy 84) on Cache Slough. Best vehicle access is Grand Island Road off Hwy 160. Site extends from its mouth on the Sacramento River near Courtland to its mouth on Cache Slough at the tips of Grand and Ryer Islands. Sutter Slough connects at mid-length.

LAND ACCESS: ALL WEATHER/ALL TRAFFIC ROADS

WATER LOGISTICS: DEEP, FEW SNAGS OR SHALLOWS

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Courtland Docks and Morgan Landing closest northerly boating facility. Snug Harbor, Rio Vista or Real McCoy ferry landing are nearest launch point to south.

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

Steamboat Landing is the nearest facility. Small front parking lot available but not convenient for large-scale deployment. Stairs available for beach access. Hidden Harbor and Snug Harbor closest facilities. Rio Vista has best service for south mouth. Deployment at south mouth may be staged at ferry landing or local marinas.

COMMUNICATIONS PROBLEMS: none known

ADDITIONAL OPERATIONAL COMMENTS:

