

County: **Sacramento**USGS Quad: **Rio Vista**

Thomas Guide Location

Latitude N

Longitude W

38 06.5

121 41.2

NOAA Chart: **18661 Sacramento & San Joaquin River**

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This Slough is about 3.5 mile long from its mouth on the Sacramento River to its mouth on the San Joaquin River. Site also includes the westerly end of Sevenmile Slough. This swift flowing channel is ripped on most of its steep banks. There are pockets of riparian vegetation. Brannon Island State Park borders its northwestern edge. There are pockets of emergent growth along its length, particularly in the Sevenmile Slough channel at the Park. This is a key control point to prevent oil spread from one side of the Delta to the other.

SEASONAL and SPECIAL RESOURCE CONCERN

This is a key site in containing the spread of oil. There are significant resource here all year but overwhelming concern is to prevent oil movement between Sacramento and San Joaquin River systems.

RESOURCES OF PRIMARY CONCERN

Riparian and wetland habitat is prominent in Brannan Island State Recreation Area. This Slough is also a key location for habitats in general since it permits flow (and spread of oil) between central and northwest Delta.

Riverine bird life typifies the area. Greater sandhill cranes (ST) winter in the nearby interior of Sherman Island.

Emergent vegetation is spawning habitat for Delta smelt (FT/SE), and their fry are commonly present in moderate to high densities.

This waterway is also within the zone of highest concern for winter-run chinook salmon (F/CE) smolts from September through May.

Sensitive plant species found here include Suisun marsh aster, Delta tule pea, Mason's lilaeopsis (SR), and Antioch dunes evening primrose (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
TL	Ron Breen	CA Dept. of Parks & Recreation	(916) 445-7373
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:

2-805 -B Site Strategy - Three Mile Slough - Sacramento River

County and Thomas Guide Location

Sacramento

NOAA CHART

18661 Sacramento & San Joaquin River

2-805 -B

Latitude N

Longitude W

38 06.5 121 41.2

CONCERNS and ADVICE to RESPONDERS:

Infiltration of oil into rip-rap, wetland, and riparian habitat.

HAZARDS and RESTRICTIONS:

Steep riprap banks and eroded banks with thick vegetation are obstacles to foot traffic. Narrow road and narrow shoulders creates a hazardous situation. Traffic control should be implemented at this site.

Last Page Update : 7/1/2005

SITE STRATEGIES

Strategy 2-805.1 Objective: Exclude oil from mouth on Sacramento River to prevent spread to San Joaquin

See Sacramento River, Horseshoe Bend strategy, 2-804.

Strategy 2-805.2 Objective: Diversion to collection in westerly portion of Slough, for oil from Sacramento River

This is a key deployment to keep oil in the Sacramento River from spreading to the San Joaquin River. At Hwy 160 bridge, deploy a collection diagonal to land the oil at the most favorable collection point under prevailing wind and current conditions. Use 50ft of Oil Snare (OS), 100ft of sorbent boom to collect oil that may accumulate. Repeat this configuration as necessary to intercept oil spreading from west to east.

Strategy 2-805.3 Objective: Oil Recovery by Shoreside skimming

Deploy skimmer if oil accumulates in skimmable quantities. Collect oil with land-based skimmer. Consult with IC prior to 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 Equipment or comment No and kinds	staff deploy	Staff tend
2-805.1	0										
2-805.2	2600		50 OS	100	5 5/50lb anchor + chain + line	2	1			9	
2-805.3	0	0	0	0	0	0	0	1 portable	0		

LOGISTICS

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

This site is easily accessible from either Sacramento or San Joaquin Rivers since it is a major cross link. Also, the boat ramp at Brannon Island State Park is on the Slough. Levee Roads and Hwy 160 provide vehicle access: Sherman Island Road is an all weather/all traffic paved road; Twitchell Island levee roads are private (DWR). This Slough is about 3.5 mile long from its mouth on the Sacramento River to its mouth on the San Joaquin River. Site also includes the westerly end of Sevenmile Slough.

LAND ACCESS: ALL WEATHER/TRAFFIC

WATER LOGISTICS: GENERALLY VERY GOOD WATER

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Launching facilities available at Brannan Island State Recreational Area.

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

Staging area available on river side and slough side at Brannan Island Recreational Area. Facilities including restrooms, electricity, and phone available.

COMMUNICATIONS PROBLEMS: none known

ADDITIONAL OPERATIONAL COMMENTS:

