

2-804-A Site Summary - Sacramento River, Horseshoe Bend, Decker Island**2-804-A****County:** Sacramento **ACP Division/Segment:** SA - C - S005 SA - C - S008**NOAA Chart:** 18661 Sacramento & **Map Book:** **Decimal Degrees:** 38.085521 -121.713338
San Joaquin River**Site Description:**

Site extends from the Sacramento mouth of 3-mile Slough to reunion of Horseshoe Bend at south tip of Decker Island and includes a restored (2001) wetland at the north tip of Decker Island (DWR). This wide riverine habitat is confined between leveed banks. The reach has emergent tule salt-marshes along most of its length and is premium Delta smelt spawning habitat. Uplands are trees and shrubs including many mature trees. Water margins are shallow with some extensive emergent patches particularly near the mouth. The restored marsh at the north tip opens on the Horse Bend side of the Island.

Resources at Risk:*ESI and Habitat:* 6B Riprap

9B Vegetated low banks

8B Sheltered solid man-made structures

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Birds	Swainson's hawk	FP, ST		Mar-Sep
Fish	delta smelt	FT, SE		Mar-May
Fish	chinook salmon - Winter-run	FE, SE		Oct-May
Fish	longfin smelt	ST		Nov-May
Fish	steelhead - Central/Northern California	FT		Nov-Apr
Plants	Mason's lilaeopsis	SR		Apr-Nov
Reptiles	giant garter snake	FT, ST		Jul-Oct

FT-Federally Threatened, FE-Federally Endangered, FP-Federally Protected, SE-State Endangered, ST-State Threatened, SP -State Protected, SR-State Rare, SSC-Species of Special Concern, BGEPA-Bald and Golden Eagle Protection Act, SSSP-State Special Status Species

List of Key Contacts:

Type	Name/Title	Organization	Phone
C	/Coordinator	Native American Heritage Commission	(916) 373-3710
C	/Coordinator	Northwest Information Center	(707) 588-8455
E	/Dispatch, 24-hr	California Department of Parks and Recreation	(916) 358-1300
E	/Office	North Delta Water Agency	(916) 446-0197
O	/Dispatch, 24-hr	California Department of Water Resources	(916) 574-2714
S	/Dispatch, 24-hr	Sacramento Co. Office of Emergency Services	(916) 875-6900
T	/Environmental Program Manager	CA Dept. of Fish & Wildlife, Bay Delta Region	(707) 576-2837
T	/Restoration Ecologist	US Department of Agriculture	(530) 304-2304
T	/Spill Response Coordinator	USFWS, SF Bay-Delta Office	(916) 799-0588

C – Cultural, Historic, Archaeological; E – Entry/Owner/Access; O – Other; S – Safety; T – Trustee; X – Exclusion or Security

Additional Site Summary Comments:

Several sensitive plant species occur in the area. There are two islands in the reach which have been developed as residences or marina/mobile parks, but most of the shoreline is undeveloped and natural.

Concerns and Advice to Responders:

Concern for this site is secondary to keeping oil in Sacto River from moving into Threemile Slough and spreading to San Joaquin side of the Delta. Concerns within the site is oil penetrating the small marsh in the tip of Decker Island and the emergent marshes along the length. Beaver burrows and riprap are also places where oil may become lodged.

Hazard and Restrictions:

Roads are narrow and winding with narrow shoulders and low visibility curves in spots, and traffic on Hwy 160 (east levee) is fast and poses hazards: traffic control should be implemented at this site. Channel margins have thick vegetation, shallows and soft bottoms. Aerial traffic beware of occasional power wire crossings.

Site Strategies:**Site Validation Level: II**

Strategy: 2-804.1 Objective: Deflection-exclusion booming: keep oil in main Sacramento River channel and out of 3-mile Slough and Horseshoe Bend.

Strategy: Deploy deflection-exclusion boom in wide chevron to deflect oil past site and keep it in main channel. Use 4800' of 9X9+ curtain boom leaving trailing boom ends to maintain tidal seal.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		4800	feet	
Anchor	Danforth	40 lb		12		
Vessel	Boom Boat			2		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			8		

Strategy: 2-804.2 Objective: Exclude oil from north mouth and divert it to shore for collection.

Strategy: Deploy 1700 ft 9x9+ exclusion-collection boom from the north tip of Decker Island at a diagonal to the Sherman Island levee for collection. Use 50 ft Oil Snare (OS), 100 ft of sorbent boom to collect oil that may accumulate. Contact IC if oil accumulates in skimmable quantities.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		1700	feet	
Boom	Oil Snare (pom-pom)			50	feet	
Boom	Sorbent			100	feet	
Anchor	Danforth	25 lb		5		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		

Strategy: 2-804.3 Objective: Exclude/deflect past at south mouth of Slough.

Strategy: Deploy 2300 ft of 9X9+ exclusion-deflection boom across mouth in a shallow chevron from Sherman Island to Decker Island, leaving trailing ends to ensure tidal seal. Additional booming or sorbent booming may be necessary inside the mouth to deter oil movement if the outer chevron fails.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		2300	feet	
Anchor	Danforth	25 lb		6		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		

Strategy: 2-804.4 Objective: Oil Collection with Shoreside skimming system if oil accumulates in skimmable quantities

Strategy: Set up shore side skimming (SSS) operation at levee. Back with sorbent boom if entraining or escapement is likely. Consult IC prior to initiation of strategy.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
skimmer	shoreside			1		
Staff	Staff to Deploy			3		

Logistics:

Directions: Via water, the site begins two miles north of the Rio Vista Bridge where the Sacramento River branches off Cache Slough and the Sacramento Deep Water Channel. By vehicle, the site begins two miles north of the Hwy 12 Rio Vista Bridge on Hwy 160.

Land Access: Private Property, best access via water.

On-Water Limitations: Launch facilities are available at Rio Vista or Brannon Island State Park.

Facilities, Staging Areas, Command Posts, Available Equipment: Rio Vista USCG station or Brannon Island State Park would serve well as a staging or command post site for this area. Either could be used as a deployment site as well. Rio Vista is the nearest locale with full support services, food, lodging, emergency service, marine repair, etc.

Communications Problems: Cell reception varies.

