

County: Yolo ACP Division/Segment:

NOAA Chart: 18662 SACRAMENTO RIVER Map Book:

Decimal Degrees: 38.327814 -121.576639

Site Description:

Sutter Slough is a side channel of the Sacramento River and flows to Steamboat Slough, approx 4.5 river miles. It is bordered on the east side by Sutter Island. It is relatively narrow slough with mature and shrub-scrub riparian growth mix along steep and partially rip-rapped levees. Strong currents are common; the channel is deep though encroached upon by riparian growth. Several significant side sloughs intersect: Elk Slough and Miner Slough. This is an important pathway for migratory fish.

Resources at Risk:

ESI and Habitat: 8C Sheltered 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	chinook salmon - Winter-run	FE, SE		Oct-May
Fish	steelhead - Central/Northern California	FT		Nov-Apr
Fish	delta smelt	FT, SE		Mar-May
Insects	valley elderberry longhorn beetle	FT		
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	/Office	North Delta Water Agency	(916) 446-0197
E	/Manager	Solano County Water Agency	(707) 455-1105
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
S	/Dispatch, 24-hr	Yolo County Office of Emergency Services	(530) 666-8920
T	/Environmental Program Manager	CA Dept. of Fish & Wildlife, Bay Delta Region	(707) 576-2837
T	/Oil Spill Point of Contact	NOAA National Marine Fisheries Service	(707) 480-3496
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:

Concerns and Advice to Responders:

Infiltration of oil into riprap and also into levees via invertebrate and beaver burrows. Difficult cleanup of riparian vegetation. Toxicity to riparian growth and migratory fish.

Hazard and Restrictions:

Narrow road, narrow bridge, and narrow shoulders with riparian vegetation makes this site a dangerous hazard. Traffic control should be implemented at this site. Aerial traffic should note powerline crossings and TV antennae towers in the vicinity.

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

Strategy: 2-832.1 Objective: Exclude oil and divert to shore for collection, for oil threats to Sacramento mouth.

Strategy: 1. Deploy exclusion-collection boom across Sutter Slough mouth using the bridge pier as anchor point. Deploy at an angle to take advantage of local eddy (which tends to be inside mouth along northside levee.

2. Deploy double sorbent booms behind exclusionary booms to capture oil streamers.

3. Establish land based collection of oil. Use 50ft of Oil Snare (OS), 100ft 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	Swamp	6x6 inch		500	feet	
Boom	Oil Snare (pom-pom)			50	feet	
Boom	Sorbent			1100	feet	
Anchor	Danforth			5		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		

Strategy: 2-832.2 Objective: For oil threats from upstream, deflection boom above the Sacramento mouth to keep oil to mid channel and away from mouth.

Strategy: From a point 300 feet upstream from mouth on the west bank of the Sacramento River, deploy 600ft of 6X6+ deflection boom to mid channel at a 45 degree angle.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		600	feet	
Anchor	Danforth	25 lb		3		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		

Strategy: 2-832.3 Objective: Exclusion boom at the south mouth on Steamboat Slough.

Strategy: Deploy 500' 6X6+ boom across the mouth. Anchor one end 100' up Steamboat slough near the Sutter Island levee and the other downstream from the mouth, leaving trailing boom lengths to ensure a tidal seal.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		500	feet	
Boom	Sorbent			100	feet	
Anchor	Danforth	25 lb		3		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		

Strategy: 2-832.4 Objective: Oil Recovery by Shoreside skimming

Strategy: Deploy skimmer if oil accumulates in skimmable quantities. Consult IC prior to initiation of this strategy.

Table of Response Resources

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

Logistics:

Directions: By water, Sutter Slough branches off the Sacramento River just south of Courtland and rejoins Steamboat Slough at mid-length. The all weather levee road on Sutter Island is accessible from Hwy 160 opposite Courtland.

Land Access: Paved road on SE levee. Best access via vessel.

On-Water Limitations: Courtland Docks and Morgan Landing closest boating facility at northerly mouth. Steamboat Landing, Hog Island or Snug Harbor on Steamboat Slough are closest to southerly mouth.

Facilities, Staging Areas, Command Posts, Available Equipment: Courtland Docks are the nearest facilities. Large front parking lot available but not convenient for large-scale deployment.

Communications Problems: Cell reception varies upon your location.

