

**2-920-B Site Summary - Old River: Orwood Reach****2-920-B****County:** San Joaquin **ACP Division/Segment:****NOAA Chart:** 18661 Sacramento & **Map Book:** SF Bay and Delta **Decimal Degrees:** 37.926523 -121.558682  
San Joaquin River**Site Description:**

This site is the reach of Old River south from the Union Pacific Rail Bridge to Hwy 4, approx 5 river miles. Although this site is heavily rip-rapped and levied, this reach contains fragile tule berm islands with emergent freshwater marsh habitat and riparian vegetation.

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

9B Vegetated low banks

**List of Resources at Risk:**

	Resource Name	Status	Presence	Sensitivity
Birds	California black rail	FP, ST		Mar-Aug
Fish	longfin smelt	ST		Nov-May
Fish	delta smelt	FT, SE		Mar-May
Fish	chinook salmon - Winter-run	FE, SE		
Plants	Mason's lilaeopsis	SR		Apr-Nov
Reptiles	giant garter snake	FT, ST		Jul-Oct
Reptiles	Western pond turtle	SSC		

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	/Manager	Central Delta Water Agency	(209) 969-7755
E	/Dispatch, 24-hr	Contra Costa Water District	(925) 688-8374
O	/Dispatch, 24-hr	California Department of Water Resources	(916) 574-2714
S	/Dispatch, 24-hr	Contra Costa County Office of the Sheriff	(925) 468-4421
S	/Dispatch, 24-hr	San Joaquin Office of Emergency Services	(209) 953-6200
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:**

**Concerns and Advice to Responders:**

The concern is two-fold: first, that oil will be transported through this site to other parts of the delta; and second, that marsh islands and margins will be come oiled. These marsh areas are sensitive and habitat to many sensitive species. There is always the concern of impacts from response and cleanup: trampling vegetation, disturbing wildlife, and tracking oil into marshes and mudflats. These island shores are eroding and fragile.

**Hazard and Restrictions:**

There are shallows and submerged hazards throughout the Delta.

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

**Strategy: 2-920.1 Objective:** Deflection booming: Protect in-channel marsh islands from oil either coming up river or down river.

*Strategy:* Deploy 9X9 harbor boom in a "V" shape at either end of the several in-channel islands. Boom legs should be 50 to 100 ft. each to deflect oil away from shore and into the current.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		500	feet	
Anchor	Danforth	25 lb		9		
Vessel	Boom Boat			1		
Staff	Staff to Deploy			3		

**Strategy: 2-920.2 Objective:** Deflection booming: Protect in-channel marsh islands from oil. Recover oil in channel north of Indian Slough.

*Strategy:* a) Place 600 ft of harbor boom and skimmer in west channel adjacent to the largest island at the river bend north of Indian Slough.

b) Deploy 600 ft. of harbor boom to deflect oil from across channel to the west shore.

c) Use another 600 ft to exclude oil from the largest island by "wrapping" the exposed shoreline.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		1200	feet	
Anchor	Danforth	22 lb		5		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		

**Logistics:**

*Directions:* BY ROAD: take Hwy 4 east to Brentwood, turn left (east) on Chestnut Street, turn left on Byron Hwy, Turn right (east) on Orwood Road, proceed to river at Cruiser Haven Marina. Can also access through Discovery Bay off Hwy 4 south of Brentwood. BY BOAT: From Frank's Tract area proceed south down Old River to Railroad Cut; or from Discovery Bay follow Indian Slough to Old River and Orwood Tract.

*Land Access:* Access via levees.

*On-Water Limitations:* Boat launching facilities are available at Discovery Bay and at a small marina located near the Railroad Bridge.

*Facilities, Staging Areas, Command Posts, Available Equipment:* Levee roads on the Orwood Tract can be used as deployment sites.

*Communications Problems:* Cell reception varies.

