

County: San Joaquin **ACP Division/Segment:****NOAA Chart:** 18661 Sacramento & San Joaquin River **Map Book:****Decimal Degrees:** 37.888482 -121.487833**Site Description:**

This site is the southern extreme reach of Middle River: from Highway 4 bridge at Victoria Canal south to the confluence with the San Joaquin and Old Rivers. It is bounded by rip-rapped lined levees. Middle River has several islands with riparian vegetation. Tule marsh berm islands and freshwater fringe marshes are also present along its length.

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

9B Vegetated low banks

10B Freshwater marshes

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
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	/Manager	Central Delta Water Agency	(209) 969-7755
O	/Dispatch, 24-hr	California Department of Water Resources	(916) 574-2714
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 to minimize spread of oil to habitats up-current and down and to protect mid-channel islands by deflecting oil out of center channel to collection on riprap shoreline. There are marsh islands and margins which are sensitive habitat supporting listed species. Minimize response and cleanup impacts: disturbing wildlife, trampling vegetation, and tracking oil into the sediments.

Hazard and Restrictions:

Beware of shallow water and overhead power lines.

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

Strategy: 2-980.1 Objective: Deflect oil away from in-channel islands and marshes

Strategy: a) Deploy 9X9 Hboom in 100 ft legs in several locations near lower (northern) reach. Deflect oil from islands using "V" configuration (or chevron) at upstream end of island. Deflect oil to both levee shores.
b) As two channels form on either side of the island, deploy 100 ft sections of 9X9 Hboom from island to levee in both channels, downstream of "V" configuration.
c) Recover oil from levees with shoreside skimming system and/or vacuum trucks.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		400	feet	
Anchor	Danforth	25 lb		5		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			3		

Logistics:

Directions: Highway 4 east to Union Point at confluence of Middle River and Victoria Canal.

Land Access: Good access from levees when dry, avoid if saturated.

On-Water Limitations: Launch skiffs from levees and larger boats from Discovery Bay.

Facilities, Staging Areas, Command Posts, Available Equipment: Staging along levees or at Union Point Resort.

Communications Problems: Cell reception good in area.

