

County: San Joaquin **ACP Division/Segment:****NOAA Chart:** 18661 SACRAMENTO / **Map Book:** SF Bay and Delta **Decimal Degrees:** 38.027221 -121.472215
SAN JOAQUIN RIVER**Site Description:**

Site is an island complex along the Deep Water Channel from light R8 to light R16. These islands include Tinsley, Ward, Headreach, Fern, Little Venice Islands and many small unnamed channel and berm islands. Though some parts of the islands are partially developed, most are in very natural states varying from freshwater marsh to shrub scrub to riparian. The channels bordering agricultural islands have heavily rip-rapped levees.

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
Birds	California black rail	FP, ST		Mar-Aug
Fish	longfin smelt	ST		Nov-May
Fish	steelhead - Central/Northern California	FT		Nov-Apr
Fish	delta smelt	FT, SE		Mar-May
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	/Manager	Central Delta Water Agency	(209) 969-7755
E	/Office	Mandeville Island Reclamation District	(209) 946-0268
E	/Office	Rindge Tract Reclamation District	(209) 403-4018
E	/Office	Rindge Tract Reclamation District	(209) 956-8800
E	/Engineer	Terminus Tract Reclamation District	(209) 649-4555
E	/Engineer	Terminus Tract Reclamation District	(209) 465-5883
E	/Office	Tinsley Island Reclamation District	(209) 351-2222
E	/Office	Webb Tract Reclamation District	(209) 943-5551
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	/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:

Valley elderberry longhorn beetle habitat. Several sensitive plant species reside in the area.

Concerns and Advice to Responders:

The major oil issues here are oiling of vegetation and marshes and penetration into burrows and riprap.

Hazard and Restrictions:

Waters are deep draft except in narrow channels between islands, beware of snags and pilings in the shallows. Aerial traffic beware of power wires. Slips, trips and falls.

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

Strategy: 2-050.1 Objective: EAST End: Exclude/Divert/Collect boom (at light R16) and divert oil to shore for collection.

Strategy: Set 1300 ft of 9X9+ exclusion/diversion booms across the main channel at a diagonal. Deploy to favor collection of oil on the Rindge Tract shore if possible. Be prepared to execute secondary booming on the three channels at the east end if the primary boom is not adequate: 500' of 9x9+ boom from Rindge Tract levee to opposite isle tip on north side. Set a second 550' boom from McDonald Isle to Tule Isle. Anchor near shore leaving a trailing boom length to maintain seal during tidal changes. Back with sorbent. Shoreside skimming from Rindge Tract (or McDonald Isl). 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	Harbor	9x9 inch		2350	feet	
Boom	Oil Snare (pom-pom)			50	feet	
Boom	Sorbent			2100	feet	
Anchor	Danforth	25 lb		8		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		

Strategy: 2-050.2 Objective: WEST END: Exclude/Divert/Collect boom. Wind waves are typically a problem here.

Strategy: At R6 set 1200 ft of 9X9+ Hboom in a long diagonal to divert oil to shore for land-side collection. Favor land-based skim/collect oil at the Venice Isl levee if wind and oil movement permit. Anchor near shore leaving a trailing length for shore seal. Back with sorbent.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		1200	feet	
Boom	Sorbent			1200	feet	
Anchor	Danforth	25 lb		5		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		

Strategy: 2-050.3 Objective: Sorbent and exclusion boom included islands as necessary.

Strategy: Boom various sites, small sloughs, and marsh fronts as indicated in the strategy diagrams. Execute adjacent site strategies.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		4000	feet	
Boom	Sorbent			4000	feet	
Anchor	Danforth	25 lb		14		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		

Strategy: 2-050.4 Objective: Oil Recovery by skimming

Strategy: Deploy skimmer from Rindge Tract (or McDonald Isle) when oil accumulates in skimmable quantities. Get authorization from IC prior to the initiation of this 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: Key access to site (lights R8- R16) is by boat accessible from Herman & Helen's Marina or other central & east delta marinas. Vehicle access is from bordering levees: only Empire Tract is easily accessible via 8-mile Road from I-5.

Land Access: ROADS SEASONAL

On-Water Limitations: deep draft, except near shore. Nearest marine facilities, fuel and launch are at Herman & Hellens at the end of 8-mile Rd.

Facilities, Staging Areas, Command Posts, Available Equipment: Good deployment staging site at tip of Empire Tract on San Joaquin R. Facilities on Empire Tract include rental boats and houseboats, fuel, moorage, restaurant, electricity and water, marine supply and repair and some camping.

Communications Problems:

