

2-040-A Site Summary - San Joaquin River, Hog Island Cut Complex**2-040-A****County:** San Joaquin **ACP Division/Segment:****NOAA Chart:** 18661 SACRAMENTO / **Map Book:** SF Bay and Delta **Decimal Degrees:** 38.004958 -121.452289
SAN JOAQUIN RIVER**Site Description:**

Site is an island complex along the Deep Water Channel from light R18 to light R24. These islands include Hog, Spud, Acker and many small 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: 8C Sheltered riprap
9B Vegetated low banks

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Fish	delta smelt	FT, SE		Mar-May
Fish	longfin smelt	ST		Nov-May
Fish	steelhead - Central/Northern California	FT		Nov-Apr
Reptiles	giant garter snake	FT, ST		Mar-Sep

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	/Engineer	Lower Roberts Island Reclamation District	(209) 649-4555
E	/Office	McDonald Island Reclamation District	(209) 956-9940
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	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	/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. Beware of submerged snags.

Concerns and Advice to Responders:

The major Concern here is to prevent/minimize oiling of marshes and vegetation of the many small islands here. The strategies are designed to close side channels, block oil movement, and direct oil to collection. and penetration into burrows and riprap. Responders should try to minimize trampling vegetation and trampling oil into sediments.

Hazard and Restrictions:

Waters are deep draft except in channel on backside of Hog Island. Aerial traffic beware of power wires.

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

Strategy: 2-040.1 Objective: NORTH SIDE: Exclude oil from backside of north Hog Island setting boom at each end of backside channel.

Strategy: Set two exclusion booms. One at each end of Island. 200 ft at east end and 600 at west across backside slough opening. 1000 ft from Hog to island to west and a second 1200 stretch from there to Rindge Tract levee. Sorbent or swamp boom west marsh of westerly island. Anchor near riprap levee leaving a trailing boom length to maintain seal during tidal vacillations. Possible skim at east end.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		3300	feet	
Boom	Sorbent			3000	feet	
Anchor	Danforth	25 lb		10		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		

Strategy: 2-040.2 Objective: SOUTH: Exclude oil from 21 Mile Slough (south margin of Spud Island) by booming each end.

Strategy: Set 600 ft of Hboom from Spud Island to Lost Island Resort. Set 1000 ft of boom from McDonald Island levee to west tip of Spud Island. Leave trailing ends to keep seal during tidal seal. Sorbent boom blocks across small channels admitting to interior marsh of Spud Island. Also execute Strategy (2-963) to exclude oil from Turner Cut.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		1600	feet	
Boom	Sorbent			200	feet	
Anchor	Danforth	25 lb		6		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		

Strategy: 2-040.3 Objective: WEST: Exclude/Divert/Collect boom, divert oil to levee bank for collection as wind and currents permit.

Strategy: Set 2000 ft of Hboom across channel at a long diagonal from opposite and upstream of light 18 to pocket eddy on south side of Channel. Set up collection at levee offering collection (typically the McDonald Island levee). Use 50ft of Oil Snare (OS), 100ft of sorbent boom to collect oil that may accumulate. Wind wave wash is a problem here.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		2000	feet	
Boom	Oil Snare (pom-pom)			50	feet	
Boom	Sorbent			100	feet	
Anchor	Danforth	40 lb		8		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		

Strategy: 2-040.4 Objective: Oil Recovery by skimming

Strategy: Deploy skimmer if 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 R18- R24) is by boat accessible from Windmill Cove Marina and or other central & east delta marinas. Vehicle access from Roberts Island (to south) from Hwy 4. Also access from private levee roads on Rindge Tract from I-5 via 8-mile Road.

Land Access: Avoid levees when saturated unless they are paved.

On-Water Limitations: Windmill Cove Resort on Roberts Island on south side of site. Stockton harbor area marina facilities.

Facilities, Staging Areas, Command Posts, Available Equipment: Good staging site on Roberts Island to southeast at light R 32. Deployment from near side Rindge Tract and McDonald Island levees is also possible.

Communications Problems: Cell reception varies.

