

**2-917-A Site Summary - Railroad Cut****2-917-A****County:** San Joaquin **ACP Division/Segment:****NOAA Chart:** 18661 Sacramento & San Joaquin River **Map Book:** SF Bay and Delta **Decimal Degrees:** 37.93996 -121.5477**Site Description:**

This site is a pair of artificial channels (that resulted from the construction of an elevated railroad berm) on each side of the Union Pacific Railroad track. These sloughs are located between Bacon (to North) and Woodward (to South) Islands and connect Middle River and Old River. At this site shallow waters combine with emergent freshwater marsh habitat.

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

9B Vegetated low banks

**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	longfin smelt	ST		Nov-May
Fish	steelhead - Central/Northern California	FT		Nov-Apr
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
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 two-fold: first, that oil will be transported though this site to other parts of the delta; and second, that marsh islands and margins will be come oiled. These freshwater 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 sediments.

**Hazard and Restrictions:**

Vessels beware of submerged objects and shallows at margins.

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

**Strategy: 2-917.1 Objective:** Exclude / Collect oil at west ends (Old River) and deflect to collection at island levee.

**Strategy:** Depending on the oil trajectory, set deflections with 250 ft each of 9X9 Harbor boom from the railroad marsh out to the island levees north and south of the railroad. Collect oil with 50ft Oil Snare (OS), 100ft sorbent boom from the levees of Bacon or Woodward Island. 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		500	feet	
Boom	Oil Snare (pom-pom)			50	feet	
Boom	Sorbent			100	feet	
Anchor	Danforth	25 lb		5		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		

**Strategy: 2-917.2 Objective:** Exclude oil at east ends (Middle River)

**Strategy:** Deploy 400 ft of exclusionary 6X6 swamp boom across north canal, and 400 ft of exclusionary 6X6 swamp boom across south canal. Due to the strong current in Middle River, boom can be laid out at almost a 90 degree angle from the RR, straight across the canal, but parallel to the river current.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		800	feet	
Anchor	Danforth	25 lb		5		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		

**Strategy: 2-917.3 Objective:** Protection booming of marshy entire margin of railroad grade both sides

**Strategy:** Boom marsh on both sides of railroad in each canal, effectively encircling the railroad island and fringing marsh. Place swamp boom (6X6) or sorbent boom along the marshfront edge.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		15000	feet	
Anchor	Danforth	22 lb		31		
Vessel	Boom Boat			5		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			16		

**Strategy: 2-917.4 Objective:** Oil Recovery by Shoreside skimming

*Strategy:* Collect oil with a Shoreside Skimming System from the levees of Bacon or Woodward Island if oil accumulates in skimmable quantities. Consult IC prior to the 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:* This site accessible by water by proceeding south from Frank's Tract vicinity down Old River to the Union Pacific railroad crossing, the west mouth of Railroad Cut. The adjacent levee of Bacon Island provides the nearest land access.

*Land Access:* Adjacent levees can support vehicles when dry.

*On-Water Limitations:* Small punts can be put in from the levees. Boat launching facilities for larger boats can be found at Franks Tract and Discovery Bay.

*Facilities, Staging Areas, Command Posts, Available Equipment:* Staging areas can possibly be located along the south levee of Bacon Island or near the junction with Middle River.

*Communications Problems:* Cell reception varies.

