

2-735-C Site Summary - False River**2-735-C****County:** Contra Costa **ACP Division/Segment:****NOAA Chart:** 18661 Sacramento / San Joaquin River **Map Book:****Decimal Degrees:** 38.05845 -121.674**Site Description:**

False River is bounded by Bradford Island on the north bank and Jersey Island on the south bank. This site begins at its confluence with the San Joaquin River and ends at the mouth of Piper Slough. The channel is a main conduit to the central-south Delta. The channel is steep and deep and currents are strong which bears a large volume from the San Joaquin River to Frank's Tract and Old River. The channel itself is rip-rapped and sensitive site resources are primarily aquatic species.

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

8C Sheltered riprap

9B Vegetated low banks

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Birds	Swainson's hawk	FP, ST		Mar-Sep
Fish	chinook salmon - Winter-run	FE, SE		Oct-May
Fish	delta smelt	FT, SE		Mar-May
Plants	Mason's lilaeopsis	SR		Apr-Nov
Plants	Suisun marsh aster	SSSP		May-Nov
Reptiles	western pond turtle	SSC		May-Jul
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	/Dispatch, 24-hr	Bethel Island Municipal Improvement District	(925) 684-2210
E	/District Administrator	Bradford Island Reclamation District	(925) 209-5480
E	/24-hr number	Jersey Island Reclamation District	(925) 625-2279
E	/Office	North Delta Water Agency	(916) 446-0197
S	/Dispatch, 24-hr	Contra Costa County Office of the Sheriff	(925) 646-2441
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:

Concerns and Advice to Responders:

Primary concern is to prevent oil spread through this channel to interior Delta from the San Joaquin by the strong tidal currents and large volume flow. The key is to keep oil from entering the channel mouth. Within site oil control will be challenging. Concern for oiling of levees and banks is secondary.

Hazard and Restrictions:

Vessels beware of submerged objects and shallows at margins.

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

Strategy: 2-735.1 Objective: Deflection/exclusion booming at the mouth False River from the San Joaquin.

Strategy: Deploy deflection/exclusion boom at the mouth by setting 2400' 9x9+ Hboom in a shallow chevron "V" configuration. Anchor at apex and mid-boom legs to minimize entrainment. Set 500' 9X9+ Hboom upstream from mouth to redirect oil into main channel away from mouth. Deploy 400' 9X9+ Hboom downstream to intercept oil moving toward the mouth near the banks of Jersey Island. 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		3300	feet	
Boom	Oil Snare (pom-pom)			50	feet	
Boom	Sorbent			100	feet	
Anchor	Danforth	22 lb		10		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		

Strategy: 2-735.2 Objective: Back-up deflection to collection of oil which has entered False River.

Strategy: When oil is likely to enter False River, deploy 2 or more collection-exclusion booms inside the channel using a long diagonal (1500' 9x9+) to the most favorable location for land-based recovery (Jersey shore has best land access and current seems to eddy a little at southeast margin); these deployments will require 2-4 mid-boom anchors to counter catenary tendency and resultant entrainment. Use 50ft of Oil Snare (OS) and 100 ft 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		3000	feet	
Boom	Oil Snare (pom-pom)			50	feet	
Boom	Sorbent			100	feet	
Anchor	Danforth	22 lb		9		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		

Strategy: 2-735.3 Objective: Oil recovery with shoreside skimming

Strategy: Deploy shoreside skimmers if oil accumulates in skimmable quantities. Oil recovery as a result of strategy 735 .1: intercept/collect oil moving toward the mouth near the banks San Joaquin River of Jersey Island with land-based skimming. Oil recovery as a result of strategy 735.2: set shoreside skimmers on Jersey Island shore (Bradford Island shore is more difficult to support because of access.)

If these interception fail, deploy two layers of sorbent boom or Oil Snare, and evaluate self propelled skimmer(s) deployment in False River intercepts to catch by-pass.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
skimmer	self propelled			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			3		

Logistics:

Directions: Land access is by Jersey Island Road (Hwy 4 to E Cypress Rd left (N) on J I Rd) and then gated levee roads provide limited access to island margins (contact Contra Costa County Sanitary District). Access by boat from marinas on Bethel Island and at Antioch. The north levees (Bradford Island and Webb Tract) are accessible only by ferry.

Land Access: Levee roads are good when dry, avoid them when saturated.

On-Water Limitations: Boat launch and marine support at Antioch, Bethel Island and mouth of Mokelumne. Launch at Brannon Island State Park.

Facilities, Staging Areas, Command Posts, Available Equipment: Complete support facilities at Antioch and Brentwood. Lesser degree at Bethel Island and Oakley. Also support facilities at Mokelumne River. Staging is possible at Brannon Island, Mokelumne, Bethel Island, and Antioch.

Communications Problems: Cell coverage may be spotty throughout Delta.

