

2-743-A Site Summary - Sevenmile Slough**2-743-A****County:** Sacramento **ACP Division/Segment:****NOAA Chart:** 18661 Sacramento / San **Map Book:**
Joaquin River**Decimal Degrees:** 38.107315 -121.613778**Site Description:**

This site includes the shallow slough between Twitchell and Andrus Islands from the Twitchell Island bridge east of Hwy 160 to the confluence with the San Joaquin River and the tule islands at the mouth of the slough on the San Joaquin River. The first 1.5 miles are continuous with the San Joaquin River, while the central 3 miles is behind at flood gate. This site includes salt-marsh along the length of the slough, particularly the eastern end. Riparian trees and shrub-brush occur on banks and berm islands. Tule islands exist at the mouth of the slough in the San Joaquin River. The Southwest leg area has extensive marina development.

Resources at Risk:*ESI and Habitat:* 8C Sheltered riprap

9B Vegetated low banks

8B Sheltered solid man-made structures

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	qiant qarter 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	/Office	Mandeville Island Reclamation District	(209) 946-0268
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	Sacramento Co. Office of Emergency Services	(916) 875-6900
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 major concern is spread of oil into the inner reaches of the slough behind river front islands and behind the flood gates: oiling of extensive emergent salt-marshes and islands. Many marinas and boats are vulnerable as well.

Hazard and Restrictions:

Vessels beware of submerged objects and shallows at margins.

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

Strategy: 2-743.1 Objective: Exclude oil from moving into protected channels inside channel islands which front the slough mouth and protect the islands also.

Strategy: Use 6X6+ exclusion boom to close all openings between channel islands and mouths to inside channel (600') and back with sorbent boom. Front the channel islands with 6X6+ protective boom or sorbent boom (3000'). Ensure a tidal seal at shore closures. Good levee roads enable shore deployments. Close tide gate to stop flow to western portion of slough (cross road to Twitchell Island).

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		3600	feet	
Boom	Sorbent			3000	feet	
Anchor	Danforth	22 lb		8		
Vessel	Boom Boat			2		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			8		

Strategy: 2-743.2 Objective: Deflection to collection/confinement on Andrus Island shore if substantial oil patches are threatening the Andrus or Twitchell Island shoreline.

Strategy: If oil is moving along this east shoreline, then set 200' collection booms. Such booming will probably be needed at each end to deal with both ebb and slack tide movement. If a lot of oil is bypassing the collection, then deflect oil away from Sevenmile Slough and islands: 600' 6X6+ Swamp boom anchored from shore out into channel. Good levee roads enable shore deployments. Use 50ft of Oil Snare (OS), 100ft of sorbent boom to collect any oil that may accumulate. If oil accumulates in skimmable quantities contact the IC for shoreside skimming deployments per 2-743.3 per IC direction.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		1200	feet	
Boom	Oil Snare (pom-pom)			50	feet	
Boom	Sorbent			100	feet	
Anchor	Danforth	22 lb		5		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		

Strategy: 2-743.3 Objective: Oil Recovery with shoreside skimming

Strategy: Deploy skimmer if oil accumulates in skimmable quantities. Consult with 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: Take Hwy 160 to Twitchell Island levee roads (about 5 mi south of Hwy 12) or levee roads from Hwy 12 at Mokelumne River. By water, the site is accessible from local marinas.

Land Access: Good access via levees. Avoid levees when saturated.

On-Water Limitations: Boat launch available at Brannon Island State Park and marinas at Sevenmile Slough and mouth of Mokelumne.

Facilities, Staging Areas, Command Posts, Available Equipment: Brannon Island State Park is a possible IC or staging area. Diverse facilities (including space, water, power, marine support, food, sewage and some camping) at mouth of Mokelumne would support a staging area or an IC. Delta levees at site provide ready local land-water deployment.

Communications Problems: Cell reception varies throughout Delta.

