

2-783-A Site Summary - Kimball Island - Cabin Slough**2-783-A****County:** Sacramento **ACP Division/Segment:** SA - A - S03 SA - A - S08**NOAA Chart:** 18661 Sacramento & **Map Book:** **Decimal Degrees:** 38.027826 -121.817142
San Joaquin River**Site Description:**

This site includes Kimball Island, Cabin Slough, and channel and berm islands at each end of Cabin Slough. Kimball Island has low levees, but over half its area is unleveed and has finger channels into its emergent salt-marsh. Cabin Slough has channel islands throughout its length and particularly at its east mouth. The water in Cabin Slough is relatively navigable but only the north channel has a safe east exit. Both ends of Kimball island are very shallow.

Resources at Risk:

ESI and Habitat: 10A Salt - and brackish-water marshes
9B Vegetated low banks

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Fish	longfin smelt	ST		Nov-May
Fish	steelhead - Central/Northern California	FT		Nov-Apr
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	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	Contra Costa Water District	(925) 688-8374
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	/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:

Major concerns are spreading of oil into salt-marshes of Cabin Slough and penetration of oil into emergent marshes and channels at each end of Kimball Island.

Hazard and Restrictions:

Shallows, submerged obstructions, sunken vessels.

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

Strategy: 2-783.1 Objective: Exclude oil entry at westerly end of Cabin Slough - wind chop is a problem here.

Strategy: Deploy Hboom at a very acute angle to wind across the westerly mouths. Deploy 1500' 9x9+ exclusion boom from the west tip of Kimball Island northwesterly to the Sherman Island shore. Mid-reach anchoring will be necessary for effective configuration. Be sure to provide a near shore seal. Back with sorbent.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		1500	feet	
Boom	Sorbent			500	feet	
Anchor	Danforth	44 lb		6		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		

Strategy: 2-783.2 Objective: Deflection/Exclusion booming of marsh at west end of Kimball Island and fend oil past.

Strategy: From the mid-length anchor of the above boom, deploy a double layer of Swamp boom on a 3000' perimeter of the west tip marsh. Ensure a tidal seal a east boom ends.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 lb		6000	feet	
Anchor	Danforth	25 lb		13		
Vessel	Boom Boat			2		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			8		

Strategy: 2-783.3 Objective: Exclude oil at east end of Kimball Island, from penetrating marshes, channels, pockets and Cabin Slough

Strategy: Deploy a 9x9+ Hboom from the east tip of Kimball Island near Old Levee, 3500' easterly following the 10 ft. depth contour to the Sherman Island Bank. As oil impacts site watch carefully to assess need for backup exclusion booming across slough mouths. Place sorbent boom across slough mouths.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		3500	feet	
Boom	Sorbent			600		
Anchor	Danforth	25 lb		8		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			8		

Logistics:

Directions: There is no land access. The site is across the river from Antioch Marina.

Land Access: The only access is by vessel.

On-Water Limitations: Very shallow with obstructions. Launch at Antioch Marina.

Facilities, Staging Areas, Command Posts, Available Equipment: Staging and facilities are available at Antioch Marina or Pittsburg Waterfront.

Communications Problems: Good cell reception in area.

