

2-850-A Site Summary - Cache Slough**2-850-A****County:** Solano **ACP Division/Segment:****NOAA Chart:** 18662 SACRAMENTO RIVER **Map Book:****Decimal Degrees:** 38.236615 -121.682392**Site Description:**

Site extends from the mouth of the Sacramento River Deep Water Channel about 8 miles to its terminus with additional river miles of smaller sloughs (Haas Slough and Shag Slough) and many minor sloughs and marshes (20+ miles total). This meandering, freshwater marsh, dead-end slough has rich riparian growth throughout its length including channel islands. Both banks are leveed and rip-rapped in places. It has many shallows and snags. This habitat is rich in aquatic, freshwater marsh and terrestrial life.

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

9B Vegetated low banks

10B Freshwater marshes

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Birds	migratory waterfowl	FP		
Fish	delta smelt	FT, SE		Mar-May
Fish	chinook salmon - Winter-run	FE, SE		Oct-May
Fish	steelhead - Central/Northern California	FT		Nov-Apr
Fish	longfin smelt	ST		Nov-May
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	/Office	North Delta Water Agency	(916) 446-0197
E	/Office	Ryer Island Reclamation District	(209) 946-0268
E	/Manager	Solano County Water Agency	(707) 455-1105
O	/Operations	California Department of Water Resources	(916) 574-2714
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:

This sensitive site is best protected by excluding oil from entering by exclusion booming and deflection to collection near mouth. Infiltration of oil into wetlands and penetration into levees, riprap, and banks.

Hazard and Restrictions:

Aerial traffic beware of overhead powerlines. Watercraft beware of snags and shallows. Pedestrian hazards include: Poison Oak, riprap, and dense vegetation.

Site Strategies:**Site Validation Level: III**

Strategy: 2-850.1 Objective: Deflection/exclusion to keep oil in main ship channel and prevent oil from entering reaches of upper Cache, Miner, Prospect, and Lindsey Sloughs.

Strategy: a. Power down water transfer pumps upstream in Lindsey Slough (at Barker Slough - DWR.)
b. Deploy deflection boom keep oil in Ship Channel. From inside the Deep Water Channel mouth, lay 9X9+ Hboom in a shallow chevron parallel to the Ship Channel and across upper Cache on the west and Miner Slough on the east.

Table of Response Resources

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

Strategy: 2-850.2 Objective: Exclusion/to confinement/collection across Cache Slough at Prospect Slough mouth. Create collection pocket on river right shoreline.

Strategy: Cascade 3 legs (800, 800, 900ft) of 2500' 6X6+ Sboom across Cache Slough to exclude oil from entering upper sloughs and direct it to shore for collection. Cascade each leg to allow vessel traffic passage. Anchor near shore with overlap of north bank and trailing boom ends to maintain tidal seal. Use 50ft of Oil Snare (OS), 100ft of sorbent boom to collect oil that may accumulate. Water depth ranges up to 80 ft.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp Boom	6x6 inch		2500	feet	<i>Strategy Updated: Last Test: 3/5/2020</i>
Boom	Oil Snare (pom-pom)			50	feet	
Boom	Sorbent			100	feet	
Anchor	Danforth	40 lb		10		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			2		
Staff	Staff to Deploy			8		

Strategy: 2-850.3 Objective: Exclusion boom at Lindsey Slough mouth

Strategy: Deploy 1200' 9x9+ Hboom from north ferry cable-ferry landing at mouth of Prospect Slough diagonally west across Cache Slough to the levee near the mouth of Lindsey Slough. Anchor near shore leaving, trailing boom ends to maintain tidal seal. If conditions permit, collect oil with on the south levee. Use 50ft of Oil Snare (OS), 100ft of sorbent boom to collect oil that may accumulate. Execute Prospect Slough strategy.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		1200	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: 2-850.4 Objective: Oil Recovery by Shoreside skimming

Strategy: Deploy skimmers if oil accumulates in skimmable quantities. Collect oil with land-based skimmer on the south levee, back with sorbent if oil presence is great as a result of strategy .2. Oil collection with a land based skimmer may also be used to collect oil as a result of strategy .3. Consult with IC prior to 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: Vehicle access to the mouth is levee road 6 miles north from Rio Vista via Hwy 84. Levee roads are less accessible thru locked gates from Reclamation District or DWR. By water from Rio Vista north up the Sacramento River and lower Cache Slough to the mouth of the Sacramento Deep Water Ship Channel.

Land Access: Access via levees when dry, avoid when saturated.

On-Water Limitations: Private boat launch on east side (near Miner Slough Mouth) but needs to be cleared prior to use. Real McCoy Ferry (Hwy 84) can be used as a launch site. Launch, moorage and fuel are also available at Steamboat Slough and City of Rio Vista.

Facilities, Staging Areas, Command Posts, Available Equipment: Real McCoy Ferry has large deployment site. Rio Vista has a full range of support facilities.

Communications Problems: Cell reception may vary pending your location.

