

County: Solano**ACP Division/Segment:****NOAA Chart:** 18661 Sacramento & San Joaquin River**Map Book:****Decimal Degrees:** 38.178558 -121.662426**Site Description:**

Site extends from the Rio Vista Bridge up the Sacramento river past the tip of Grand Island (G1) to the Isleton Bridge (approx 14 miles). This wide riverine habitat is confined between leveed banks. The lower portion has been identified by DFW as having extraordinary habitat values. Uplands are trees and shrubs including many mature trees. Water margins are shallow and salt-marsh with some extensive emergent patches particularly near the mouth, where there is an extensive emergent salt-marsh habitat just downstream from Grand Island. There are two islands (Long & Ida) in the reach which have been developed as residences or marina/mobile parks, but most of the shoreline is undeveloped and natural.

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

5 Mixed sand and gravel beaches

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
Fish	longfin smelt	ST		Nov-May
Fish	steelhead - Central/Northern California	FT		Nov-Apr
Plants	Mason's lilaeopsis	SR		Apr-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	/Office	North Delta Water Agency	(916) 446-0197
E	/Manager	Solano County Water Agency	(707) 455-1105
E	/Office	South Delta Water Agency	(209) 224-5854
O	/Dispatch, 24-hr	California Department of Water Resources	(916) 574-2714
O	/Dispatch, 24-hr	Rio Vista Police	(707) 374-2300
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:

Other sensitive species to be aware of include: Sacramento anthicid beetle, Antioch Dunes anthicid beetle, delta tule pea, and Suisun marsh aster.

Concerns and Advice to Responders:

Infiltration of oil into thick riparian habitat and emergent salt-marshes. Beaver and other animal burrows may be present.

Hazard and Restrictions:

Roads are narrow and winding with narrow shoulders and low visibility curves in spots, and traffic on Hwy 160 (east levee) is fast and poses hazards: traffic control should be implemented at this site. Channel margins have thick vegetation, shallows and soft bottoms. Aerial traffic beware of occasional powerlines overhead.

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

Strategy: 2-810.1 Objective: Deflection to Collection at the east bank to keep oil in main deep-water channel and out of Sacramento River mouth.

Strategy: 1. Deploy 3 deflection booms (3000' 9x9+ each) in Cache Slough upstream from Grand Island tip to divert oil to main channel and keep it away from marsh areas at Grand Island tip.

2. Set a wide chevron of boom (4000' 9x9+ curtain boom) pointing downstream for flood tide. One wing will divert oil near east shore to a collection point just upstream from Das Cliff Haus at the county day use site; the other wing will divert oil on open water into main channel and away from the marshes at the tip of Grand Island.

3. Use 50ft of Oil Snare (OS), 100ft of sorbent boom to collect any oil that may accumulate. If oil collects in skimmable quantities, contact IC.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		13000	feet	
Boom	Oil Snare (pom-pom)			50	feet	
Boom	Sorbent			100	feet	
Anchor	Danforth	40 lb		30		
Vessel	Boom Boat			5		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			16		

Strategy: 2-810.2 Objective: Exclusion to collection at southeast bank opposite Grand Island tip (at mouth) .

Strategy: Deploy 1500' 9x9+ exclusion-collection boom from tip of Grand Island upstream and across to small sandy beach on Brannon Island shore (at the curve of Hwy 160). Line the marsh downstream with 3000' 6X6+ of protective boom. If there is much wind chop, both will need to be backed with sorbent boom.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		1500	feet	
Boom	Swamp	6x6 inch		3000	feet	
Anchor	Danforth	22 lb		12		
Vessel	Boom Boat			2		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			8		

Strategy: 2-810.3 Objective: Oil Recovery by Shoreside skimming

Strategy: Deploy skimmers if oil accumulates in skimmable quantities as a result of strategy .1 and/or .2. Establish land-based skimming at beach if oil accumulates as a result of strategy .2. 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			2		
Staff	Staff to Deploy			6		

Logistics:

Directions: Via water, the site begins at the Rio Vista Bridge and branches off the Sacramento Deep Water Ship Channel at Cache Slough, following the easterly shoreline to the Isleton Bridge. By vehicle, Hwy 160 runs along the east levee from Hwy 12 to the Isleton bridge.

Land Access: Access to levees via HWY 160.

On-Water Limitations: Hidden Harbor, Vieira's Resort, Isleton Boat Ramp and Das Cliff Haus have launching, fuel, moorage and limited marine service. There is a free public launch and parking area at the mouth of this site.

Facilities, Staging Areas, Command Posts, Available Equipment: This Wildlife Conservation Board access site opposite the tip of Grand Island along Hwy 160 would serve well as a local deployment site. The major deployment site would still remain either the Ryer Island ferry landing (Hwy 84) on deep water channel above Steamboat Slough or Rio Vista. Rio Vista is the nearest locale with full support services, food, lodging, emergency service, marine repair, etc.

Communications Problems: Cell reception varies.

