

2-770-A Site Summary - Chain Island**2-770-A****County:** Sacramento **ACP Division/Segment:** SO - Q - S09 SO - Q - S10**NOAA Chart:** SUISUN BAY
18652/18656**Map Book:****Decimal Degrees:** 38.069496 -121.853818**Site Description:**

This small salt-marsh island is located at the mouth of Montezuma Slough (east mouth) near the confluence of the Sacramento and San Joaquin Rivers. The island has low levees around its perimeter. However, the site is a silt accreting site and extensive mud flats surround the island and emergent salt-marsh has extended well beyond the original margin of the island. The surrounding water is extremely shallow.

Resources at Risk:*ESI and Habitat:* 10A Salt - and brackish-water marshes

9B Vegetated low banks

5 Mixed sand and gravel beaches

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Fish	longfin smelt	ST		Nov-May
Fish	steelhead - Central/Northern California	FT		Nov-April
Fish	delta smelt	FT, SE		Mar-May
Mammals	salt-marsh harvest mouse	FE, SE		
Plants	Mason's lilaeopsis	SR		Apr-Nov
Plants	Suisun marsh aster	SSSP		May-Nov
Plants	Delta tule pea	SSSP		May-July
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
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:

There are extensive tidal salt-marshes at each end of the island. The objective is to protect marsh from oil penetration into emergent marshes AT EACH END and perimeter. Endangered species occur here: responders should minimize disturbance of salt-marsh vegetation and avoid tracking oil into marshes and sediments.

Hazard and Restrictions:

Extreme shallows based on tidal range.

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

Strategy: 2-770.1 Objective: Deflect oil away from the emergent marshes at each end and away from the Island.

Strategy: Deploy chevrons of protective boom at each end of the island at about the 5 ft. depth contours to fend oil past the island. Chevrons should be 1500' on each leg and well anchored at each apex. Run sorbent or swamp boom from the tips of the chevron to shore to stop oil from getting behind the boom. Boom remaining exposed island flanks with sorbent or swamp boom.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		6000	feet	
Boom	Swamp	6x6 inch		4500	feet	
Anchor	Danforth	22 lb		28		
Vessel	Boom Boat			4		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			14		

Logistics:

Directions: Water access only: site is one mile north of Pittsburg Marina.

Land Access: Access by vessel only.

On-Water Limitations: Boat launch is available at South Shore (Contra Costa) locations including Pittsburg, Antioch, and Bay Point Marinas. Water is very shallow near shorelines.

Facilities, Staging Areas, Command Posts, Available Equipment: There are various staging and facilities along the south shore. Collinsville has limited facilities but would be a good local deployment site.

Communications Problems: Cell reception varies in area.

