

2-752-A Site Summary - Chips Island, Southern Side**2-752-A****County:** Solano **ACP Division/Segment:** SO - P - S01**NOAA Chart:** SUISUN BAY
18652/18656**Map Book:****Decimal Degrees:** 38.050777 -121.913713**Site Description:**

This site is the southerly exposure of Chips Island to Suisun Bay and all the associated interior island channels. The entire margin of the island is emergent saline marsh. Some exposed portions are eroding but most margins are accreting. There are about a dozen pockets and inlets along this two mile length of shoreline. Some of these openings lead to extensive inner channels or to interiors of salt-marshes. These are paths which, if left open, would permit widespread impacts. This is excellent salt-marsh habitat for a wide variety of marsh species including several Special Status Species.

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

9B Vegetated low banks

9A Sheltered tidal flats

List of Resources at Risk:

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

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
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:

Beware of submerged hazards near shorelines.

Concerns and Advice to Responders:

Primary concern is oil entering the interior marsh channels (which parallels the island margin) and interior marshes. Oiling of emergent salt-marshes and banks on outer margins is secondary concern. Avoid trampling vegetation: small endangered plants and animals are present.

Hazard and Restrictions:

Vessels beware of submerged objects and shallows at margins.

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

Strategy: 2-752.1 Objective: Exclude oil from entering inner channels and marshes by exclusion booming of the openings of the outer levee.

Strategy: Place 6X6+ Sboom across each of the 9 openings. Anchor near shore but leave a trailing end to maintain tidal seal. Use 300' Harbor boom (9X9) or double boom or back with sorbent to catch escaping oil for west tip where wind chop is likely to lift oil over the boom flotation.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		300	feet	
Boom	Swamp	6x6 inch		1200	feet	
Boom	Sorbent			300	feet	
Anchor	Danforth	22		18		
Vessel	Boom Boat			1		
Vessel	Skiff			1		
Staff	Staff to Deploy			5		

Strategy: 2-752.2 Objective: Protect emergent marsh at east tip and pocket cove near west tip against oil penetration

Strategy: This strategy is based on the predominant winds which blow waves away from this shore rather than onto it: if waves are from the south or southwest, larger boom (9x9+) and double booming will be necessary. Under mild wind exposures, lay 600 ft of 6X6+ Sboom across pocket cove mouth which is 1000 ft east of west end. Lay 2500 ft of 6X6 Sboom from east tip to west along the edge of the emergent vegetation and shore: (this protective boom should be linked to protective strategy for Spoonbill Creek east mouth). Run boom ends landward to complete a tidal seal.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		3100	feet	
Anchor	Danforth	22 lb		7		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		

Logistics:

Directions: Site has only water access. Water access is one mile west from Pittsburg or 2 miles east of McAvoy's.

Land Access: Access to shoreline is by vessel only.

On-Water Limitations: Launch and complete marina facilities are available at Harris' or McAvoy's Marinas 2 miles west, and at Pittsburg Marina and public ramp to east.

Facilities, Staging Areas, Command Posts, Available Equipment: Both Pittsburg and Harris' or McAvoy's provide excellent staging or deployment sites. Diverse facilities are available at both. Security can be an issue at Pittsburg.

Communications Problems: Cell coverage may be spotty.

