

2-712-A Site Summary - Winter Island**2-712-A****County:** Contra Costa **ACP Division/Segment:** CC - I - S023 CC - I - S025**NOAA Chart:** 18656 Suisun Bay**Map Book:****Decimal Degrees:** 38.042834 -121.849541**Site Description:**

This site includes the leveed island, surrounding berm and channel islands and the accreting, unleveed salt-marsh at the northern tip (Point San Joaquin) and the mudflats to the west of the tip. This island is flooded in the interior and has unregulated exchange through a tide gate. The interior of the island is emergent tule marsh. The levees and surrounding berm and channel islands are vegetated with shrub-scrub and emergent marsh; most are suffering from wave erosion. The northern tip (Point San Joaquin) is an accreting emergent salt-marsh. This tip and the pocket at the northwest end of the main island are natural wind catchment sites.

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

9B Vegetated low banks

8A Sheltered scarps in bedrock, mud, or clay

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
Fish	delta smelt	FT, SE		Mar-May
Mammals	salt-marsh harvest mouse	FE, SE		
Plants	Mason's lilaeopsis	SR		Apr-Nov
Plants	Delta tule pea	SSSP		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
S	/Dispatch, 24-hr	Contra Costa County Office of the Sheriff	(925) 646-2441
T	/Environmental Program Manager	CA Dept. of Fish & Wildlife, Bay Delta Region	(707) 576-2837
T	/Oil Spill Point of Contact	NOAA National Marine Fisheries Service	(707) 480-3496
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:

Emergent wetlands are extremely vulnerable to oil with poor hope for cleanup. Potential for penetration of mudflats and berms via animal burrows.

Hazard and Restrictions:

Vessels beware of submerged objects and shallows at margins.

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

Strategy: 2-712.1 Objective: Extend exclusion-deflection chevron to fend past Pt. San Joaquin Marsh and Mudflats from oil threats from the west

Strategy: Deploy 3500 ft. of 9x9+ Hboom from the tip of Pt. San Joaquin westerly along the 4 ft. depth contour at the north westerly margin of the mudflat. Deploy a second 2500 ft. of 9x9+ Hboom leg from the collection pocket east of the mouth of middle slough (2-710 see Browns Island) northwest to connect with the first boom leg.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		6000	feet	
Anchor	Danforth	22 lb		13		
Vessel	Boom Boat			2		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			8		

Strategy: 2-712.2 Objective: Exclusion for oil threats from east- exclude oil entry to north cross channel and easterly barrow channel with small boom segments.

Strategy: Block openings to small channels with exclusion boom segments.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		700	feet	
Anchor	Danforth	22 lb		4		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		

Logistics:

Directions: No land Access. Water access: Winter Island is a mile east of Pittsburg Marina and a mile west from Antioch Marina.

Land Access: Access by vessel only.

On-Water Limitations: Very shallow near shoreline, expect submerged obstacles. Boat launch nearby at Pittsburg and Antioch Marinas, and at public ramps.

Facilities, Staging Areas, Command Posts, Available Equipment: Good staging and facilities at both Antioch and Pittsburg marinas.

Communications Problems: Good cell reception.

