

**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. Winter island is flooded in the interior and has unregulated exchange through a tide gate. The interior of the island is emergent tule salt-marsh. The levees and surrounding berm and channel islands are vegetated with 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

9A Sheltered tidal flats

**List of Resources at Risk:**

	Resource Name	Status	Presence	Sensitivity
Birds	California black rail	FP, ST	Year-round	Mar-Aug
Fish	longfin smelt	ST	Year-round	Nov-May
Fish	steelhead - Central/Northern California	FT	Year-round	Nov-Apr
Fish	delta smelt	FT, SE	Year-round	Mar-May
Mammals	salt-marsh harvest mouse	FE, SE	Year-round	
Plants	Mason's lilaeopsis	SR	Year-round	Apr-Nov
Plants	Delta tule pea	SSSP	Year-round	May-Jul
Reptiles	giant garter snake	FT, ST	Year-round	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	/Agency Representative	NOAA National Marine Fisheries Service	(707) 575-6050
T	/Restoration Ecologist	US Department of Agriculture	(530) 304-2304
T	/Spill Response Coordinator	US Fish and Wildlife Service, Bay-Delta Office	(479) 233-9241

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 and very difficult to clean. Potential for oil penetration into mudflats and berms via animal burrows.

**Hazard and Restrictions:**

Vessels beware of submerged hazards 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.

