

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 thru the north to south open ended longitudinal slough. The interior of the island is primarily 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 lilaepsis	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: III

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 both north & south openings into the longitudinal slough with small boom segments.

Strategy: Block mouth of cross channel suing 500 ft Harbor boom and both north & south openings into the longitudinal slough with 250 ft Hboom (north & south) boom segments (grand total of 1000 ft Hboom).

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom	6x6 inch		1000	feet	<i>Strategy Updated: 2/26/2025</i>
Anchor	Danforth	25 lb		7		<i>Last Test: 10/23/2024</i>
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

Land Access: Access by vessel only.

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

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

Communications Problems: Good cell reception.

