

2-668-A Site Summary - Dutton Island**2-668-A****County:** Solano **ACP Division/Segment:** SO - F - S011 SO - O - S001**NOAA Chart:** 18656 Suisun Bay/Roe **Map Book:** **Decimal Degrees:** 38.079537 -121.971794
Island & vicinity**Site Description:**

This site includes the salt-marsh islands off the mouth of Noyce Slough at the west edge of Dutton Island and east to include the mouth of Champion Slough. The property owners are the Grey Island Duck Club and the Wheeler Island Duck Club. The inner levee is rip-rapped with intermittent emergent salt-marsh. The levee is fronted with either a barrow channel or historic slough channels leaving an intermittent border of emergent marsh berm islands. These inlands and sloughs have extensive emergent undiked salt-marsh and convoluted perimeters with habitat varying from pristine to high quality (>5 miles). Multiple private duck club docks are present.

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

9B Vegetated low banks

6B Riprap

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Birds	Suisun song sparrow	FP, SSC		Mar-Jul
Birds	California black rail	FP, ST		Mar-Aug
Birds	migratory waterfowl	FP		
Fish	longfin smelt	ST		Nov-May
Fish	delta smelt	FT, SE		Mar-May
Plants	Mason's lilaeopsis	SR		Apr-Nov
Plants	Suisun marsh aster	SSSP		May-Nov
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
O	/Office	Suisun Resource Conservation District	(707) 425-9302
T	/Environmental Program Manager	CA Dept. of Fish & Wildlife, Bay Delta Region	(707) 576-2837
T	/Wildlife Area Manager	CA Dept. of Fish & Wildlife, Grizzly Island WR	(707) 738-3485
T	/Oil Spill Point of Contact	NOAA National Marine Fisheries Service	(707) 480-3496
T	/Restoration Ecologist	US Department of Agriculture	(530) 304-2304

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:

This locale is important both because it is a point where oil threatening to move into Honker Bay can be intercepted and directed to shore collection, and also because there are extensive salt-marsh islands and channels. Prime concern is intercepting oil threat to Honker Bay. Secondary issue is closing off side channels and marshes. Responders should minimize trampling of marsh and tracking oil into marshes and sediments. Small endangered plant species are underfoot.

Hazard and Restrictions:

There are shallows and obstructions along shore and inside the barrow channels.

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

Strategy: 2-668.1 Objective: Exclude oil from entering barrow channels and slough entrances.

Strategy: There are 2 openings at the east end (a: Noyce Sl): 600' 6X6+ Sboom and 3X(50' 6X6+) for the levee channel (beware of rocks). Verify that the westerly barrow channel has been blocked with 50' 6X6+ (opposite Freeman Isl per Simmons Island SS). Champion Slough exclusion requires 1000' 6X6+ at levee channel (b) just east of duck club pier and 600' and 100' 6X6+ at opening at east extreme mouth.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		2500	feet	
Anchor	Danforth	22 lb				
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		

Strategy: 2-668.2 Objective: Exclude by Diversion to Collect at shore line: If heavy oil is threatening Honker Bay and shorelines

Strategy: Deploy exclusion/deflection boom at the best angle to divert oil out of Suisun Cutoff to Dutton Isl shoreline for shoreside skimming system (SSS) recovery. Depending on prevailing winds, plan shoreside recovery location either (a) at levee east of mouth of Noyce Slough (opposite Freeman Isle) or less preferable (b) at the duck club (opposite Snag). Deploy 1500' 9x9+ Hboom in a favorable array and angle to direct oil out of swift current to quiet shore waters. Cascade as necessary. Repeat if oil is likely to escape (a second length of 1500 ft of boom would be needed). Channel is deep and currents are strong: very good anchoring skills are key to the success of this deployment.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		1500	feet	
Anchor	Danforth	22 lb		5		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
skimmer	shoreside			1		
Staff	Staff to Deploy			7		

Strategy: 2-668.3 Objective: Protective booming of shoreline: When prevailing wind and oil threatens to overwhelm these measures, exclusion boom to protect shoreline especially easterly.

Strategy: If forgoing strategies are inadequate to keep oil off marshes, deploy exclusion booming around threatened marshfronts: this strategy can be found in Potential Oil-Spill Protection Strategies for San Francisco Bay, California. (Hayes and Montelo, 1994).

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		6000	feet	
Anchor	Danforth	22 lb		13		
Vessel	Boom Boat			2		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			8		

Logistics:

Directions: Land access is from the private levee roads along the bay. They may be reached from Hwy 12 in Suisun City, then south on Grizzly Island road to Grizzly Island Wildlife Refuge. For further access and entry, contact Grizzly Island Wildlife Refuge or Suisun Resource Conservation District staff. Nearest boat access is 3 miles southeast at McAvoy's Marina, Bay Point (9 miles to Martinez, 7 miles to Pittsburg).

Land Access: Access only when levee's are dry.

On-Water Limitations: Very shallow nearshore, beware of submerged obstructions. Launch at McAvoy/Harris Marina at Bay Point. Pittsburg Marina. Martinez Marina.

Facilities, Staging Areas, Command Posts, Available Equipment: The duck clubs have power and good small boat docking facilities. By their permission, staging may be possible there. Otherwise stage at Grizzly Island Wildlife Refuge for land based resources. Stage at either McAvoy's, Bay Point, Pittsburg or Martinez Marinas.

Communications Problems: Good cell reception.

