

2-378-A Site Summary - Mallard Slough**2-378-A****County:** Santa Clara **ACP Division/Segment:** AL - L - S002**NOAA Chart:** 18654 San Francisco
Bay Southern Part**Map Book:****Decimal Degrees:** 37.46422 -121.990514**Site Description:**

Mallard Slough is a tributary to Coyote Creek (site 2-346) in the extreme southern end of South San Francisco Bay. It extends from its confluence with Coyote Creek upstream to the outfall of the San Jose Sewage Treatment Plant (STP). Mallard Slough has both fresh and brackish marshes along its banks due to the freshwater input from the San Jose STP (the largest freshwater source for South San Francisco Bay). This freshwater inflow maintains brackish conditions for most of Coyote Creek. The slough is mostly leveed, resulting in fringe marshes along the banks. Cargill salt evaporation ponds flank the slough, and the STP and urban development form its headwaters. The majority of the Mallard Slough is in South San Francisco Bay National Wildlife Refuge (USFWS).

Resources at Risk:*ESI and Habitat:* 9B Vegetated low banks

8C Sheltered riprap

10A Salt - and brackish-water marshes

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Birds	California Ridgeway's rail	FE, SE	Year-round	Feb-Aug
Birds	Western snowy plover	FT, SSC	Year-round	Mar-Oct
Birds	California black rail	FP, ST	Year-round	Mar-Aug
Fish	longfin smelt	ST	Year-round	Nov-May
Mammals	salt-marsh harvest mouse	FE, SE	Year-round	
Plants	California seablite	FE, SSSP	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
E	/Supervisor	Cargill Salt	(641) 670-0654
O	/Office	Point Blue Conservation Science	(707) 781-2555
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:

A wide variety of bird species utilize this area.

Concerns and Advice to Responders:

Concern is to exclude oil from entering the slough. If oil enters the slough and oils marshes, stay out of the slough. Activity should proceed only with presence of US Fish and Wildlife experts since this is an important nesting area for herons, especially in April through August: there could be severe impacts from cleanup activity.

Hazard and Restrictions:

Vessels should be aware of shallow water: Mud Slough is silted in, so access it difficult depending on tidal height.

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

Strategy: 2-378.1 Objective: Exclusion booming at mouth Coyote Creek. Collect oil at Coyote Creek/Alviso Slough.

Strategy: a. In addition to on water skimming near mouth of Coyote Creek and near powerline towers, place 2 lines of deflection 9X9+ Hboom (2 X 1000) across Mud Slough from north bank to point of land between channels.

b. In Coyote Creek, near confluence with Mud Slough, use deflection 9X9+ Hboom (1500ft) from both banks to center of channel to skimmer. NOTE: Mud Slough is silted in at low tide and inaccessible to deep draft vessels. The current tends to flow past Mud Slough and continues up Coyote Creek.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		3500	feet	
Anchor	Danforth	22 lb		9		
Vessel	Boom Boat			2		
Vessel	Skiff or Punt			2		
skimmer	self propelled			1		
Staff	Staff to Deploy			12		

Logistics:

Directions: Foot and vehicle access: contact SF Bay National Wildlife Refuge. Boat access: approach via Coyote Creek or from Alviso Boat Launch in Alviso Slough.

Land Access: Levee roads can support a wide variety of vehicles during dry months.

On-Water Limitations: Very shallow water. Only small boats can be launched from levees. Nearest boat ramp is at 1195 Hope St Alviso, CA 95002 or Redwood City Harbor.

Facilities, Staging Areas, Command Posts, Available Equipment: From adjacent levees or Redwood City Harbor.

Communications Problems: Good cell reception throughout.

