

County: **Santa Clara**
 USGS Quad: **Milpitas**

Thomas Guide Location

Latitude N

Longitude W

37 27.0

121 58.0

NOAA Chart: **18654 San Francisco Bay Southern Part**

Last Page Update : 7/1/1995

SITE DESCRIPTION:

This slough is a tributary of Coyote Creek (2-346) in the extreme 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 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 leveed, resulting in strip marshes along the banks. Cargill salt evaporation ponds flank the slough, and the STP and urban development form its headwaters. Most of the slough is in South San Francisco Bay National Wildlife Refuge.

SEASONAL and SPECIAL RESOURCE CONCERN

This slough has "A" priority throughout the year; however, it is most vulnerable from 1 April through 31 August when herons are nesting: egrets and ibises build nests in the tules.

RESOURCES OF PRIMARY CONCERN

This shallow slough is fringed with emergent brackish and freshwater marsh, with shallow fronting mudflats.

This is an important rookery for herons and egrets. Over 700 pairs of the following birds nest in the area: Snowy Egrets, Great Egrets, Black-crowned Night herons, Little Blue heron, White-faced ibis.

The sloughs and mudflats are important habitat for fish, shellfish and infauna.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

There are probably historic and cultural sites present. Contact the California Dept of Parks and Recreation - Office of Historic Preservation (Eric Allison -(916) 653-9125), and the Northwest Information Center, (Bryan Much, Sonoma State College ((707) 332-1117)) for specific information on historic or cultural resources in this area.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O		San Jose Public Works Dept	(408) 535-8300
T	Joy Albertson	US Fish & Wildlife Service, SF Bay (NWR)	(510) 792-0222
E/O	Pat Metelli	Cargill Salt	(510) 790-8610
E/T	Eric Mruz Mgr - Don Edwards NWR	US Fish & Wildlife Service, SF Bay (NWR)	(510) 792-0222

ADDITIONAL SITE SUMMARY COMMENTS:

2-378 -A Site Strategy - Mallard Slough

County and Thomas Guide Location

Santa Clara

NOAA CHART

18654 San Francisco Bay Southern Part

2-378 -A

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CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

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.

HAZARDS and RESTRICTIONS:

Vessels should be aware of shallow water: Mud Slough is silted in - no access.

SITE STRATEGIES

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

- 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 boats. The current tends to flow past Mud Slough and continues up Coyote Creek.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
2-378.1	3500				9 9/22+/danforth	2	2	1 SPS		14	

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Foot and vehicle access: contact SF Bay National Wildlife Refuge. Boat access: approach via Coyote Creek. This slough is a tributary of Coyote Creek (2-346) in the extreme 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).

LAND ACCESS: Levee roads can support a wide variety of vehicles during dry months.

WATER LOGISTICS: Very shallow water

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Only small boats can be launched from levees. Nearest boat ramp is at Redwood City Harbor.

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

From adjacent levees or Redwood City Harbor.

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:

