

2-695 -A Site Summary- Suisun Marsh North: Denverton / Nurse Sl Drainage 2-695 -A

County: **Solano** Thomas Guide Location Latitude N Longitude W
 USGS Quad: **Denverton** 3 8 11 121 55
 NOAA Chart: **SUISUN BAY 18652/18656**

Last Page Update : 10/5/1997

SITE DESCRIPTION:

This site extends upstream from the mouth of Nurse Slough on Montezuma Slough and includes Denverton and Luco Sloughs and all the marshy areas and sloughs tributary. This site includes about one sixth of Suisun Marsh which is about 50% of SF Bay marshland. It is diked and partially diked salt marsh with emergent tule marsh on slough margins. Some locales are in natural historic condition. Many Special Status Species are present. Most of the land is private duck clubs but a few sites are in public ownership.

SEASONAL and SPECIAL RESOURCE CONCERN

This marsh has A-level protection priority at all times.

RESOURCES OF PRIMARY CONCERN

This extensive salt marsh has a A-protection priority. It ranks among the most valuable sites in California. It is saltgrass, pickleweed, and tule/sedge dominated. There are also upland areas which harbor remnant communities of native plants.

Extensive waterfowl, shorebirds and marsh birds use of this area for feeding and resting. Special Status bird species include Suisun song sparrow.

Special Status mammal: saltmarsh harvest mouse. There is a full range of semi-aquatic species inhabiting this area including muskrat, beaver, river otter, mink.

These waterways are nursery and smolting areas for a wide variety of fish stocks and several Special Status Species: Delta Smelt, Sacramento splittail, Winter-run Chinook.

A large number of Special Status plant species occur here including Suisun marsh aster, Delta tule pea and Mason's lilaeopsis.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

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
TBELO	Grizzly Isl W/L Refuge	CA Dept. of Fish & Wildlife	(707) 425-3828
	Eric Larson	CA Dept. of Fish & Wildlife, Bay/Delta	(707) 944-5528

ADDITIONAL SITE SUMMARY COMMENTS:

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

Primary concern is to halt movement of oil into or out of the sloughs. The strategies are intended to "box" oil into a minimal exposure of channel and marsh. The marsh here and the marshy margins are full of plant and animal species which could be harmed by oil. Response activities can harm wildlife and plants as well. Keep in mind that there are endangered plants and animals under foot. Avoid tromping oil into soft ground.

HAZARDS and RESTRICTIONS:

There are shallows throughout the sloughs.

SITE STRATEGIES

Strategy 2-695.1 Objective: Confine/Exclude - Minimize spread of oil through channels: use multiple diversion booms to collection sites, and close side channels.

This is a generic spill response strategy since it is not possible to predict the exact location of a spill origin, and a pipeline corridor lies on the east side of the site: Locate oil threat and set booms across sloughs above and below oil slick at a sufficient diagonal to avoid entrainment. Include extra length and midpoint anchoring to account severe tidal fluctuations. Repeat to ensure capture. Set up collection with shoreside skimming at best available locale with land access if possible. Otherwise use waterbased skimmers with booms anchored to shoreline.

Also, close any and all nearby slough mouths and branches, particularly Honker Cut and Connection Slough which would permit oil spreading to Montezuma Slough.

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 kinds	comment	staff deploy	Staff tend
2-695.1	0	2000			16	16/22+/danforths	3	6	4	portable	Bboat: shallow draft; 1 hovercraft		21	

LOGISTICS

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

This area is very inaccessible. There is limited land access via private duck club and military roads accessed from Hwy 12 to Shiloh Road (to the easterly edge) and Grizzly Island Road. Water access is from Montezuma Slough via Nurse Slough. This site extends upstream from the mouth of Nurse Slough on Montezuma Slough and includes Denverton and Luco Sloughs and all the marshy areas and sloughs tributary.

LAND ACCESS: MOSTLY FOOT, ATV, DEPENDING ON LOCATION

WATER LOGISTICS: EXTREME SHALLOW DRAFT AT LOWER TIDES

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: There is Beldon's Landing and a minimal boat ramp on Grizzly Island (parking lot 7) near Meins Landing. Otherwise, Suisun City marinas, Pittsburg, Martinez / Benicia and Pierce Harbor marinas.

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

Deploy from Suisun City, Martinez Marina, Benicia Marina or Pittsburg Marina. All the above may provide adequate support for field post, as may Grizzly Island Wildlife Refuge.

COMMUNICATIONS PROBLEMS: none known

ADDITIONAL OPERATIONAL COMMENTS:

