

2-680 -A Site Summary- Suisun Marsh West: Suisun Slough Drainage**2-680 -A**County: **Solano**

Thomas Guide Location

Latitude N
3 8 10Longitude W
122 05USGS Quad: **Benicia/Vine Hill/Fairfield/Cordelia**NOAA Chart: **SUISUN BAY 18657/18652**

Last Page Update : 10/5/1997

SITE DESCRIPTION:

This site extends upstream from the mouth at Grizzly Bay and includes all the marshy areas and sloughs which are tributary including Goodyear Slough, Cordelia Slough, Wells Slough, Pelfier Slough, Shelldrake Slough, Boynton Slough, Peytonia Slough, Hill Slough, Cutoff Slough. Site is within the following State Marine Protected Area: Peytonia Slough State Marine Park. This site includes about one third 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 large tracts are in public ownership including California State wildlife refuges.

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.

Extensive waterfowl, shorebirds and marsh birds use of this area for feeding and resting. Special Status bird species here include California clapper rail, black rail, Suisun song sparrow, and Suisun common yellowthroat.

Special Status animals: saltmarsh harvest mouse, Suisun ornate shrew, and western pond turtle. There is a full range of semi-aquatic species inhabiting this area including muskrat, beaver, river otter, and 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, Mason's lilaeopsis, Delta tule pea, Suisun thistle, and soft birds beak.

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
	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
	Becky Ota Marine Conservation MGR	CDFW Marine Protected Areas Program	(650) 631-6789
	Staff Office	Suisun Resource Conservation District	(707) 425-9302
	Steve Wertz Senior Env.Scientist	CDFW Marine Protected Areas Program	(562) 342-7184

ADDITIONAL SITE SUMMARY COMMENTS:

2-680 -A Site Strategy - Suisun Marsh West: Suisun Slough Drainage

County and Thomas Guide Location

Solano

NOAA CHART
SUISUN BAY 18657/18652

2-680 -A

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Last Page Update :

CONCERNS and ADVICE to RESPONDERS:

Primary is limiting the extent of oiling of marshy channels and oiling of vegetation and wildlife. The strategies are intended to "box" oil into a minimal exposure of channel and marsh.

HAZARDS and RESTRICTIONS:

There are shallows throughout the sloughs.

SITE STRATEGIES

Strategy 2-680.1 Objective: Contain/exclude - minimize spread of oil through channels: use multiple diversion booms to collection sites, and close side channels.

This is a generic strategy since exact origin of a spill is unknown but multiple threat locals exist including the entire Santa Fe Pacific pipeline corridor. 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 insure 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	tvoc and gear	Boom boat	Skiffs punts	Skimmers No	Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
2-680.1	3000				24	24/22+/danforths	4	4	4	portable	Bboats; very shallow; 1 hovercraft	14	

LOGISTICS

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

This area is mostly accessible by water from Suisun City or Pierce Harbor. There is limited land access from I-680 by exiting at Lake Herman, Marsh view and other exits which lead to access mostly private duck club roads along the margin. This site extends upstream from the mouth at Grizzly Bay and includes all the marshy areas and sloughs which are tributary including Goodyear Slough, Cordelia Slough, Wells Slough, Pelfier Slough, Shelldrake Slough, Boynton Slough, Peytonia Slough, Hill Slough, Cutoff Slough. Site is within the following State Marine Protected Area: Peytonia Slough State Marine Park.

LAND ACCESS: VARIABLE DEPENDING ON LOCATION.

WATER LOGISTICS: EXTREME SHALLOW DRAFT AT LOWER TIDES

Limitations: depth, obstruction

Launching, Loading, Docking Suisun City marinas and Pierce Harbor.

and Services Available:

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

Deploy from Suisun City, Martinez Marina, Benicia Marina or Pierce harbor. All the above may provide adequate support for field post.

COMMUNICATIONS PROBLEMS: none known

ADDITIONAL OPERATIONAL COMMENTS:

