

County: **Contra Costa, Solano, Sacramento**

Thomas Guide Location

Latitude N

Longitude W

USGS Quad: **Honker Bay, Antioch North**

3 8 02

121 49

NOAA Chart: **18656 Suisun Bay**

Last Page Update : 7/1/1996

SITE DESCRIPTION:

The location of this site moves back and forth with the tide and also with the seasonal river outflow. Although it is not a discrete physical location, it is a very precise water column - salinity locale. The entrapment zone is an open water zone where the fresh waters of the Sacramento and San Joaquin rivers meet and mix with the saline bay waters. Its location is variable depending upon seasonal outflow and tides and tends to be between Honker Bay and Antioch but during times of high outflow has been as far west as Carquinez Straits. In this mixing zone, suspended organics and nutrients tend to accumulate, creating a highly biologically-productive area. This then becomes an important feeding area for all manner of creatures from zooplankton, to fish larva, fry and smolts, to adults Delta and longfin smelt to striped bass. There is no strategy to protect this area except open water skimming to minimize degree of product contact and dissolution.

SEASONAL and SPECIAL RESOURCE CONCERN

The site is an "A" priority year-round

RESOURCES OF PRIMARY CONCERN

The area is of major importance to juvenile fish, adult fish and migratory waterfowl. It is the most important nursery area for most migratory species and other important fish and invertebrate stocks in the Delta and river system.

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
	John Henderson F/W Biologist	US Fish & Wildlife Service, Environmental Contam	(916) 414-6595
	Eric Larson	CA Dept. of Fish & Wildlife, Bay/Delta	(707) 944-5528
	Scott Wilson	CA Dept. of Fish & Wildlife, Bay/Delta	(707) 944-5518

ADDITIONAL SITE SUMMARY COMMENTS:

2-700 -A Site Strategy - Entrapment Zone

County and Thomas Guide Location

Contra Costa, Solano, Sacramento

NOAA CHART

18656 Suisun Bay

2-700 -A

Latitude N

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CONCERNS and ADVICE to RESPONDERS:

The concern for this site is water column toxicity. Most of the larval invertebrates and juvenile fish of the Delta depend on this salinity zone.

HAZARDS and RESTRICTIONS:

none identified

Last Page Update :

SITE STRATEGIES

Strategy 2-700.1 Objective: skimming diversion collection - minimize the oil on the surface of the bay.

There is no protective strategy for this site because the site traverses with the tide. Only on-water collection can mitigate the oil presence or threat.

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
2-700.1	0								TSA & S		

LOGISTICS

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

The entrapment zone is the mixing zone of river and bay waters. It is only approachable by water. The location of this site moves back and forth with the tide and also with the seasonal river outflow. Although it is not a discrete physical location, it is a very precise water column - salinity locale.

LAND ACCESS:

WATER LOGISTICS:

N/A

Limitations: depth, obstruction












Launching, Loading, Docking Pittsburg, McAvoy's, Martinez.
and Services Available:

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

COMMUNICATIONS PROBLEMS: none known

ADDITIONAL OPERATIONAL COMMENTS:

There is NO Strategy Diagram for This Site

 Harbor / Curtain Boom	 Sorbent boom		SSS - Shoreside Skimming System
 Swamp / River Boom	 Berm, Dam, or Dike		SFS - Stationary Floating Skimmer
 all other boom types	 Filter fence		SPS - Self Propelled Skimmer
	 Boom tow		TSA - Towed Skimming Array