

County: **Contra Costa / San Joaquin**
 USGS Quad: **Bouldin Island**

Thomas Guide Location
 SF Bay and Delt

Latitude N Longitude W
 38 04.4 121 34.3

NOAA Chart: **18661 Sacramento & San Joaquin River**

Last Page Update : 7/1/1996

SITE DESCRIPTION:

Site is from intersection of Old River and Deep Water Channel at 53 to Frank's Tract. This mile long section of Old River is wide and deep with berm islands paralleling ripped levees. The berm islands are vegetated with emergent marsh and scrub shrub, particularly at mouth. Waves and currents can be strong here.

SEASONAL and SPECIAL RESOURCE CONCERN

Marsh area is of "A" priority at all times. From September to December there are modest numbers of Delta smelt (FT/SE) in this area. Rare plants occur nearby.

RESOURCES OF PRIMARY CONCERN

This area has been designated as a Significant Natural Area (DFW-NHD). The main ecological values in this site are the berm islands, particularly at the mouth, and the access to sites in Frank's tract and south. Aquatic environment supports diverse freshwater community.

Bird species which occur here are typical waterfowl and marsh birds.

Other vertebrates are typical aquatic and semi-aquatic mammals, reptiles and amphibians of the delta.

This area has modest occurrence of Delta smelt during fall/winter. Juvenile and adult striped bass are typical as are warm water species.

Several Special Status Species occur near but have not been recorded in this site including: Mason's lilaeopsis, Delta tule pea, Delta mudwort, California hibiscus and Suisun marsh aster.

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
E	Gilbert Cosio	Webb Tract Reclamation District	(209) 943-5551
	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
E	Chris Neudeck	Mandeville Island Reclamation District	(209) 946-0268
OEL	Dab Nomellini President	Central Delta Water Agency	(209) 465-5883

ADDITIONAL SITE SUMMARY COMMENTS:

2-900 -A Site Strategy - Old River Mouth at San Joaquin River

County and Thomas Guide Location

SF Bay and Delt Contra Costa / San Joaquin

NOAA CHART

18661 Sacramento & San Joaquin River

2-900 -A

Latitude N

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CONCERNS and ADVICE to RESPONDERS:

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The concern is two-fold: first, that oil will be transported though this site to other parts of the delta; and second, that marshy islands and margins will become oiled. These marshy areas are sensitive and habitat to many sensitive species. There is always the concern of impacts from response and cleanup: trampling vegetation, disturbing wildlife, and tracking oil into marshes and muds.

HAZARDS and RESTRICTIONS:

Aerial traffic beware of power wires. Shallows at margins.

SITE STRATEGIES

Strategy 2-900.1 Objective: Exclusion booming Old River at the mouth. Wind wash and strong currents can be a problem.

A) Set an exclusion-diversion boom across the mouth at a diagonal to land oil on the Mandeville levee. Anchor one end near the Webb Tract tip and set 1500' of 12X12 diagonally to anchor the other end near the Mandeville levee. Leave a trailing boom length to maintain seal during tidal vacillations.

B) Set 200' of 4X4+ exclusion boom across mouth of slough parallel to the above boom. Anchor one end near the un-named tule island tip and anchor the other near the Mandeville levee. Back with sorbent.

C) Multiple layers may be necessary to brake the wave chop: repeat (step 1) as necessary.

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
2-900.1	2000	200		200	11 9/25/ & 2/15/danforths,	2	1	1 portabale		8	

LOGISTICS

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

Key access to site is by boat, from Stockton Deep Water Channel at R53 from marinas at Mokelumne. Vehicle access is very restricted: private levee roads via convoluted routes: Hwy 4 to Jersey Island Rd to private ferry to Webb Tract and Hwy 4 to acon Island Rd to Bacon Isl. to Mandeville Island. Site is from intersection of Old River and Deep Water Channel at 53 to Frank's Tract.

LAND ACCESS: LEVEE ROADS ARE GOOD WHEN DRY

WATER LOGISTICS: deep draft, except near shore

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Nearest boat launch and marine service is at the mouth of the Mokelumne. Additional marine facilities are at Bethel Island or 8-mile road.

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

Good deployment sites and facilities are at marinas above: rental boats, fuel, restaurants, water, and some camping and lodging. Consider the Mokelumne mouth as an area deployment site.

COMMUNICATIONS PROBLEMS: none known

ADDITIONAL OPERATIONAL COMMENTS:

