

County: **Contra Costa & San Joaquin County**
USGS Quad: **Woodward Island**

Thomas Guide Location
Bay and River A

Latitude N
37 56.0
Longitude W
121 34.0

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

Last Page Update : 12/15/2005

SITE DESCRIPTION:

The site is the reach of Old River south from the Union Pacific Rail Bridge to Hwy 4. Although this site is riprapped and levied, this reach contains fragile tule berm islands with emergent and riparian vegetation.

SEASONAL and SPECIAL RESOURCE CONCERN

"B" priority all year due to the few remaining small in-channel island present along this reach.

RESOURCES OF PRIMARY CONCERN

In-channel marsh islands are at risk year-round. Special Status Species of marsh plants on the islands are vulnerable to oil.

Hérons and egrets inhabit this area.

River otters are found here.

The slough provides habitat for several species of fish including, winter-run chinook salmon (SE/FE) striped bass, delta smelt and largemouth bass.

Special Status Species found here include Mason's lilaeopsis (SR) and California Hibiscus. In addition, tules and willows are common.

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
	Dab Nomellini President	Central Delta Water Agency	(209) 465-5883

ADDITIONAL SITE SUMMARY COMMENTS:

2-920 -B Site Strategy - Old River: Orwood Reach

County and Thomas Guide Location

NOAA CHART

2-920 -B

Latitude N

Longitude W

Bay and River A Contra Costa & San Joaquin County

18661 Sacramento & San Joaquin River

37 56.0

121 34.0

CONCERNS and ADVICE to RESPONDERS:

Last Page Update : 7/1/1996

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 mudflats. These island shores are eroding and fragile.

HAZARDS and RESTRICTIONS:

There are shallows and submerged hazards throughout the Delta.

SITE STRATEGIES

Strategy 2-920.1 Objective: Deflection booming: Protect in-channel marsh islands from oil either coming up river or down river.

Deploy deflection curtain boom ($\leq 18''$) in a "V" shape at either end of the several in-channel islands. Boom legs should be 50 to 100 ft. each to deflect oil away from shore and into the current.

Strategy 2-920.2 Objective: Deflection booming: Protect in-channel marsh islands from oil. Recover oil in channel north of Indian Slough.

- Place 600 ft of deflection boom and skimmer in west channel adjacent to the largest island at the river bend north of Indian Slough.
- Deploy 600 ft. of curtain boom ($\leq 18''$) to deflect oil from across channel to the west shore.
- Use another 600 ft to exclude oil from the largest island by "wrapping" the exposed shoreline.

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
2-920.1	500					1	0	0		3	
2-920.2	1200				12 9-12 / 25lb Danforth	1	1	1		8	

LOGISTICS

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

BY ROAD: take Hwy 4 east to Brentwood, turn left (east) on Chestnut Street, turn left on Byron Hwy, Turn right (east) on Orwood Road, proceed to river at Cruiser Haven Marina. Can also access through Discovery Bay off Hwy 4 south of Brentwood. BY BOAT: From Frank's Tract area proceed south down Old River to Railroad Cut; or from Discovery Bay follow Indian Slough to Old River and Orwood Tract. The site is the reach of Old River south from the Union Pacific Rail Bridge to Hwy 4.

LAND ACCESS: 2WD, LG TRUCK, HVY EQUIP, 4WD,

WATER LOGISTICS: No restrictions noted

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Boat launching facilities are available at Discovery Bay and at a small marina located near the Railroad Bridge.

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

Levee roads on the Orwood Tract can be used as deployment sites.

COMMUNICATIONS PROBLEMS: none known

ADDITIONAL OPERATIONAL COMMENTS:

