

2-870 -A Site Summary- Mokelumne River Mouth**2-870 -A**

County: **Sacramento**
USGS Quad: **Bouldin Island**

Thomas Guide Location

Latitude N Longitude W
38 05.7 121 34.7

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

Last Page Update : 7/1/1996

SITE DESCRIPTION:

Site extend from the mouth on the San Joaquin six miles upstream to the split into the two forks. This large river mouth has a marshy channel island in the middle of its mouth and marshy pockets to each side of the mouth. The marsh island has a shallow shoal to the south. Upstream, there are numerous berm and channel islands and marshy margins along the ripped shore. The ebb flow out is strong. Oil threats are from within or on a flood tide from the San Joaquin.

SEASONAL and SPECIAL RESOURCE CONCERN**RESOURCES OF PRIMARY CONCERN**

This is important fish migration and propagation habitat. Marshy margins provide habitat for aquatic and riverine species.

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
E	Victoria Hale	Brannan-Andrus Reclamation District	(916) 776-2544
	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
OEL	Dab Nomellini President	Central Delta Water Agency	(209) 465-5883

ADDITIONAL SITE SUMMARY COMMENTS:

2-870 -A Site Strategy - Mokelumne River Mouth

County and Thomas Guide Location

Sacramento

NOAA CHART

18661 Sacramento & San Joaquin River

2-870 -A

Latitude N

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38 05.7 121 34.7

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

Major concern is oiling of emergent marshes at margins and on berm islands. To do this, the strategy is to exclude oil from entering this reach of the river.

HAZARDS and RESTRICTIONS:

Boat traffic beware of shallows, many snags and mud bars. Poison Oak.

SITE STRATEGIES

Strategy 2-870.1 Objective: Exclude oil from entering Mokelumne mouth on the flood tide by exclusion-collection booming toward eddy to west of mouth.

From the breakwater of Korth's Marina at the west side of the Mokelumne mouth, deploy 1500' 9x9+ Curtain boom wSW to the shoal in mid-channel. This will tend to convey oil to the Andrus Island shore. Line the shore and/or preclean the shoreline and commence collection. Use 50ft of Oil Snare (OS), 100ft of sorbent boom to collect oil that may accumulate. Contact IC if oil accumulates in skimmable quantities.

Strategy 2-870.2 Objective: Back up strategy: Diversion to collection at favorable shore-side collection and boom marina entries.

Deploy 2000'6x6+ collection boom at a long diagonal to a favorable collection point along the the Bouldin Island shore to encourage stranding of oil and collection at the shore. Mid-boom anchoring will be necessary to minimize catenary entrainment. Use 50ft of Oil Snare (OS), 100ft of sorbent boom to collect oil that may accumulate. Contact IC if oil accumulates in skimmable quantities.

Strategy 2-870.3 Objective: Oil Recovery by Shoreside skimming

Deploy skimmers if oil accumulates in skimmable quantities. Consult IC prior to the initiation of this strategy.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no	tvpe and gear	Boom boat	Skiffs punts	Skimmers No	Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
2-870.1	1500	1000	50 OS	100	5	5/25lbs/danforth, chain and line	2	2				14	
2-870.2	0	2000	50 OS	100	5	5/25lb/danforth anchors & stakes	1	1				9	
2-870.3	0	0	0	0	0		0	0	2 SSS	0			

LOGISTICS

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

Levee roads provide vehicle access from Hwy 12. Andrus Island road is paved to the mouth of the Mokelumne River. Water access is from a variety of marinas at or near the mouth of the Mokelumne. Channel marker at mouth is G47. Site extend from the mouth on the San Joaquin six miles upstream to the split into the two forks.

LAND ACCESS: ALL WEATHER/ ALL TRAFFIC LEVEE ROAD

WATER LOGISTICS: GOOD WATER EXCEPT SHALLOW TO WEST

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Launching facilities available at mouth of Mokelumne River. Boat launch and marine support are available at Antioch, Bethel Island and mouth of Mokelumne. Launch is also at Brannon Island State Park.

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

Complete support facilities at Rio Vista and Antioch. Lesser degree at Bethel Island and Mokelumne River. Staging is possible at Rio Vista, Brannon Island, Mokelumne, Bethel Island, and Antioch.

COMMUNICATIONS PROBLEMS: none known

ADDITIONAL OPERATIONAL COMMENTS:

