

County: **Sacramento**
 USGS Quad: **Rio Vista, Bouldin Isl., Isleton**

Thomas Guide Location

Latitude N

Longitude W

3 8 08

121 33.5

NOAA Chart: **18662 SACRAMENTO RIVER**

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This site extends from New Hope Landing (upper Mokelumne fork at north end of Staten Island) to the reunion with South Mokelumne River at southwest tip of Staten Island. It is bordered by Tyler Island on west bank and Staten Island on the east bank. This winding section of river is bordered by ripped levees throughout. Emergent patches and riparian growths are scattered throughout the site. It connects with the Delta Cross Channel via lower Snodgrass Slough and a cut between Dead Horse Island and McCormack Island. The channel is relatively deep and swift with only occasional channel islands, but there is one sizable channel island which has high ecological value because it supports several rare plant species. It is an important waterway for migrant fish, water supply conveyance, flood control and boat traffic: the waters of the Sacramento flow to the central Delta.

SEASONAL and SPECIAL RESOURCE CONCERN

Special Status Species of fish, plants and birds occur here. This site is within the zone of highest concern for winter-run chinook from mid-September through May.

RESOURCES OF PRIMARY CONCERN

This is very important aquatic habitat for upstream and downstream migrant fish including the salmon and steelhead stocks of the Sacramento Valley, striped bass, Sacramento splittail, and Delta smelt. The margins are either marshy or upland: both are important habitat for birdlife and small animals. Four species of rare plant occur here; all may be found on one sizable channel island about 3 miles upstream from the southern confluence.

Special Status Species of birds found here include Swainson's hawk (ST) and greater sandhill crane (ST).

This is one of several migratory corridors for migratory fish. A portion of all the salmonid stocks, including winter-run chinook (F/SE), move through this site. Striped bass, sturgeon species, Sacramento splittail, and Delta smelt also used this area for migration or temporary habitat.

Four species of rare plants have been found in this site, including: Sanford's arrowhead, Delta tule pea, Delta mudwort, and Mason's lilaeopsis. Elderberry bush, the habitat for the Valley elderberry longhorn beetle (FT), is found several places in the northern section of the site.

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
OL	State Water Project Ops C	CA Dept. of Water Resources	(916) 574-2714
O	Robert Clark	North Delta Water Agency	(916) 446-0197
	John Henderson F/W Biologist	US Fish & Wildlife Service, Environmental Contam	(916) 414-6595
OEL	Mary Hildebrand	South Delta Water Agency	(209) 403-4082
	Eric Larson	CA Dept. of Fish & Wildlife, Bay/Delta	(707) 944-5528

ADDITIONAL SITE SUMMARY COMMENTS:

2-873 -A/B Site Strategy - North Mokelumne River

County and Thomas Guide Location

Sacramento

NOAA CHART

18662 SACRAMENTO RIVER

2-873 -A/B

Latitude N

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CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

Greatest concerns are oiling of sensitive plant habitats, toxicity to sensitive fish, and penetration into marshes, levees and riprap through openings and burrows. The intention is to exclude oil from this reach of the river by exclusion and collection booming.

HAZARDS and RESTRICTIONS:

Narrow levee roads and shoulders pose potential traffic hazard, necessitating traffic control. Slips, trips and falls on riprap.

SITE STRATEGIES

Strategy 2-873.1 Objective: For oil threats from the north, diversion booming to favorable shore-side collection.

After assessing prevailing wind and current situation, deploy a exclusion-collection boom across the North Mokelumne south of Walnut Creek Road. Local conditions usually favor collection on the east levee (Staten Island); however, currents may permit collection on Tyler Island levee which has better access. Anchor near shore and ensure a tidal seal at margins. Back with sorbent boom or additional collection booms. 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 2-873.2 Objective: If oil is threatening from south (San Joaquin River), execute south Georgiana Slough strategy and exclude oil movement upstream on flood tide.

1. Execute Georgiana Slough strategy 2-814.3.
2. Deploy 700' 6X6+ exclusion-collection boom to exclude oil from reach and to divert it to most favorable shore for collection. Prevailing conditions usually favor collection oil on the east bank (Staten Island). Deploy boom to favor a land-based collection about 300 yards upstream from Staten Island tip.
3. Back with sorbent.

Strategy 2-873.3 Objective: Protection/deflection boom around mid-channel island for oil moving in midstream.

Deploy 1000 ft 4X4+ protective boom around island using anchors and stakes position boom. Sorbent boom as needed and at every point where bridging may occur. Check often until verified that tidal fluxuation seal is intact.

Strategy 2-873.4 Objective: Oil Recovery by Shoreside skimming

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

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
2-873.1	0	400	50 OS	500	2 2/25lb/anchors	0	1			3	
2-873.2	0	700		600	2 2/25lb/anchors	0	1			3	
2-873.3	0	1000		400	4 4/15lb/danforths & stakes	1	1			3	
2-873.4	0	0	0	0	0	0	0	1 SSS	0		

LOGISTICS

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

Water access from south is from B&W Resort at Hwy 12 or from the north from Walnut Grove Marina or Wimp's. Levees on Staten, Tyler and Brannon Islands provide access: Tyler and Brannon are paved. This site extends from New Hope Landing (upper Mokelumne fork at north end of Staten Island) to the reunion with South Mokelumne River at southwest tip of Staten Island. It is bordered by Tyler Island on west bank and Staten Island on the east bank.

LAND ACCESS: ALL WEATHER/TRAFFIC EAST OR DRY

WATER LOGISTICS: GOOD WATER THROUGHOUT.

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: B&W Resort Marina at Hwy 12 is well equipped and spacious. Walnut Grove and New Hope Landing at north end have similar facilities.

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

Both sites provide good deployment sites and facility support. Rental boats and house boats are available at Hwy 12. Most of these strategies can be supported by supplying boom from the shore.

COMMUNICATIONS PROBLEMS: none known

ADDITIONAL OPERATIONAL COMMENTS:

