

County: **San Joaquin**
 USGS Quad: **Thornton, Isleton**

Thomas Guide Location
 SF Bay and Delt

Latitude N
 38 07.5
 Longitude W
 121 31

NOAA Chart: **18662 SACRAMENTO RIVER**

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This site from its confluence with the North Mokelumne at New Hope Landing to its reunion with the North Mokelumne at the south tip of Staten Island. This wide deep channel is mostly ripped levees along its 13 mile length, but there are also numerous ecologically sensitive marshy channel and berm islands throughout its length (see site 2-864). Most of the islands are small but several are up to an acre in size. It is important as a fish migration route. Many Special Status Species occur in this area.

SEASONAL and SPECIAL RESOURCE CONCERN

This site is very sensitive year-round because many Special Status Species occur here including: winter-run chinook, of some concern Sept 15 - May 31; many rare plants; Birds: Swainson's hawk, greater sandhill crane, and a heron rookery. Marsh and riparian vegetation zones here are of A concern year-round.

RESOURCES OF PRIMARY CONCERN

Over 11 Special Status Species occur in this area. The channel islands are prime natural habitat and freshwater marshes. Despite levee riprap disturbance there is some good vegetation particularly mature trees and shrubs at the northerly end. Aquatic community is typical for the delta, and this is an important pathway for migrating fish.

Swainson's hawk and greater sandhill crane are sensitive bird species which occur in this area. Riverine species include waterfowl and marsh birds.

The channel islands are used by riverine mammals, reptiles and amphibians. Western pond turtle (F/C-SC) occurs here. The levees are used by mammals and reptiles which can pass though and use disturbed and patchy habitat.

Salmon smolts (particularly winter-run chinook) are known to wander through this area during downstream migration. Juvenile and adult striped bass and warm water fish are typical.

Emergent vegetation occurs throughout the area.

Sensitive plants occur here including delta tule pea, California Hibiscus, Delta mudwort, Sanford's arrowhead, marsh skullcap, elderberry bush, Suisun marsh aster, Mason's lilaeopsis.

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
O	Robert Clark	North Delta Water Agency	(916) 446-0197
E	Gilbert Cosio	Webb Tract Reclamation District	(209) 943-5551
E	Dominick Gulli	Terminus Tract Reclamation District	(209) 478-6525
	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	Henry Matsunaga	Sherman Reclamation District	(916) 448-2821
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:

2-880 -A Site Strategy - South Mokelumne River

County and Thomas Guide Location

SF Bay and Delta San Joaquin

NOAA CHART

18662 SACRAMENTO RIVER

2-880 -A

Latitude N

Longitude W

38 07.5 121 31

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

The concern is two-fold: first, that oil will be transported through this site to other parts of the delta; and second, that marshy islands and margins will be come 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:

Low flying aircraft beware of high wires near New Hope Landing. Slips, trips and falls on riprap and steep levees. Regarding boat handling, beware of shallows, snags and mud bars. Poison Oak.

SITE STRATEGIES

Strategy 2-880.1 Objective: Exclusion booming at south mouth.

Set 500 ft of 6X6 boom completely across mouth at a diagonal using levees as anchor points, leaving a trailing boom length to maintain seal during tidal vacillations. Back with sorbent.

Strategy 2-880.2 Objective: Exclusion booming at north end. Current is downstream during most times of the year.

Set 100' of 6X6 boom from the seawall at New Hope Landing to a point 50' downstream on Staten Island. Use Staten Island attachment as a collection point. 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 2-880.3 Objective: Protect marshy islands within channel

Exclusion boom and sorbent boom around and close-off entry to islands.

Strategy 2-880.4 Objective: Oil Recovery by Shoreside skimming

Deploy skimmer when oil accumulates in skimmable quantities. Use Staten Island attachment as a collection point. Consult with 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	type and gear	Boom boat	Skiffs punts	Skimmers No	Type	Special Equipment or comment	staff deploy	Staff tend
2-880.1	0	500		500	2	2/25/DANFORTH	0	1				2	
2-880.2	0	100	50 OS	100	2	2/25/danforth						2	
2-880.3	0	3000		1000	12	12/15/Danforths						4	
2-880.4	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.)

Key access to site is from west side from Staten Island levees which may be reached via I-5, exit at Thornton/Walnut Grove Rd and continue west to Staten Island Road and from east side levees as well (see Sycamore Slough 2-890). Water access is via marinas on south end along Hwy 12 (Terminus and B&W) or at north end at New Hope Landing. This site from its confluence with the North Mokelumne at New Hope Landing to its reunion with the North Mokelumne at the south tip of Staten Island.

LAND ACCESS: LEVEE ROADS GOOD EXCEPT WET

WATER LOGISTICS: GOOD WATER EXCEPT AT SHORE

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Marina and boat launch south at Terminus and B&W Resort at Hwy 12 or up-river at New Hope Landing at Thornton Road. Rental boats, restaurants, facilities, and some lodging/camping are available also.

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

Adjacent levees should be adequate as long as roads are passable. There are roads leading to levees from west (Staten Island) or east and material may be staged nearby. Otherwise transport material by skiff.

COMMUNICATIONS PROBLEMS: none known

ADDITIONAL OPERATIONAL COMMENTS:

