

2-060 -A Site Summary- San Joaquin River, Mandeville/Venice Tips Complex 2-060 -A

County: **San Joaquin**
USGS Quad: **Bouldin Island**

Thomas Guide Location
SF Bay and Delt
NOAA Chart: **18661 SACRAMENTO / SAN JOAQUIN RIVER**

Latitude N
38 03.5
Longitude W
121 32

Last Page Update : 7/1/2016

SITE DESCRIPTION:

Site is island tips separated from main islands by construction of the Deep Water Channel from light R6 to light R58. These include Mandeville Tip and Venice Tip and the many small unnamed channel and berm islands and surrounding channels. This is a DMRP designated Natural Resource Area with Significant Habitat Values. In addition to the very rich natural habitat varying from marsh to shrub scrub to riparian, there is a heron rookery here. These triangular shaped tips were once part of adjacent islands but are now flooded to varying degrees and partially enclosed with historic levees. Each have marshy margins both inside and out and small associated islands. The portions facing the channel are not leveed. The neighboring agricultural islands have heavily ripped levees.

SEASONAL and SPECIAL RESOURCE CONCERNS

Rich marsh and riparian areas here have "A" priority all year. Special Status Species occur here: Delta smelt (FT/SE) and winter-run chinook (F/SE) occur in modest numbers in fall to spring; rare plants.

RESOURCES OF PRIMARY CONCERN

The islands here are very natural, varying from marshy to upland riparian. There is a heron rookery here. The tips have flooded interiors with channels communicating with the river. The marshy shoreline exposure is extensive. Aquatic environment supports diverse freshwater community. Protection problems because of extensive exposure and difficulties presented by expansive surrounding waters.

This is extremely diverse and valuable bird habitat. There is a great blue heron rookery in the trees of Venice Tip. The black rail (ST) and Swainson's hawk (ST) occur in this area.

Other vertebrates include riverine and marsh species of all kinds. This is probably habitat for western pond turtle.

This area has modest occurrence of Delta smelt during fall/winter and a moderate density of winter-run chinook smolts from mid Oct to June. Juvenile and adult striped bass are typical as are warm water species.

Rare plants are found all through this site. These include California hibiscus, Mason's lilaeopsis, 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
	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:

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Latitude N

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CONCERNS and ADVICE to RESPONDERS:

Last Page Update : 2016

The major oil issues here are oiling of vegetation and marshes and penetration into burrows and riprap.

HAZARDS and RESTRICTIONS:

Waters are deep draft except in narrow channels between islands, beware of snags and pilings in the shallows. Aerial traffic beware of power wires. Slips, trips and falls.

SITE STRATEGIESStrategy 2-060.1 Objective: WEST END: Exclude/Divert/Collect booming (at R58)

During a flood tide, set 1700 ft of 12X12+ boom in a "J" configuration along the west side of the Venice Island Peninsula forming a collection pocket. Northern tip of boom should be pointed towards cluster of trees in the distance. Land based skim/collect oil from the Venice Levee road.

Strategy 2-060.2 Objective: Exclude oil from main marsh exposure to channel and smaller channel openings from ship channel and river.

Deploy 4X4+ across each SJR Channel face: 4000' at Venice tip and 2500' at Mandeville . Back with sorbent. Block small sloughs, and perimeter marsh edges with 4X4 and sorbents.

Strategy 2-060.3 Objective: EAST END: Exclude/Contain boom (ar R6), excute Ward Cut and Middle River Strategies

Execute adjacent site strategies: See strategy for Ward Cut Complex (2-050.2) and strategy for Middle River Mouth - (2-950.1)

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
2-060.1	1700			1700	8 8/25/danforth	3	1	3/1		8	
2-060.2	0	8000		8000	14 14/15lbs/danforths	3	1	3/1		8	
2-060.3	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 the Ship Channel (lights R58- R6) is by boat from Herman & Helen's or Korth's Marina or other central delta marinas. Vehicle access is from bordering levees: only Empire Tract and Venice Island is easily accessible via 8-mile Road from I-5. Site is island tips separated from main islands by construction of the Deep Water Channel from light R6 to light R58. These include Mandeville Tip and Venice Tip and the many small unnamed channel and berm islands and surrounding channels.

LAND ACCESS: ROADS SEASONAL

WATER LOGISTICS: deep draft, except near shore

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Nearest marine facilities, fuel and launch are at Herman & Hellens at the end of 8-mile Rd and the mouth of Mokelumne to west. Also Paradise Point Marina (fuel/ramp) and RiverPoint Marina (ramp).

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

Good deployment staging site at tip of Empire Tract on San Joaquin River. Also levees of Venice Island. Facilities on Empire Tract include rental boats and houseboats, fuel, moorage, restaurant, electricity and water, marine supply and repair and some camping.

COMMUNICATIONS PROBLEMS: none known

ADDITIONAL OPERATIONAL COMMENTS:



Imagery: NAIP 2012 (Summer) 4-Band

