

County: **San Joaquin**
USGS Quad: **Holt**

Thomas Guide Location
SF Bay and Delt

Latitude N
3 8 00
Longitude W
121 27

NOAA Chart: **18661 SACRAMENTO / SAN JOAQUIN RIVER**

Last Page Update : 7/1/1996

SITE DESCRIPTION:

Site is an island complex along the Deep Water Channel from light R18 to light R24. These include Hog, Spud, Acker and many small channel and berm Islands. This area has been designated as a Significant Natural Area (DFW-NHD) and a Natural Resource Area with Significant Habitat Values (Delta Master Recreational Plan). Though some parts of the islands are partially developed, most are in very natural states varying from marsh to shrub scrub to riparian. The channels bordering agricultural islands have heavily ripped levees.

SEASONAL and SPECIAL RESOURCE CONCERN

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. Some of the islands have flooded interiors with channels communicating with the river. Aquatic environment supports diverse freshwater community.

This is extremely diverse and valuable bird habitat.

Other vertebrates include riverine and marsh species of all kinds. Western pond turtle occurs here.

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 throughout 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
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	Chris Neudeck	Mandeville Island Reclamation District	(209) 946-0268
OEL	Dab Nomellini President	Central Delta Water Agency	(209) 465-5883

ADDITIONAL SITE SUMMARY COMMENTS:

2-040 -A Site Strategy - San Joaquin River, Hog Island Cut Complex**2-040 -A**

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CONCERNS and ADVICE to RESPONDERS:

Last Page Update : 7/1/2005

HAZARDS and RESTRICTIONS:

Waters are deep draft except in channel on backside of Hog Island. Aerial traffic beware of power wires.

SITE STRATEGIESStrategy 2-040.1 Objective: NORTH SIDE: Exclude oil from backside of north Hog Island setting booms at each end of backside channel and interior cuts.

Set 3 exclusion booms on N side of San Joaquin River, (a) 1000' from Hog Island west to small island (b) 1200' from small island to Rindge Tract levee. (c) 300' at south end of Hog Island. Anchor near riprap levee leaving a trailing boom length to maintain seal during tide changes. Possible skim at east end. (c) Boom 2 interior Hog Island sloughs, one at each inside end of Hog Island: 200' at east end and 600' at west end across backside slough openings. Sorbent or swamp boom west marsh of small westerly island.

Strategy 2-040.2 Objective: SOUTH: Exclude oil from 21 Mile Slough (south margin of Spud Island) by booming each end.

Set 600 ft of boom from Spud Island to Lost Island Resort. Set 1000 ft of boom from McDonald Island levee to west tip of Spud Island. Leave trailing ends to keep seal during tidal seal. Sorbent boom blocks across small channels admitting to interior marsh of Spud Island. Also execute Strategy (2-963) to exclude oil from Turner Cut.

Strategy 2-040.3 Objective: WEST: Exclude/Divert/Collect boom, divert oil to levee bank for collection as wind and currents permit.

Set 2000 ft of harbor boom across channel at a long diagonal from opposite and upstream of light 18 to pocket eddy on south side of Channel. Set up collection at levee offering collection (typically the McDonald Island levee). Use 50ft of Oil Snare (OS), 100ft of sorbent boom to collect oil that may accumulate. Wind wave wash is a problem here.

Strategy 2-040.4 Objective: Oil Recovery by skimming

Deploy skimmer if oil accumulates in skimmable quantities. Get authorization from 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 No and kinds	staff deploy	Staff tend
2-040.1	3300			3000	10	10/25/ & 5/15/DANFORTH					possible land skimming	4	
2-040.2	1600			200	8	8/25/danforth						4	
2-040.3	2000		50 OS	100	12	14/40lbs/danforths	3	0				9	
2-040.4	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 (lights R18- R24) is by boat accessible from Windmill Cove Marina and or other central & east delta marinas. Vehicle access from Roberts Island (to south) from Hwy 4. Also access from private levee roads on Rindge Tract from I-5 via 8-mile Road. Site is an island complex along the Deep Water Channel from light R18 to light R24. These include Hog, Spud, Acker and many small channel and berm Islands.

LAND ACCESS: ROADS:PAVED SOUTH, SEASONAL ON NORTH**WATER LOGISTICS:**

Limitations: depth, obstruction

deep draft, except near shore

Launching, Loading, Docking and Services Available:

Paradise Point Marina and Buckley Cove marinas are closest and dependable launch facilities. Stockton harbor area marina facilities.

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

Good staging site on Roberts Island to southeast at light R 32. Deployment from near side Rindge Tract and McDonald Island levees is also possible.

COMMUNICATIONS PROBLEMS: none known**ADDITIONAL OPERATIONAL COMMENTS:**

