

County: **Solano**

Thomas Guide Location

Latitude N

Longitude W

USGS Quad: **Liberty Island, Dozier, Rio Vista**

38 14.2

121 40.8

NOAA Chart: **18662 SACRAMENTO RIVER**

Last Page Update : 7/1/1996

SITE DESCRIPTION:

Site extends from the mouth of the Sacramento River Deep Water Channel about 8 miles to its terminus plus several more miles of smaller sloughs (Haas Slough and Shag Slough) and many minor sloughs and marshes (20+ miles total). This winding, marshy, dead-end slough has rich marsh and riparian growth throughout its length including channel islands. Both banks are leveed and ripped in places. It has many shallows and snags. This habitat is rich in aquatic, marsh and terrestrial life. It is a Delta Master Recreational Plan designated Natural Resource Area with Significant Habitat Values and a DFW/NHD designated Significant Natural Area.

SEASONAL and SPECIAL RESOURCE CONCERN

This marshy area is of "A" priority at all times. This is prime Delta smelt spawning area. Winter-run chinook smolts are of great concern from Sept through May.

RESOURCES OF PRIMARY CONCERN

Shallow water wetlands are prominent throughout the site. Many of the small levees that surround the wetlands have low spots and perforations which allow considerable water exchange. This important habitat for Delta smelt spawning.

Area is of major importance to migratory waterfowl and other waterbirds. Raptors and riparian species are abundant.

This is outstanding habitat for semiaquatic mammals such as river otters, beavers, mink, muskrat and amphibians.

Cache Slough is a major spawning area for delta smelt (FT/SE).

It is also in the zone of highest concern for winter run chinook from mid September to June.

Emergent growth typifies this area.

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
	Eric Larson	CA Dept. of Fish & Wildlife, Bay/Delta	(707) 944-5528

ADDITIONAL SITE SUMMARY COMMENTS:

2-850 -A Site Strategy - Cache Slough

County and Thomas Guide Location

Solano

NOAA CHART

18662 SACRAMENTO RIVER

2-850 -A

Latitude N

Longitude W

38 14.2 121 40.8

Last Page Update : 7/1/2005

CONCERNS and ADVICE to RESPONDERS:

This sensitive site is best protected by excluding oil from entering by exclusion booming and deflection to collection near mouth. Infiltration of oil into wetlands and penetration into levees, riprap, and banks.

HAZARDS and RESTRICTIONS:

Aerial traffic beware of overhead power wires. Watercraft beware of snags and shallows. Pedestrian hazards include: Poison Oak, riprap, and thick vegetation.

SITE STRATEGIES

Strategy 2-850.1 Objective: Deflection/exclusion to keep oil in main ship channel and prevent oil from entering reaches of upper Cache, Miner, Prospect, and Lindsey Sloughs.

- Power down water transfer pumps upstream in Lindsey Slough (at Barker Slough - DWR.)
- Deploy deflection boom keep oil in Ship Channel. From inside the Deep Water Channel mouth, lay 12X12+ harbor boom in a shallow chevron parallel to the Ship Channel and across upper Cache on the west and Miner Slough on the east.

Strategy 2-850.2 Objective: exclusion/to confinement/collection across Cache Slough at Prospect Slough mouth

Deploy 1200' 10x10+ curtain boom across Cache Slough to exclude oil from entering upper sloughs and direct it to shore for collection. Lay boom from south cable-ferry landing opposite Prospect Slough mouth diagonally east across Cache Slough to north bank near Ship Channel Mouth. Anchor near shore with overlap of north bank and trailing boom ends to maintain tidal seal. If conditions permit, collect oil on the south levee. Use 50ft of Oil Snare (OS), 100ft of sorbent boom to collect oil that may accumulate.

Strategy 2-850.3 Objective: CHANGE to 860 exclusion boom at Lindsey Slough mouth

Deploy 1200' 9x9+ curtain boom from north ferry cable-ferry landing at mouth of Prospect Slough diagonally west across Cache Slough to the levee near the mouth of Lindsey Slough. Anchor near shore leaving, trailing boom ends to maintain tidal seal. If conditions permit, collect oil with on the south levee. Use 50ft of Oil Snare (OS), 100ft of sorbent boom to collect oil that may accumulate. Execute Prospect Slough strategy.

Strategy 2-850.4 Objective: Oil Recovery by Shoreside skimming

Deploy skimmers if oil accumulates in skimmable quantities. Collect oil with land-based skimmer on the south levee, back with sorbent if oil presence is great as a result of strategy .2. Oil collection with a land based skimmer may also be used to collect oil as a result of strategy .3. 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
2-850.1	1500				5 /50lb/danforth anchors	2	1			8	
2-850.2	2000		50 OS	100	6 22lb/danforths	2	2				
2-850.3	1200		50 OS	100	5 25lb/danforths	2	1			8	
2-850.4	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.)

Vehicle access to the mouth is levee road 6 miles north from Rio Vista via Hwy 84. Other levee roads are less accessible. By water from Rio Vista north up the Sacramento River and lower Cache Slough to the mouth of the Sacramento Deep Water Ship Channel. Site extends from the mouth of the Sacramento River Deep Water Channel about 8 miles to its terminus plus several more miles of smaller sloughs (Haas Slough and Shag Slough) and many minor sloughs and marshes (20+ miles total).

LAND ACCESS: PAVED AT MOUTH ELSE DRY WEATHER

WATER LOGISTICS: GOOD EXCEPT SNAGS AND SHALLOWS

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Private boat launch on east side (near Miner Slough Mouth) but needs to be cleared prior to use. Real McCoy Ferry (Hwy 84) can be used as a launch site. Launch, moorage and fuel are also available at Steamboat Slough and Rio Vista.

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

Real McCoy Ferry has large deployment site. Another deployment site is past mouth of Prospect Slough but access is limited. Rio Vista has a full range of support facilities.

COMMUNICATIONS PROBLEMS: none known

ADDITIONAL OPERATIONAL COMMENTS:

