

2-965 -A Site Summary- Middle River: Bacon Island Reach

2-965 -A

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

Thomas Guide Location

Latitude N
3 7 57

Longitude W
121 32

NOAA Chart: **18661 Sacramento & San Joaquin River**

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This site is the reach of Middle River from Connection Slough on the north, along the east side of Bacon Island, to SP Railroad Bridge on the south. This site has tule marshes and in-channel and berm islands. There are some riparian shrub-brush and woodland areas along levees. This area has been designated as a "Significant Natural Area" by the Delta Levees Master Environmental Assessment.

SEASONAL and SPECIAL RESOURCE CONCERN

A year-round "A" priority for protection due to the extremely numerous and sensitive marsh islands and wildlife.

RESOURCES OF PRIMARY CONCERN

Area is of major importance to migratory waterfowl. Riparian, woodland, and marsh habitats with associated wildlife are at risk.

Bird species of interest are Swainson's hawk (ST) and California black rail (ST), egrets, and herons. Migratory waterfowl are numerous and vulnerable throughout the fall and winter months.

River otters occur here.

Fish species occurring here include Delta smelt (SE/FT), winter-run chinook salmon (SE/FE), striped bass, largemouth bass, catfish.

The rare plants occur here: Delta tule pea, Mason's Lilaeopsis (SR), and California hibiscus.

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 |
| | Dab Nomellini President | Central Delta Water Agency | (209) 465-5883 |

ADDITIONAL SITE SUMMARY COMMENTS:

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County and Thomas Guide Location

San Joaquin

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CONCERNS and ADVICE to RESPONDERS:

Last Page Update : 7/1/2005

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 become 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 mudflats.

HAZARDS and RESTRICTIONS:

Shallow water west on in-channel islands. Bridge midway between Railroad Bridge and Mildred Island has low clearance.

SITE STRATEGIES

Strategy 2-965.1 Objective: North end: Exclusion booming at the river mouth

For oil from the north; deploy strategy for Middle River: Mandeville Reach (2-950-A). Deploy 600 ft of 18" deflection boom across channel of Connection Slough near low bridge. Deflect to Bacon Island levee as a collection site. 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 2-965.2 Objective: South end: Prevent oil from entering the river and contaminating the marshes

For oil from the south:

- Deploy a series of deflection and exclusion booms near river divergence north of Railroad Bridge. Deploy 1000 ft and 350 ft of 18" curtain boom across the western and middle channels, respectively. Deflect to west levee (Bacon Island) for collection.
- Deploy 3-200 ft. sections of 18" curtain boom in mid-channel north of Railroad Bridge; deflect to east levee (Lower Jones Tract), collecting against levee just south of boat docks.
- Deploy 200 ft of small curtain ("swamp") boom across east channel entrance in front of pilings and floating "boxes", extending out from in-channel island.
- Deploy 400 ft. of small curtain boom across north entrance of Railroad Cut - from Railroad berm north to levee.

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 2-965.3 Objective: Oil Recovery by Shoreside skimming

Deploy skimmers if oil accumulates in skimmable quantities. Consult 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 |
|-----------------|-------------|------------|-----------------|-----------|----------------------------|-----------|--------------|------------------|---|--------------|------------|
| 2-965.1 | 600 | | 50 OS | 100 | 8 8 / 25lb Danforth | 1 | 1 | | | 5 | |
| 2-965.2 | 2000 | 600 | 50 OS | 100 | 25 25 / 25lb Danforth | 3 | 2 | | | 17 | |
| 2-965.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 SSS | 0 | | |

LOGISTICS

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

Highway 4 east past Middle River to Bacon Island Road. Turn left on Bacon Island Road out to Middle River. Follow along Lower Jones Tract levee. This site is the reach of Middle River from Connection Slough on the north, along the east side of Bacon Island, to SP Railroad Bridge on the south.

LAND ACCESS: No restriction.

WATER LOGISTICS: SHALLOW WATER NEAR ISLANDS

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Marina services at Tiki Lagoon Resort Marina and Turner Cut Resort on Turner Cut east of site.

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

Staging at Bullfrog Landing and levees on Lower Jones Tract, and levees on Bacon Island. At Tiki Lagoon Resort Marina and Turner Cut Resort on Turner Cut east of site.

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:

