

2-583-A Site Summary - Napa River Marshes**2-583-A****County:** Solano **ACP Division/Segment:** SO - C - S002 SO - C - S020**NOAA Chart:** San Pablo Bay 18654 **Map Book:** AAA - Napa & So **Decimal Degrees:** 38.123209 -122.281138**Site Description:**

Extensive salt-marsh shorelines in convoluted area adjacent to Napa River north of Hwy 37. Shorelines varies with tide height and seasonal outflow. These salt-marshes are included in the USFWS wildlife areas (San Pablo Bay National Wildlife Refuge). Although the banks of the Napa river and adjacent sloughs are diked in many areas, in others there are extensive undiked salt-marshes and tidal mudflats. These undiked salt-marshes are connected to the river by numerous inlet channels. Elsewhere there are narrow marshes and tidal flats between the levees and the main channels. Several listed species nest and forage within these extensives salt-marshes.

Resources at Risk:*ESI and Habitat:* 10A Salt - and brackish-water marshes

9B Vegetated low banks

8B Sheltered solid man-made structures

List of Resources at Risk:

| | Resource Name | Status | Presence | Sensitivity |
|---------|-----------------------------|---------|------------|-------------|
| Birds | California Ridgeway's rail | FE, SE | Year-round | Feb-Aug |
| Birds | California black rail | FP, ST | Year-round | Mar-Aug |
| Birds | common yellowthroat | FP, SSC | Year-round | Jjun-Aug |
| Fish | longfin smelt | ST | Year-round | Nov-May |
| Fish | chinook salmon - Winter-run | FE, SE | Year-round | Oct-May |
| Mammals | salt-marsh harvest mouse | FE, SE | Year-round | |
| Plants | soft bird's beak | FE, SR | Year-round | Jul-Nov |
| Plants | Mason's lilaeopsis | SR | Year-round | Apr-Nov |

FT-Federally Threatened, FE-Federally Endangered, FP-Federally Protected, SE-State Endangered, ST-State Threatened, SP -State Protected, SR-State Rare, SSC-Species of Special Concern, BGEPA-Bald and Golden Eagle Protection Act, SSSP-State Special Status Species

List of Key Contacts:

| Type | Name/Title | Organization | Phone |
|------|--------------------------------|---|----------------|
| C | /Coordinator | Native American Heritage Commission | (916) 373-3710 |
| C | /Coordinator | Northwest Information Center | (707) 588-8455 |
| T | /Environmental Program Manager | CA Dept. of Fish & Wildlife, Bay Delta Region | (707) 576-2837 |
| T | /Agency Representative | NOAA National Marine Fisheries Service | (562) 980-3232 |
| T | /Research Wildlife Biologist | US Geological Survey, SF Bay Estuary | (415) 859-1511 |
| T | /Spill Response Coordinator | USFWS, SF Bay-Delta Office | (916) 799-0588 |

C – Cultural, Historic, Archaeological; E – Entry/Owner/Access; O – Other; S – Safety; T – Trustee; X – Exclusion or Security

Additional Site Summary Comments:

Green and white sturgeon spawn in this river system during winter months. Shallow water, submerged obstructions likely.

Concerns and Advice to Responders:

Large extensive salt-marsh both north and south of the Napa River. Access can be difficult so emphasis should be put on stopping oil from entering into the marsh area.

Hazard and Restrictions:

Shallow water, submerged obstructions likely. Wind chop to three feet possible.

Site Strategies:**Site Validation Level: II**

Strategy: 2-583.1 Objective: Deflection/Collection: Deflect oil before it enters into the marsh area. There is little or no access once within the marsh. Use of diversion boom should be used to prevent oil from reaching the Strait.

Strategy: Deflect oil to a collection area near the entrance of Mare Strait at the Coast Guard dock using the jetties located on Mare Island and Vallejo (6,000 ft.). Two skimmers are required.

Table of Response Resources

| Equipment | Sub-Type | Size | Unit | QTY | Unit | Last Page Update |
|-----------|-----------------|----------|------|------|------|------------------|
| Boom | Harbor | 9x9 inch | | 6000 | feet | |
| Anchor | Danforth | 25 lb | | 20 | | |
| Vessel | Boom Boat | | | 2 | | |
| Vehicle | Skiff or Punt | | | 1 | | |
| Staff | Staff to Deploy | | | 8 | | |

Strategy: 2-583.2 Objective: Protection/Exclusion from shoreline marshes and wharf when exclusion strategy 2-583.1 is not successful

Strategy: 5,000 ft of 9X9+ Hboom may be necessary to protect the marsh, mudflat, and docks located approximately one mile upstream from entrance.

Table of Response Resources

| Equipment | Sub-Type | Size | Unit | QTY | Unit | Last Page Update |
|-----------|-----------------|----------|------|------|------|------------------|
| Boom | Harbor | 9x9 inch | | 5000 | feet | |
| Anchor | Danforth | 25 lb | | 17 | | |
| Vessel | Boom Boat | | | 2 | | |
| Vessel | Skiff or Punt | | | 1 | | |
| Staff | Staff to Deploy | | | 8 | | |

Logistics:

Directions: Take I-80 to Hwy 37 East, White Slough lies on either side of Hwy 37 between Sonoma Blvd and the Napa River Bridge. To get to Vallejo Launch Ramp take Wilson Ave South from Hwy 37. From the Launch Ramp Follow the E. Bank of Mare Island SE N. Hwy 37. Extensive marsh shoreline in convoluted area adjacent to Napa River north of Hwy 37. Shorelines varies with tide height and seasonal outflow. The marshes are included in the USFWS wildlife areas (San Pablo Bay National Wildlife Refuge).

Land Access: Land access is difficult based on tidal stage.

On-Water Limitations: Limitations: tidal depth, obstructions.

Facilities, Staging Areas, Command Posts, Available Equipment: Vallejo Marina, Mare Island Naval Station, Cal Maritime Academy & Solano County OES.

Communications Problems: Cell reception varies.

