

2-900-A Site Summary - Old River Mouth at San Joaquin River**2-900-A****County:** San Joaquin **ACP Division/Segment:****NOAA Chart:** 18661 Sacramento & San Joaquin River **Map Book:** SF Bay and Delta **Decimal Degrees:** 38.071855 -121.572358**Site Description:**

Site is from intersection of Old River and Deep Water Channel at R53 to Frank's Tract. This one mile long section of Old River is wide and deep with berm islands paralleling rip-rapped levees. The berm islands are vegetated with emergent freshwater marsh and scrub habitat. Waves and currents may be strong here.

Resources at Risk:*ESI and Habitat:* 6B Riprap

9B Vegetated low banks

8B Sheltered solid man-made structures

List of Resources at Risk:

| | Resource Name | Status | Presence | Sensitivity |
|----------|---|--------|----------|-------------|
| Fish | delta smelt | FT, SE | | Mar-May |
| Fish | longfin smelt | ST | | Nov-May |
| Fish | steelhead - Central/Northern California | FT | | Nov-Apr |
| Plants | Mason's lilaeopsis | SR | | Apr-Nov |
| Reptiles | giant garter snake | FT, ST | | Jul-Oct |

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 |
| E | /Manager | Central Delta Water Agency | (209) 969-7755 |
| E | /Dispatch, 24-hr | Contra Costa Water District | (925) 688-8374 |
| E | /Office | Mandeville Island Reclamation District | (209) 946-0268 |
| E | /Office | Webb Tract Reclamation District | (209) 943-5551 |
| O | /Dispatch, 24-hr | California Department of Water Resources | (916) 574-2714 |
| S | /Dispatch, 24-hr | Contra Costa County Office of the Sheriff | (925) 468-4421 |
| S | /Dispatch, 24-hr | San Joaquin Office of Emergency Services | (209) 953-6200 |
| T | /Environmental Program Manager | CA Dept. of Fish & Wildlife, Bay Delta Region | (707) 576-2837 |
| T | /Restoration Ecologist | US Department of Agriculture | (530) 304-2304 |
| 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:

This area is designated as a significant natural area by CDFW. There are several sensitive plant species that occur here also.

Concerns and Advice to Responders:

The concern is two-fold: first, that oil will be transported through this site to other parts of the delta; and second, that marsh islands and margins will be oiled. These marsh rich 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 sediments.

Hazard and Restrictions:

Aerial traffic beware of powerlines. Shallows at margins.

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

Strategy: 2-900.1 Objective: Exclusion booming Old River at the mouth. Wind wash and strong currents can be a problem.

Strategy: A) Set an exclusion-diversion boom across the mouth at a diagonal to land oil on the Mandeville levee. Anchor one end near the Webb Tract tip and set 1500' of 1500' of 9X9 Hboom diagonally to anchor the other end near the Mandeville levee. Leave a trailing boom length to maintain seal during tidal vacillations. B) Set 200' of 6X6 Sboom across mouth of slough parallel to the above boom. Anchor one end near the unnamed tule island tip and anchor the other near the Mandeville levee. Back with sorbent. C) Multiple layers may be necessary to brake the wave chop: repeat (step 1) as necessary.

Table of Response Resources

| Equipment | Sub-Type | Size | Unit | QTY | Unit | Last Page Update |
|-----------|-----------------|----------|------|------|------|------------------|
| Boom | Harbor | 9x9 inch | | 2000 | feet | |
| Boom | Swamp | 6x6 inch | | 200 | feet | |
| Boom | Sorbent | | | 200 | feet | |
| Anchor | Danforth | 22 lb | | 11 | | |
| Vessel | Boom Boat | | | 1 | | |
| Vessel | Skiff or Punt | | | 1 | | |
| Staff | Staff to Deploy | | | 5 | | |

Logistics:

Directions: Key access to site is by boat, from Stockton Deep Water Channel at R53 from marinas at Mokelumne. Vehicle access is very restricted: private levee roads via convoluted routes: Hwy 4 to Jersey Island Rd to private ferry to Webb Tract and Hwy 4 to Bacon Island Rd to Bacon Island to Mandeville Island.

Land Access: Access via levee roads when they are dry, stay off when saturated.

On-Water Limitations: Deep draft, except near shore. Nearest boat launch and marine service is at the mouth of the Mokelumne. Additional marine facilities are at Bethel Island or 8-mile road.

Facilities, Staging Areas, Command Posts, Available Equipment: Good deployment sites and facilities are at marinas above: rental boats, fuel, restaurants, water, and some camping and lodging. Consider the Mokelumne mouth as an area deployment site.

Communications Problems: Cell reception varies.

