

**2-581 -A Site Summary- Sonoma Creek / Napa Slough****2-581 -A**

County: **Sonoma, Napa, & Solano**  
USGS Quad: **Sears Point**

Thomas Guide Location  
AAA - Napa & So  
NOAA Chart: **San Pablo Bay 18654**

Latitude N  
3 8 009  
Longitude W  
122 024

Last Page Update : 1/1/1994
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**SITE DESCRIPTION:**

Sonoma Creek is the demarcation line between Solano & Sonoma Counties. It's adjacent to the USFWS wildlife areas (San Pablo Bay National Wildlife Refuge). Sonoma Creek and Napa Slough have a common mouth open to the northern end of San Pablo Bay. Levees control the waters of Sonoma Creek and Napa Slough. There are narrow marshes between the levees and the main channels, and between the levees and the waters of San Pablo Bay. There are extensive mud flats along the north shore of the bay.

**SEASONAL and SPECIAL RESOURCE CONCERN**

The marshes are an A priority all year. The Snowy plover, Least Tern, and San Pablo Song Sparrow nest from March through September. The adjacent Mudflats and open waters are heavily used by migratory shorebirds and waterfowl from September through April.

**RESOURCES OF PRIMARY CONCERN**

The marshes are important habitat for several endangered species: Saltmarsh harvest mouse, California Clapper Rail, California Least Tern, and threatened species: California Black Rail and Snowy Plover. Other species of concern are: the San Pablo Song Sparrow and the salt marsh wandering shrew.

This is an area of major importance to migrating waterfowl during the spring and fall migrations. Brown Pelican, and Peregrine Falcon and feeding shorebirds are often abundant in this area. Salt marsh Yellowthroat.

Several rare plants also live here, Marin knotweed, Polygonum marinense, delta tule-pea, Lathyrus jepsonii, soft bird's beak, Cordylanthus mollis ssp. Mollis, and Susin aster, Aster chilensis var. lentus.

**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
T		NOAA, National Marine Fisheries Service	(562) 980-3232
T	Joy Albertson	US Fish & Wildlife Service, SF Bay (NWR)	(510) 792-0222
E/T/L	Don Brubaker Refuge Mngr	US Fish & Wildlife Service, San Pablo Bay (NWR)	(707) 769-4200
O	John Takekawa	US Geological Survey, SF Bay Estuary Field Station	(707) 562-2000

**ADDITIONAL SITE SUMMARY COMMENTS:**

## 2-581 -A Site Strategy - Sonoma Creek / Napa Slough

County and Thomas Guide Location

AAA - Napa & So Sonoma, Napa, & Solano

NOAA CHART

San Pablo Bay 18654

## 2-581 -A

Latitude N

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### CONCERNS and ADVICE to RESPONDERS:

Last Page Update : 2/20/2011

Sonoma Creek and Napa Slough have a common mouth open to the northern end of San Pablo Bay. There are extensive mud flats along the north shore of the bay.

### HAZARDS and RESTRICTIONS:

Shallow water, submerged obstructions likely, eelgrass may foul propellers. Wind chop to three feet possible.

### SITE STRATEGIES

Strategy 2-581.1 Objective: Diversion/Collection: Prevent oil from entering the Napa-Sonoma marshes through Sonoma Creek.

Deploy 1500' of 9x9+ Hboom to create a diversion boom/collection pocket within Sonoma Creek downstream of Hwy 37 bridge. Create collection pocket on the east bank within 200' of Hwy 37 bridge. Access for oil recovery from parking lot.

Strategy 2-581.2 Objective: If significant recoverable oil is approaching Sonoma Creek from San Pablo Bay, create diversion/collection at mouth using skimmer.

At the mouth of Sonoma Creek, deploy 2 diversion legs (500' each) from each shore of 9x9+ Hboom with self propelled skimmer in center. Currents can be swift.

### 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
2-581.1	1500		400		10 8-10, 25lb. Danforths			1 self-prop		8	
2-581.2	1000	0	0	0	10 8-10 25lb Danforth type	2	1	1 SPS 0		6	2

### LOGISTICS

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

Hwy 37 crosses Sonoma Creek / Napa Slough between Novato and Vallejo. There are turnouts on both sides of the bridge to reach the collection points. To reach the collection point on Sonoma Creek, turn north on the road approximately 3/4 mile west of the Hwy 37 bridge over the Creek and Slough. Follow the road to the end, where it will split and follow the curve of the bend. To reach the collection point on the Napa Slough, turn north on the road at the east end of Hwy 37 bridge over the Creek and Slough. Follow the road along the south bank of the slough until the end at the Wes End Land Club. Sonoma Creek is the demarcation line between Solano & Sonoma Counties. It's adjacent to the USFWS wildlife areas (San Pablo Bay National Wildlife Refuge).

### LAND ACCESS:

### WATER LOGISTICS:

Limitations: depth, obstruction

Launching, Loading, Docking

and Services Available:

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

**COMMUNICATIONS PROBLEMS:** none known

### ADDITIONAL OPERATIONAL COMMENTS:

