

2-581-A Site Summary - Sonoma Creek / Napa Slough**2-581-A****County:** Sonoma **ACP Division/Segment:** SN - S - S002 SO - B - S001**NOAA Chart:** San Pablo Bay 18654 **Map Book:** AAA - Napa & So **Decimal Degrees:** 38.147952 -122.400988**Site Description:**

Sonoma Creek/Napa Slough is the demarcation between Solano & Sonoma Counties. It's adjacent to the San Pablo Bay National Wildlife Refuge (USFWS). Sonoma Creek/Napa Slough is tidally influenced and share 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 mudflats along the north shore of the bay. Small vessel access in/out Sonoma Creek from San Pablo Bay only at 2.0+ ft tides.

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

9B Vegetated low banks

10C Swamps

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Birds	Western snowy plover	FT, SSC	Year-round	Mar-Oct
Birds	California least tern	FE, SE	Mar-Sep	Apr-Jun
Birds	California black rail	FP, ST	Year-round	Mar-Aug
Birds	California Ridgeway's rail	FE, SE	Year-round	Feb-Aug
Birds	migratory waterfowl	FP	Sep-Apr	
Birds	common yellowthroat	FP, SSC	Year-round	Jun-Aug
Fish	longfin smelt	ST	Year-round	Nov-May
Mammals	salt-marsh harvest mouse	FE, SE	Year-round	

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	/Dispatch, 24-hr	Sonoma County Sheriffs	(707) 565-2231
T	/Environmental Program Manager	CA Dept. of Fish & Wildlife, Bay Delta Region	(707) 576-2837
T	/Oil Spill Point of Contact	NOAA National Marine Fisheries Service	(707) 480-3496
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:

Several sensitive plants and shrews occur in the area. Migratory waterfowl visit the area from September to April.

Concerns and Advice to Responders:

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

Hazard and Restrictions:

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

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

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

Strategy: 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.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		1500	feet	
Boom	Pom-pom			400	feet	
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
skimmer	self propelled			1		
Staff	Staff to Deploy			7		

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

Strategy: 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

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		1000	feet	
Anchor	Danforth	25 lb		4		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
skimmer	self propelled			1		
Staff	Staff to Deploy			7		

Logistics:

Directions: 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.

Land Access: Limited access from parking lot due to salt-marsh low level and saltwater intrusion.

On-Water Limitations: Limitations: depth, obstructions.

Facilities, Staging Areas, Command Posts, Available Equipment: None locally.

Communications Problems: Cell reception varies upon location.

