

2-575-A Site Summary - Tubbs Island**2-575-A****County:** Sonoma **ACP Division/Segment:** SN - S - S001 SN - S - S002**NOAA Chart:** 18654 SAN PABLO BAY **Map Book:** AAA - Napa & So **Decimal Degrees:** 38.131889 -122.42274**Site Description:**

Tubbs Island lies at the north-westerly apex of San Pablo Bay and extends from San Pablo Bay to Hwy 37. The site is bounded on the west by Tolay Creek (2-572) and to the east by Sonoma Creek/Napa Slough (2-581). The island is under jurisdiction of USFWS (part of San Pablo Bay National Wildlife Refuge) in conjunction with DFW. The two adjacent wetland wildlife areas bordering the east side of Tolay Creek, connect via gated channels and culverts. This salt-marsh habitat supports both listed species and resident species. The DFW marsh abuts up to Hwy 37. The much larger USFWS property abuts San Pablo Bay at Tolay Creek mouth with one mile of rip-rap frontage to the east and has three additional tidal inlets exchanging directly with San Pablo Bay. Underwater obstructions (tide dependent) nearshore as marsh front is eroding from wave action and fetch. Extremely shallow mudflats offshore from Midshipman Point east to Sonoma Creek (approx 3 linear miles).

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

9B Vegetated low banks

9 Hypersaline tidal flats

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
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	burrowing owl	SSC	Year-round	Mar-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	
Mammals	Suisun ornate shrew	SSC	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	/Agency Representative	NOAA National Marine Fisheries Service	(562) 980-3232
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:

Concerns and Advice to Responders:

Shoreline is eroding and extremely shallow nearshore. Vessel access at only the highest of flood tides (>5 ft). Vehicle access thru adjacent agriculture land or USFWS gate. Vehicle access does not reach shoreline and falls short by 1/3 of a mile. Transferring boom and anchors will be challenging to deploy from land and unlikely from water.

Hazard and Restrictions:

Underwater obstructions (tide dependent) consisting of pilings, rocks and various debris.

Site Strategies:**Site Validation Level: I****Strategy: 2-575.1 Objective:** Exclude Oil

Strategy: Deploy 3000 ft of Hboom offshore of the eroded section of Tubbs Setback to prevent any floating oils to enter salt-marsh restoration area. Access via water may be challenging based on tidal height. Place Hboom as close to shoreline as possible. Anchor offshore to maintain ability to access anchors as tidal cycles fluctuate.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9		3000	ft	
Vessel	boomboat			1		
Anchor	Danforth	22 lb		7		
Staff	Staff to Deploy			8		
Staff	Staff to Tend			2		

Strategy: 2-575.2 Objective:

Strategy: Create collection pocket w/ 100 ft of harbor boom on and use self propelled skimmer to collect skimmable quantities of oil as necessary. It will be challenging to collect skimmable oil due to shallow depths. Using a vacc-truck is a potential viable option or collection as there is an unmaintained access road through the wildlife area.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9		100	ft	
Anchor	Danforth	22 lb		3		
Staff	Staff to Deploy			3		
Staff	Staff to Tend			2		

Strategy: 2-575.3 Objective: Exclude Oil

Strategy: Contact USFWS Personnel to close gated culverts connecting the two wildlife areas to prevent oil from further contamination deeper into salt-marsh habitat.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Personnel				1		

Logistics:

Directions: Tubbs Island is located in Sonoma County, one mile east of Sears Point and eight miles west of the Napa River along Hwy 37. The parking lot/trailhead only accessible from EB Hwy 37.

Land Access: USFWS has a vehicle gate at the south end of the parking lot. There is an optional route thru the agriculture property just east of the USFWS parking lot. Coordinate with USFWS Personnel to obtain access thru locked gate.

On-Water Limitations: Shoreline access via vessel is difficult if not impossible due to the extreme shallows/mudflats unless there is spring tide or flood tide in excess of five feet. Numerous underwater hazards (tide range dependent) such as pilings, jagged rocks and debris.

Facilities, Staging Areas, Command Posts, Available Equipment: Contact USFWS Personnel to coordinate potential staging

areas or field posts.

Communications Problems: Cell reception varies based on users location.

