

2-376-A Site Summary - Alviso Slough**2-376-A****County:** Santa Clara **ACP Division/Segment:** SC - W - S003**NOAA Chart:** 18654 San Francisco
Bay Southern Part**Map Book:****Decimal Degrees:** 37.46208 -122.021794**Site Description:**

Site extends from the mouth on Coyote Creek inland for approx six miles to the railroad tracks at Alviso Marina. This is a waterway with marshes and mudflats near its mouth and along its banks. Alviso Slough is a water channel on the southwest shore of south San Francisco Bay, five miles southeast of the Dumbarton Bridge (Hwy 84) and the terminal end of Guadalupe River. It is a tributary to Coyote Creek encased by salt-marsh fringe habitat. The northeasterly first two miles of west margins are part of San Francisco Bay National Wildlife Refuge (USFWS).

Resources at Risk:*ESI and Habitat:* 9B Vegetated low banks

8C Sheltered riprap

10A Salt - and brackish-water marshes

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	California least tern	FE, SE	Apr-Sep	Apr-Jun
Birds	Alameda song sparrow	SSC	Year-round	Mar
Fish	longfin smelt	ST	Year-round	Nov-May
Mammals	salt-marsh harvest mouse	FE, SE	Year-round	
Plants	Delta tule pea	SSSP	Year-round	May-Jul
Plants	salt marsh bird's beak	FE, SE	Year-round	May-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	/Agency Representative, 24-hr	Cargill Salt	(510) 790-8182
O	/Office	Point Blue Conservation Science	(707) 781-2555
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:

A wide variety of bir species reside in the are.

Concerns and Advice to Responders:

The concern is oil and response impacts to marsh, wildlife, and rare and endangered birds, animals and plants which are present year-round. Primary objective is to minimize exposure by excluding oil from entering Alviso Slough. Secondary objective is to minimize exposure and impacts to bay frontage marshes by protective booming. Always of concern is the impacts resulting from response and cleanup: avoid trampling marsh and sensitive plants and animals, avoid disturbing soft mudflats, and avoid trampling oil into marsh sediments.

Hazard and Restrictions:

Be aware of overhead powerlines, shallow water and submerged hazards. Head of slough at marina almost completely silted in.

Site Strategies:**Site Validation Level: III**

Strategy: 2-376.1 Objective: Collection booming to prevent oil from entering Alviso Slough.

Strategy: Deploy 9x9 Harbor boom from both levees to skimmer in mid-channel. Create a collection pocket at the check gate. Vacc truck to remove accumulated product from levee. Use swamp boom across marsh and mudflat. Close the check gate to adjacent wildlife refuge area to prevent cross contamination.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		1000	feet	<i>Strategy Updated:</i> 10/5/2017 <i>Last Test:</i> 10/5/2017
Boom	Swamp	6x6 inch		2000	feet	
Boom	Sorbent			2000	feet	
Anchor	Danforth	22 lb		10		
Vessel	Boom Boat			2		
Vessel	Skiff or Punt			1		
skimmer	self propelled			1		
Staff	Staff to Deploy			10		

Strategy: 2-376.2 Objective: Deflect oil past slough and keep oil in Coyote Creek for skimming.

Strategy: a. Deflection boom, using 100' segments, along south shore of Coyote Creek to keep oil away from Alviso Slough and in deep water.

b. Deploy boom and skimmers near power line towers for collection.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		400	feet	
Anchor	Danforth	22 lb		4		
Vessel	Skiff or Punt			1		
skimmer	self propelled			1		
Staff	Staff to Deploy			4		

Strategy: 2-376.3 Objective: Protective booming of marsh front near mouth.

Strategy: Line marsh front near mouth with both swamp and sorbent boom.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp Boom	6x6		2000	feet	
anchors	Danforth		22	5		
Boom	Sorbent			2000	feet	
Anchor	Stakes			20		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			1		

Logistics:

Directions: Take Hwy 880 south to Hwy 237 west and exit at Zanker Road. Turn right on Zanker Road to Esteros Road. Follow Esteros Road to Access Road which leads to the Alviso Slough. Roadway access is secured by a locked gate. Contact San Jose/Santa Clara Water Pollution Control to gain entry. 700 Esteros Road, San Jose, CA (408) 945-5300 (24 hours). Access to levee from SFBNWR and Cargill Salt Co.

Land Access: 4WD year round.

On-Water Limitations: Shallow draft vessels <6'. Small boats at high tide at Alviso Marina. Redwood City launch ramp for all

Facilities, Staging Areas, Command Posts, Available Equipment: Alviso Marina Boat Launch Ramp (Public Access) located at 1195 Hope St, Alviso, CA 95002

Communications Problems: Good cell reception.

