

County: **Santa Clara**
 USGS Quad: **Mountain View**

Thomas Guide Location

Latitude N

Longitude W

37 27.0

122 01.0

NOAA Chart: **18654 San Francisco Bay Southern Part**

Last Page Update : 7/1/2017

SITE DESCRIPTION:

Site extends from the mouth on Coyote Creek inland for about six miles to the railroad track 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. It is a tributary to Coyote Creek surrounded by saltmarsh. The northeasterly and first two miles of west margins are part of San Francisco Bay National Wildlife Refuge.

SEASONAL and SPECIAL RESOURCE CONCERNS**RESOURCES OF PRIMARY CONCERN**

There are pickleweed and cordgrass marshes along the slough.

Sensitive bird species found here include: Endangered - California clapper rail, California least tern; Threatened - western snowy plover; California Species of Special Concern: saltmarsh common yellowthroat, Alameda song sparrow. Also, California brown pelican, American peregrine falcon, and large numbers of a wide variety of birds nest and winter here: shorebirds, waterfowl, wading birds, and waterbirds.

Sensitive animal species found here include: Endangered - salt marsh harvest mouse and CA Species of Special Concern -salt marsh wandering shrew.

The sloughs and mudflats are important habitat for fish, shellfish and infauna.

Sensitive plant species found here include: the Delta tule pea, (*Lathyrus jepsonii* ssp. *jepsonii*), and northcoast bird's-beak (*Cordylanthus maritimus* ssp. *Palustris*).

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

There are probably historic and cultural sites present. 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
O		SF Bird Observatory	(408) 946-6548
T	Joy Albertson	US Fish & Wildlife Service, SF Bay (NWR)	(510) 792-0222
E	Pat Metelli	Cargill Salt	(510) 790-8610
E/T	Eric Mruz Mgr - Don Edwards NWR	US Fish & Wildlife Service, SF Bay (NWR)	(510) 792-0222

ADDITIONAL SITE SUMMARY COMMENTS:

2-376 -A Site Strategy - Alviso Slough

County and Thomas Guide Location

Santa Clara

NOAA CHART

18654 San Francisco Bay Southern Part

2-376 -A

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CONCERNS and ADVICE to RESPONDERS:

Last Page Update :7/1/2017

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 and mudflats.

HAZARDS and RESTRICTIONS:

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

SITE STRATEGIES

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

Deploy 1000' of 9x9 Harbor boom from westside levee to refuge water check (east levee) to set up collection pocket. Contact USFWS Refuge to close gate. Use levee access road to set up vacc truck collection/oil removal.

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

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.

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

Line marsh front near mouth with swamp and sorbent boom.

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
2-376.1	1000			2000	5 Anchors and stakes	1	1	1	vacc truck	6	
2-376.2	400							1 SFS			
2-376.3	0			2000	20 stakes		1			4	

LOGISTICS

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

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. Site extends from the mouth on Coyote Creek inland for about six miles to the railroad track at Alviso Marina.

LAND ACCESS: 4WD

WATER LOGISTICS: Shallow draft vessels <6'

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Small boats at high tide at Alviso Marina. Redwood City launch ramp for all boats.

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

Alviso Marina

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:



Imagery: NAIP 2016, 60 cm resolution

<ul style="list-style-type: none"> Harbor / Curtain Boom Swamp / River Boom all other boom types 	<ul style="list-style-type: none"> Sorbent boom Berm, Dam, or Dike Filter fence Boom tow 	<ul style="list-style-type: none"> SSS - Shoreside Skimming System SFS - Stationary Floating Skimmer SPS - Self Propelled Skimmer TSA - Towed Skimming Array
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