

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

Thomas Guide Location

Latitude N

Longitude W

37 27.0

122 04.0

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

Last Page Update : 7/1/1996

SITE DESCRIPTION:

Site includes creek and marshes that fringe the banks inland (1.5 miles) to Hwy 101 and three quarters of a mile of bay frontage each side of the creek mouth. Located in the extreme South San Francisco Bay between Guadalupe Slough and Mountain View Slough, the creek channel is bounded by levees. This site is located within the San Francisco Bay National Wildlife Refuge. Tidal action extends about 1.5 miles upstream. Cargill salt evaporator ponds border the bayward half of the channel, while the landward channel is industrialized to different degrees. There are very extensive mudflats (up to a mile wide) in front of creek.

SEASONAL and SPECIAL RESOURCE CONCERN

An "A" priority for protection year-round due to saltmarsh, mudflats, and presence of special status species/habitat. Cargill salt water pond intake culverts throughout So. Bay area.

RESOURCES OF PRIMARY CONCERN

The salt marsh at this site supports marsh species which are sensitive and vulnerable entire year. The other major habitat of concern are the extensive shallow mudflats.

This site supports rich bird life including the endangered California clapper rail and a variety of herons, shorebirds and waterfowl.

The endangered salt marsh harvest mouse occurs in this area.

The mudflats are habitat for a diverse infauna (clams, worms, etc.) and are foraging habitat for fish and birdlife.

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
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:

2-374 -A Site Strategy - Stevens Creek

County and Thomas Guide Location

Santa Clara

NOAA CHART

18654 San Francisco Bay Southern Part

2-374 -A

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CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

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 Stevens Creek. 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 mud.

HAZARDS and RESTRICTIONS:

Aircraft beware of high power wires in the area. Vessels be aware of shallow water.

SITE STRATEGIES

Strategy 2-374.1 Objective: Exclude oil from entering the creek. Deflect oil down-coast.

Deploy several (3-4) layers of 100 ft 4x4 swamp boom in an inverted "V" formation (chevron) at mouth of creek. Place Sorbent booms between each layer. Responders may be able to use tidal barrier boom (if available) straight across mouth.

Strategy 2-374.2 Objective: Protective booming of marsh front

Line bayfront marshes w/ 7000 ft of oil snare or sorbent boom (not shown on diagram).

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no	tvce and gear	Boom boat	Skiffs punts	Skimmers No	Type	Special No and	Equipment or kinds	comment	staff deploy	Staff tend
2-374.1	0	400		800	8	anchors & stakes	0	2						4	
2-374.2	0		7000 SN	7000											

LOGISTICS

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

From Hwy 101, exit at Shoreline Blvd/Sterlin Rd and proceed bayward to Shoreland at Mountain View Park. Further vehicle access is restricted: for levee road access contact City of Mountain View or Cargill Salt Co. Site includes creek and marshes that fringe the banks inland (1.5 miles) to Hwy 101 and three quarters of a mile of bay frontage each side of the creek mouth. Located in the extreme South San Francisco Bay between Guadalupe Slough and Mountain View Slough, the creek channel is bounded by levees. This site is located within the San Francisco Bay National Wildlife Refuge.

LAND ACCESS: LG truck, 2WD : Levee roads impassable in winter.

WATER LOGISTICS: Very shallow/no access at low tide

Limitations: depth, obstruction

Launching, Loading, Docking Launch skiffs upstream at mid to high tide.

and Services Available:

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

Stage upstream in business parking area..

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:

