

County: **Alameda**
 USGS Quad: **Newark**

Thomas Guide Location
 AAA Hayward - U

Latitude N
 37.54
 Longitude W
 122.12

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

Last Page Update : 10/1/2002

SITE DESCRIPTION:

A large contiguous section of marsh located along the east side of south San Francisco Bay and bounded on the north by Coyote Hills Slough (Alameda County Flood Control Channel), on the east by the Coyote Hills, on the south by Highway 84, and on the west by San Francisco Bay. The marsh is surrounded by Cargill salt ponds on three sides and is part of the Don Edwards San Francisco Bay National Wildlife Refuge. The bay front edge of this site is not leveed and is therefore vulnerable to oiling. Mudflats extend 1000's of feet from the site. The site consists of a contiguous salt marsh, approximately 1/4 mile wide, running approximately 1.2 miles along the east bay shoreline beginning from below the mouth of Coyote Hills Slough and surrounded to the north, east and south by three salt ponds. Ideal Marsh is fed by numerous small channels linked directly to the bay and has several small coves which function as natural collection areas.

SEASONAL and SPECIAL RESOURCE CONCERN

The marsh is an "A" priority all year.

RESOURCES OF PRIMARY CONCERN

Wetlands and tidal flat habitats are present at this site. Endangered Species located year round at this site. The salt ponds surrounding the site are heavily used by migratory waterfowl, and shorebirds.

The endangered California clapper rail and salt marsh harvest mouse live in the marshes. Salt marsh habitat and shallows with complement of fauna and flora.

Nesting California gulls are found on levees in the ponds next to Ideal Marsh and represent a concern for response.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Ohlone cultural sites are nearby. 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 |
|------|---------------------------------|--|----------------|
| 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:

2-328 -A Site Strategy - Ideal and USFWS N-5 Marshes

County and Thomas Guide Location

AAA Hayward - U Alameda

NOAA CHART

San Francisco Bay, Southern Part

2-328 -A

Latitude N

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CONCERNS and ADVICE to RESPONDERS:

Last Page Update : 10/1/2002

The main concerns are the very sensitive marsh and mudflats here, which are almost impossible to cleanup. The intention is to prevent oil from entering the marsh. Avoid disturbing or trampling marsh vegetation. Should oil enter the marsh, expect injury and death of marsh vegetation, small mammals, shorebirds and waterfowl.

HAZARDS and RESTRICTIONS:

Shallow water. Seas to 3 feet. Soft mud.

SITE STRATEGIES

Strategy 2-328.1 Objective: Deflection booming. Deployment of this strategy should be followed by strategy 2 or 3, as time and resources permit.

On an incoming tide or oil coming from the northwest, deploy 2000 ft of 9X9+ Hboom from northern edge of Ideal Marsh angled to the southwest to divert oil from contacting the marsh. On outgoing tide and oil coming from the south bay or bridge, deploy same length of harbor boom from southwest corner of Ideal Marsh to the northwest. High currents (up to 5kts) require shallow angle for deployment. Can be accomplished with 2 skiffs and 6 people. Shallow draft boom boat would also be useful. Boom can be delivered by truck on levee roads to north and south of Ideal Marsh. Use 50 ft of oil snare, 100ft of sorbent boom to collect oil that may accumulate. Contact IC/UC if oil accumulates in skimmable quantities.

Strategy 2-328.2 Objective: Exclude oil from entering Ideal Marsh. Should oil enter the marsh, contain oil to the smallest possible area of the marsh.

a) Deploy 6500 ft of 9X9+ Hboom along 1.2 miles of Ideal Marsh shoreline. Can be accomplished with 4 skiffs and 12 people. Boom can be delivered by truck on levee roads.

b) Deploy 1000 ft of swamp boom in 100-200ft increments to block inlets to Ideal Marsh. Can be accomplished with 2 skiff and 6 people. Boom can be delivered by truck on levee roads. Inlets to marsh will need to be identified in the field.

Strategy 2-328.3 Objective: Oil Recovery by Shoreside skimming

Deploy skimmers if oil accumulates in skimmable quantities. Consult with IC/UC prior to the initiation of this strategy.

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 and kinds | staff deploy | Staff tend |
|-----------------|-------------|------------|-----------------|-----------|------------------------------|-----------|--------------|------------------|--|--------------|------------|
| 2-328.1 | 2000 | | 50 OS | 100 | 6 20#w/20'1/2"chain each | 1 | 2 | | stakes | | |
| 2-328.2 | 6500 | 1000 | 0 | 0 | 22 20# w/20' 1/2" chain each | 0 | 6 | 0 | stakes | | |
| 2-328.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 vos | 0 | | |

LOGISTICS

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

Hwy 880 to Newark. Take Highway 84 west to Dumbarton Bridge. Exit at Thorton Ave. and travel south for 0.8 miles to the wildlife refuge entrance on the right on Marshlands Rd. Drive 3 miles to end and then under Dumbarton Bridge to access salt pond levee to Ideal Marsh. An alternate route exists through Coyote Hills Regional Park. Launch ramp at San Leandro Marina. Take highway 880 to San Leandro. Take Marina Blvd. exit. Go west on Marina Blvd. to San Leandro Marina. A large contiguous section of marsh located along the east side of south San Francisco Bay and bounded on the north by Coyote Hills Slough (Alameda County Flood Control Channel), on the east by the Coyote Hills, on the south by Highway 84, and on the west by San Francisco Bay.

LAND ACCESS: Gravel roads to the bay border the Coyote Hills Slough channel.

WATER LOGISTICS: Shallow Draft Vessels <6'

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Boat launching available at Redwood Creek Boat Ramp and San Leandro Marina. Small skiffs may be launched from levees or small boat ramp at Refuge entrance off Thorton Rd.

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

This area is all part of the Don Edwards San Francisco Bay National Wildlife Refuge. A small staging area and access is available at the USFWS Headquarters and Visitor's Center on Marshlands Rd.

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS: Vehicle access is controlled by Alameda County Flood Control.

