

County: San Francisco

Thomas Guide Location

Latitude N

Longitude W

USGS Quad: San Mateo

3 7 36

122 22

NOAA Chart: 18649/18650 Entrance to SF Bay

Last Page Update : 10/1/2002

SITE DESCRIPTION:

This site is fringing marsh and a large tidal mudflat in a cove between the San Francisco International Airport runway and Coyote Point. The cove is a deeply recessed crescent to the west with riprap on some shores. In the eastern part of the site, along the south shore, two openings allow tidal flow to marshes behind the riprap shore. The eastern-most opening is Sanchez Creek. Shallow water and obstructive debris are present throughout this area.

SEASONAL and SPECIAL RESOURCE CONCERN

"A" protection priority year-round.

RESOURCES OF PRIMARY CONCERN

The major habitat types present are marshes, mudflats, and riprap. The marsh is at the back of the cove at the northwest margin and behind the riprap in the south side. Tidal mudflats span the site.

The endangered California clapper rail is a resident of the marsh. The cove serves as a feeding and resting area for waterfowl, wading birds and shorebirds. The mudflat is a feeding area for shorebirds. Waterfowl and shorebird use is highest in the fall and winter.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

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	Police (non-emergency)	San Francisco Airport (SFO)	(650) 821-7111
E	City of San Francisco	San Francisco, City and County of	(415) 701-2323

ADDITIONAL SITE SUMMARY COMMENTS:

2-361 -A Site Strategy - Airport Mudflat

County and Thomas Guide Location

San Francisco

NOAA CHART

18649/18650 Entrance to SF Bay

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CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

This site is used by endangered birds to breed and many other birds throughout the year for resting and feeding. The primary concern is to keep oil from entering the marshes and to keep oil out of the cove where birds gather. In addition, response activity itself can be severely damaging: avoid harassing wildlife, trampling marsh plants, treading oil into marsh and mud, or disturbing the tidal flat bottom.

HAZARDS and RESTRICTIONS:

Aircraft beware: this is in or near S.F. International Airport restricted airspace; hazards from incoming planes. Vessels beware of shallow water and submerged obstructions.

SITE STRATEGIES

Strategy 2-361.1 Objective: Exclude oil from entering slough openings and cove.

a) Deploy 7,600 ft of 9X9+ Hboom along the outer edge of the intertidal mudflat to exclude oil from the marsh. Line boom from SE corner of runway along mudflat to rip rap on southern shoreline.

b) Exclude oil from entrance to "pond" on south shore with 200 ft. of 9X9+ Hboom doubled back across entrance (100 ft. across two times)

c) Exclude oil from Sanchez Creek, a rip rapped slough channel leading to the large marsh along freeway. Deploy 400 ft. of 9X9+ Hboom in apex configuration out from channel entrance with two 200 ft legs each.

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
2-361.1	8200				35 35/20-40/danforth w chain	4	4		4 shallow draft boomboats		28

LOGISTICS

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

Vehicle access available near the shoreline: From Hwy 101, exit on Millbrae and drive along shoreline on Bayshore Hwy and Airport Blvd., or exit on Peninsula Ave and proceed bayward on Coyote Point Drive to Coyote Point County Recreation Area and Coyote Point Marina. This site is fringing marsh and a large tidal mudflat in a cove between the San Francisco International Airport runway and Coyote Point.

LAND ACCESS: Large truck.

WATER LOGISTICS: Extremely shallow waters and obstructions are limiting.

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Coyote Pt. Marina and Oyster Pt. Marina

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

Staging at Coyote Point Marina, Oyster Point Marina, possibly SF airport, and parking lots along south shore.

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS: SFO Airport has an exclusion zone within 200 yds of shoreline near the SE end of the runway.

