

County: **San Francisco**
USGS Quad: **San Francisco North**

Thomas Guide Location
AAA - San Franc

Latitude N
3 7 46

Longitude W
122 23

NOAA Chart: **Entrance to San Francisco Bay**

Last Page Update : 10/1/2002

SITE DESCRIPTION:

This site is the shoreline of San Francisco from Bay Bridge south to Islais Creek at Pier 90. Piers and shoreline under management of Port of San Francisco. This shoreline consists of man-made structures including piers, seawalls and riprap. The bottom of the channels generally consists of soft sediments. Currents can be strong, approaching 6 knots.

SEASONAL and SPECIAL RESOURCE CONCERN

Herring spawn on pier piling and various substrate during the winter (November - April).

RESOURCES OF PRIMARY CONCERN

Aquatic vegetation and invertebrates growing on pilings, seawalls and riprap may be injured by oil and cleanup activities. Herring spawn on these surfaces during the winter months.

Sea birds are present throughout the year.

Herring spawn along the pier pilings in the winter (November through April). Fish are present throughout the year.

Algae and invertebrates live on all surface pilings.

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
O	Richard Lee	SF Dept Public Health	(415) 554-9000
E	Sidonie Sansome	Port of San Francisco	(415) 274-8065

ADDITIONAL SITE SUMMARY COMMENTS:

2-350 -C/X Site Strategy - San Francisco South Collection Strategies

County and Thomas Guide Location

AAA - San Franc San Francisco

NOAA CHART

Entrance to San Francisco Bay

2-350 -C/X

Latitude N

3 7 46

Longitude W

122 23

Last Page Update : 12/18/2014

CONCERNS and ADVICE to RESPONDERS:

This collection strategy should be used to take advantage of the slow water between piers and the boats at anchor to divert oil out of swifter along shore currents to shoreline where collection is possible.

HAZARDS and RESTRICTIONS:

There are sunken obstructions to navigation in many areas, sunken vessels and old pier pilings.

SITE STRATEGIES

Strategy 2-350.1 Objective: Deflection to Collection at Pier 70 or shoreside collection

600 feet of 18"+ Hboom may be deployed from the southeast corner of pier 70 with collection pocket to collect oil on the flood tide. Use sorbent to back the collection pocket. The oil may be collected against the seawall north of the power plant intake with an additional 800' boom. If oil is inside of Pier 70, it will flow past unless shoreside leg deployed. Alternative is deflected to a self propelled skimming vessel from Pier 70.

Strategy 2-350.2 Objective: Deflection to Collection at Pier 80 for shoreside collection

Deploy 1500' 18"Hboom to deflect incoming oil on flood tide and to establish shoreside collection pocket at Pier 80.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no	tvoe and gear	Boom boat	Skiffs punts	Skimmers No	Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
2-350.1	600			100	3	22#+	1	1				5	
2-350.2	1500	0	0	0	4	4/22#+/danforth type	1	1	0	0		4	2

LOGISTICS

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

Boat launch ramp near Pier 50 at Mission Rock Resort, 817 China Basin St. Shoreline access from the Embarcadero and China Basin St. This site is the shoreline of San Francisco from Bay Bridge south to Islais Creek at Pier 90. Piers and shoreline under management of Port of San Francisco.

LAND ACCESS: There is access for large trucks on most piers and seawalls.

WATER LOGISTICS: There are underwater obstructions to navigation.

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Boat launching is available near Pier 50 at Mission Rock Resort, 817 China Basin St.

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

Flat paved areas for staging and field posts are common throughout this area.

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:

