

2-350-E/X Site Summary - San Francisco South Collection Strategies**2-350-E/X****County:** San Francisco **ACP Division/Segment:** SF - D - S001 SF - D - S006 SF - C - S001 SF - C - S007**NOAA Chart:** Entrance to San Francisco Bay **Map Book:** AAA - San Franc **Decimal Degrees:** 37.761698 -122.379304**Site Description:**

This site is the shoreline of San Francisco from Bay Bridge south to Islais Creek at base of Pier 80. This shoreline consists of man-made structures including piers, seawalls and rip-rap. Approx 3 linear miles of shoreline under management of the Port of San Francisco. The bottom of the channels generally consists of soft sediments. Currents near shoreline may be strong, depending on tidal height change, potentially reaching up to 6 knots on max flood/ebb tides.

Resources at Risk:

ESI and Habitat: 8B Sheltered solid man-made structures
 6B Riprap
 8D Sheltered rocky rubble shores

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Fish	Pacific herring		Year-round	Nov-Apr
Fish	longfin smelt	ST	Year-round	Nov-May

FT-Federally Threatened, FE-Federally Endangered, FP-Federally Protected, SE-State Endangered, ST-State Threatened, SP -State Protected, SR-State Rare, SSC-Species of Special Concern, BGEPA-Bald and Golden Eagle Protection Act, SSSP-State Special Status Species

List of Key Contacts:

Type	Name/Title	Organization	Phone
C	/Coordinator	Native American Heritage Commission	(916) 373-3710
C	/Coordinator	Northwest Information Center	(707) 588-8455
E	/Agency Representative, 24-hr	Port of San Francisco	(415) 336-0888
E	/Agency Representative, 24-hr	Port of San Francisco	(415) 819-8965
E	/Duty Officer (24hr)	San Francisco Dept. of Emergency Management	(415) 260-2591

C – Cultural, Historic, Archaeological; E – Entry/Owner/Access; O – Other; S – Safety; T – Trustee; X – Exclusion or Security

Additional Site Summary Comments:

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 pocket is possible.

Hazard and Restrictions:

There are submerged obstructions to navigation (tide dependent) in many areas, sunken vessels and old pier pilings. Proceed with caution.

Site Strategies:**Site Validation Level: II**

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

Strategy: 600 feet of 9X9 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.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		600	feet	
Boom	Sorbent			100	feet	
Anchor	Danforth	22 lbs		4		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			5		
Staff	Staff to Tend			2		

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

Strategy: Deploy 1500' 9X9 Hboom to deflect incoming oil on flood tide and to establish shoreside collection pocket at Pier 80.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		1500	feet	
Anchor	Danforth	22 lbs		6		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			4		
Staff	Staff to Tend			2		

Logistics:

Directions: Public boat launch ramp near Pier 52 at 679 Terry A Francois Blvd, San Francisco. Shoreline access from the Embarcadero and China Basin St.

Land Access: There is access for large trucks on most piers and seawalls. Contact Port of SF for access /coordination.

On-Water Limitations: There are submerged obstructions to navigation. Boat launching is available near Pier 52 at 679 Terry A Francois Blvd, San Francisco.

Facilities, Staging Areas, Command Posts, Available Equipment: Flat paved areas for staging and field posts are common throughout this area. Contact OES or Port of SF for potentially available IC.

Communications Problems: Excellent cell reception.

