

2-352-B Site Summary - South Basin, Hunters Point**2-352-B****County:** San Francisco **ACP Division/Segment:** SF - A - S002 SF - A - S004**NOAA Chart:** 18649/18650 Entrance to SF Bay **Map Book:****Decimal Degrees:** 37.716009 -122.376079**Site Description:**

South Basin lies between Hunter's Point and Candlestick Point on the San Francisco Peninsula (Bayside). Yosemite Slough extends inland to the northwest from South Basin and is the site of a major salt-marsh restoration project beginning in 2011. Shoreline access under management of US Navy. At the head of South Basin is a narrow fringing marsh and mudflat, shorelines along Candlestick Point Shoreline has a combined sand, gravel and rip-rap, the majority of the remaining shoreline is composed primarily of concrete slab rip-rap.

Resources at Risk:*ESI and Habitat:* 6B Riprap

8D Sheltered rocky rubble shores

3A Fine- to medium-grained sand beaches

List of Resources at Risk:

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

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	/Environmental Scientist	California State Parks	(831) 335-6384
E	/Dispatch, 24-hr	California State Parks (Dispatch)	(916) 358-0333
E	/Archaeologist	California State Parks, Diablo Vista District	(707) 769-5652
E	/Duty Officer (24hr)	San Francisco Department of Emergency Manage	(415) 260-2591
O	/Office	Point Blue Conservation Science	(707) 781-2555

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

Additional Site Summary Comments:

Several sensitive plant species occur in the area as well as high concentrations of migratory bird species during fall and winter.

Concerns and Advice to Responders:

This site is used by large numbers of birds, particularly in fall/winter, and there are marshes and mudflats which are vulnerable to oiling. The primary concern is to keep oil out of pocket coves by exclusion booming and collection. Always a concern is that response and cleanup will result in impacts: avoid disturbing wildlife, trampling vegetation, tearing up eelgrass beds with anchors and boat props, and tracking oil into marsh and mudflat sediments.

Hazard and Restrictions:

Vessels beware of shallow waters and obstructions. Shoreline composed of large concrete slabs may be unstable. Access shoreline with great caution at proper tide window.

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

Strategy: 2-352.1 Objective: Exclusion/protection booming to prevent oil from reaching marsh in South Basin or beaches at Candlestick Point.

Strategy: a. Deploy 1,500 ft. of 9X9+ Hboom across narrowed opening to inner South Basin to exclude oil from marsh and mudflat. Place skimmer at apex of boom if oil collects here.

b. Deploy 2,000 ft of 9X9+ Hboom in a J-hook configuration from middle point at the opening of the inner South Basin to the inside of Candlestick Point. Place skimmer or vacuum truck hose at J-hook pocket near shore if oil collects here.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		3500	feet	
Anchor	Danforth	22 lbs		7		
Vessel	Boom Boat			2		
Vessel	Skiff or Punt			1		
skimmer	self propelled			1		
Staff	Staff to Deploy			8		
Staff	Staff to Tend			2		

Strategy: 2-352.2 Objective: Deflect oil away and past site.

Strategy: Deploy deflection with 500 ft of 9X9+ Hboom off end of Navy pier.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		500	feet	
Anchor	Danforth	22 lbs		3		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			4		
Staff	Staff to Tend			2		

Logistics:

Directions: Site is south of San Francisco at Candlestick Point area. Exit Hwy 101 at 432 exit and Take Evans Ave and Innes Ave to La Salle Ave proceed to Candlestick Point State Recreation Area.

Land Access: Good access of all types although may be under new ownership.

On-Water Limitations: Shallow water and multiple underwater obstructions (tide dependent). Oyster Point Marina, and boat launches near piers 70 and 50.

Facilities, Staging Areas, Command Posts, Available Equipment: Staging at Candlestick Point. Access restricted from land for heavy trucks. Contact Park Maintenance.

Communications Problems: Excellent cell reception throughout South Bay.

