

**4-665-C Site Summary - Santa Barbara Harbor****4-665-C****County:** Santa Barbara **ACP Division/Segment:** SB - R - S02 SB - R - S03**NOAA Chart:** 18725(d)**Map Book:** 996 B-C x 5-6**Decimal Degrees:** 34.40722 -119.68778**Site Description:**

This site extends from Santa Barbara Harbor to Stearns Wharf. Santa Barbara harbor is protected by a 0.25 mile long, south facing breakwater which is connected to a 0.25 mile long west facing sand bar. The harbor is dredged almost year round to keep it open. Stearns Wharf (approximately 0.65 miles long) is less than 0.25 mile east of the harbor entrance. Seabirds congregate on the breakwater, sand bar, in the harbor and at Stearns Wharf year round.

**Resources at Risk:***ESI and Habitat:* 8C Sheltered riprap

8B Sheltered solid man-made structures

6B Riprap

3A Fine- to medium-grained sand beaches

1B Exposed solid man-made structures

**List of Resources at Risk:**

	Resource Name	Status	Presence	Sensitivity
Birds	California least tern	FE, SE	Apr-Sep	
Birds	seabirds		Year-round	
Birds	Western snowy plover	FT, SSC	Year-round	
Invertebrates	rocky intertidal invertebrates		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	/	Central Coast Information Center	(805) 682-4711
C	/Coordinator	Native American Heritage Commission	(916) 373-3710
O	/Harbor Patrol	City of Santa Barbara	(805) 564-5530
O	/Fuel Dock	City of Santa Barbara Harbor	(805) 962-7186

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

**Additional Site Summary Comments:**

California least terns may be found foraging in the harbor from Apr-Sep. Also, historically Western snowy plovers have nested (Mar-Sept) on the sand spit near the harbor entrance. However, they have not been observed there in recent years.

**Concerns and Advice to Responders:**

The primary objective is to protect the harbor from environmental and economic injuries by excluding oil. Responders may also have to respond to spills that originate from inside the harbor. It is critical to mount a rapid response to control, contain, and cleanup the spill before it affects resources inside the harbor.

**Hazard and Restrictions:**

A. Water Contamination - Unhealthy levels of coliform bacteria have been found intermittently in Santa Barbara County. Use appropriate PPE, safety procedures, and include reference to potential health problems in any site safety plan.

B. Safety Considerations - Beware of boat traffic, pedestrians, waves, fuel vapors, slips, trips and falls. Account for tides, surf, and weather during operations.

**Site Strategies:****Site Validation Level: III****Strategy: 4-665.1 Objective:** Exclude Oil

*Strategy:* A. Harbor Entrance - Deploy two exclusion booms across the harbor entrance (see diagram for boom orientation). Configure boom so that the oil is deflected to sandy beach for shoreline clean-up.

B. Place a harbor boom along the inside of the outer breakwater to collect oil seeping through or splashing over rocks. Line the inside of the harbor boom with sorbent booms to minimize leakage.

C. Oil Recovery - If there is recoverable oil present, deploy sorbents immediately and contact the IC regarding the use of skimmers.

D. Monitor and Maintain Booms - Constant monitoring and maintenance of booms will be necessary. Check for boom effectiveness and integrity, overwash, leakage problems, boom positioning, security, and sorbent replacement as necessary.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			4000	feet	<i>Strategy Updated:</i> <i>Last Test: 9/28/2010</i>
Boom	Sorbent Boom			2500	feet	
Staff				14		
Anchor	Danforth			2		
Vessel	Boom Boat			2		
Vessel	Skiff or Punt			2		
skimmer				1		

**Strategy: 4-665.2 Objective:** Deploy Containment Boom

*Strategy:* When the source of the spill originates inside the harbor, surround the source of the spill with hard boom backed by sorbents. If needed, add secondary booms. Contact Incident Command immediately regarding appropriate recovery methods. NOTE: GASOLINE VAPORS ARE HIGHLY FLAMMABLE. USE EXTREME CAUTION.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			200	feet	
Boom	Sorbent Boom			200	feet	
Staff				3		

**Strategy: 4-665.3 Objective:** Shoreline Pre-Clean: Resource Specialist Supervision Required

**Strategy:** Consult with resource trustees regarding wildlife issues before undertaking this activity. Hand crews to move and store kelp, driftwood, vegetative debris, trash, and other materials above high-tide line. Dispose of trash. Replace unsoiled debris in its former location once the threat of oiling is past.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Staff				5		
Misc.	Trash Bags					

### Logistics:

**Directions:** From U.S. 101 take Castillo Street exit and follow signs to the harbor.

**Land Access:** Contact Santa Barbara Harbor Patrol for spill information, keys to access beaches, gated docks and marinas, berthing space, and boat assistance. Parking lot between Shoreline Drive and the Harbor has a parking kiosk when entering and exiting. Inform the attendant you are responding to a spill in the harbor.

**On-Water Limitations:** Santa Barbara Harbor is a full service civilian harbor with berthing, launching and fueling.

**Facilities, Staging Areas, Command Posts, Available Equipment:** The launch ramp is in the marina; the crane hoist is at the commercial dock. Staging of equipment in marina parking lot or dock requires permission from the Harbormaster. Restaurants, public restrooms, marine supplies, drydock and other activities are present.

**Communications Problems:** None

**Additional Operational Comments:** Due to the probable occurrence of western snowy plovers and/or California least terns at this site, please review the Sandy Beach Site Summary and Strategies (Site 4-000-A) for information on response operations when dealing with these sensitive species.



