

2-304-A Site Summary - Middle Harbor Shoreline Park**2-304-A****County:** Alameda **ACP Division/Segment:** AL - B - S004**NOAA Chart:** 18650**Map Book:****Decimal Degrees:** 37.806591 -122.324127**Site Description:**

Middle Harbor Shoreline Park consists of the cove inside the breakwater and Western Pacific Mole north to Seventh Street and encompassing beach and riprap habitat. This site is the former Oakland Naval Supply Depot and is now under management of The Port of Oakland. The shallow cove consists of mudflats, sand/gravel beachfront and rip-rap. The site has been restored by the Port of Oakland offering pocket sand beaches, and salt-marsh restoration in progress along southeastern edge. Patches of eelgrass vary seasonally within the shallow waters. The northern edge and southern boundary are primarily manmade or rip-rap shoreline habitat. BEWARE OF SUBMERGED HAZARDS (see diagram for seawall location) which may be underwater based on current tidal height.

Resources at Risk:*ESI and Habitat:* 8B Sheltered solid man-made structures

6B Riprap

5 Mixed sand and gravel beaches

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Birds	California black rail	FP, ST	Year-round	Mar-Aug
Birds	California least tern	FE, SE	Apr-Sep	Apr-Jun
Birds	Alameda song sparrow	SSC	Year-round	Mar
Birds	California Ridgeway's rail	FE, SE	Year-round	Feb-Aug
Fish	longfin smelt	ST	Year-round	Nov-May
Fish	Pacific herring		Year-round	Nov-Apr
Mammals	salt-marsh harvest mouse	FE, SE	Year-round	
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	/Dispatch, 24-hr	Alameda County Sheriffs Department	(510) 667-7721
E	/Office	Port of Oakland	(510) 773-9991
E	/Office	Port of Oakland	(510) 627-1469
O	/Office	Point Blue Conservation Science	(415) 663-8032
O	/Dispatch, 24-hr	The Marine Mammal Center	(415) 289-7350

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

Additional Site Summary Comments:

The primary concern at this site is the presence of T&E species: black rails, clapper rails, least terns and various migratory species and their respective habitat.

Concerns and Advice to Responders:

The main concerns are the very sensitive marshes and mudflats which support listed species habitats. These habitats are almost impossible to cleanup. The intention is to prevent oil from entering the marshes by diverting it to collection sites on water. Avoid disturbing or trampling marsh vegetation or trampling oil into the substrate.

Hazard and Restrictions:

Port of Oakland may have heavy big rig traffic getting into/out of the terminal facilities. There are several unmarked underwater obstructions near the northwest edge of the Pacific Mole. Average water depth is four feet depending on tidal stage.

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

Strategy: 2-304.1 Objective: Strategy 2-304.1 Objective: Exclude/Deflect oil from embayment by deflection to collection.

Strategy: Deploy a continuous line of harbor boom (2500' 9X9+ Hboom) across the harbor beginning from the Western Pacific Mole north to the sheetpile breakwall, making a 100° bend and terminating at the apex point of the Portview Park. Provide shoreline boom seal for tidal changes. A collection pocket may be set up at the end of the Mole or Portview Park to collect oil via vacuum truck or skimmer. Advise Incident Command if collectable quantities of oil are present. BEWARE of underwater obstructions near the tip of the Western Mole as indicated in site diagram.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		2500	feet	
Boom	Sorbent			2500	feet	
Anchor	Danforth	22 lbs		7		
Vessel	Boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			7		
Staff	Staff to Tend			2		

Strategy: 2-304.2 Objective: Backup initial exclusion strategy when strong winds or wave conditions are likely to move oil past initial exclusion deployment.

Strategy: Repeat the deployment with a second deployment (2500' 9X9+ Hboom). Back Hboom with 2500' absorbent boom and change out absorbent boom as necessary.

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Boom	Sorbent		feet	2500		
Anchor	Danforth	22 lbs		7		
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Vessel	boom Boat			1		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			7		
Staff	Staff to Tend			2		

Logistics:

Directions: From I-80 West take the last offramp before the Bay Bridge Toll aka West Grand/Maritime St. Keep right at the fork and follow signs to Maritime St/Harbor Terminals/7th St. Continue on Navy Roadway & turn right on 7th St.

2-304-A Site Strategy - Middle Harbor Shoreline Park**2-304-A**

Continue to Middle Harbor Shoreline Park located on the corner of 7th and Middle Harbor Rd. Middle Harbor consists of the cove inside the breakwater and Western Pacific Mole north to Seventh Street and encompassing beach and riprap habitat. This site is the former Oakland Naval Supply Depot and is now under management of The Port of Oakland. The land and restoration funds donated by the Port of Oakland.

Land Access: Access from 7th St and Middle Harbor Rd. Locked gates at night.

On-Water Limitations: Jack London Aquatic Center is the nearest launch/docking directly to the South located at 1st street/Embarcadero Way in Oakland. Ave depth of middle harbor is 4 feet. Beware of underwater hazards!

Facilities, Staging Areas, Command Posts, Available Equipment: Restrooms onsite, parking max at 30 vehicles.

Communications Problems: Good cell reception.

Additional Operational Comments: Ave depth of middle harbor is 4 feet. CAUTION: UNDERWATER HAZARDS MAY BE UNSEEN DUE TO TIDAL STAGE.

