	Thomas Guide Location	Latitude N	Longitude W
County: **Alameda**	SF Bay	37° 48.3'	122° 19.5'
USGS Quad: **Oakland West**	**NOAA Chart:** **18650**		

Last Page Update : 12/9/2010

SITE DESCRIPTION:

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. The shallow cove consists of mudflats, sand/gravel beachfront and riprap. The site has been restored by the Port of Oakland offering pocket sand beaches, and salt marsh restoration in progress along southeastern edge. The northern edge and southern boundary are primarily riprap habitat.

SEASONAL and SPECIAL RESOURCE CONCERN

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.

RESOURCES OF PRIMARY CONCERN

Site is currently under restoration and habitats at highest risk are saltmarsh near the southeast corner on Middle Harbor area and mudflats when exposed at low tides.

Mudflats are foraging habitat for waterfowl, wading birds and shorebirds during low tide. Salt marsh provides habitat for foraging and rearing for many species of birds and potentially small mammals. Beach and dunes also provide foraging and roost habitat for many species of birds. The marshes are nesting habit for endangered California clapper rail, herons, egrets and resident shorebirds. Endangered California least terns are known to occur seasonally (summer) in the area. The site lies within Black Rail projected range within the Bay Area. Song sparrow (Special Status) are known to utilize adjacent tidal salt and brackish marshes.

The salt marsh provides habitat for the Salt Marsh Havest Mouse and California Clapper Rail (state & federally endangered).

Patches of eelgrass varies seasonally. Salt marsh restoration in progress along southeast shoreline.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Site is built on the site of the former Oakland Naval Supply Depot. 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
E	Jeff Jones Environmental Scientist	Port of Oakland	(510) 563-3361

ADDITIONAL SITE SUMMARY COMMENTS:

County and Thomas Guide Location   NOAA CHART   Latitude N   Longitude W

SF Bay Alameda   **18650**   37° 48.3'   122° 19.5'

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

The main concerns are the very sensitive marshes and mudflats which support listed 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.

HAZARDS 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

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

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 indicted in site diagram.

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

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

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no	type and gear	Boom boat	Skiffs punts	Skimmers No	Type	Special No	Equipment or and	comment kinds	staff deploy	Staff tend
2-304.1	2500	0	0	0	7	7/22+ Danforth	2	1	0	SSS	0			7	2
2-304.2	2500	0	0	2500	7	7/22+ Danforth	2	1	0		0			7	2

LOGISTICS

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

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. 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

WATER LOGISTICS:
Limitations: depth, obstruction   Ave depth of middle harbor is 4 feet. Beware of underwater hazards
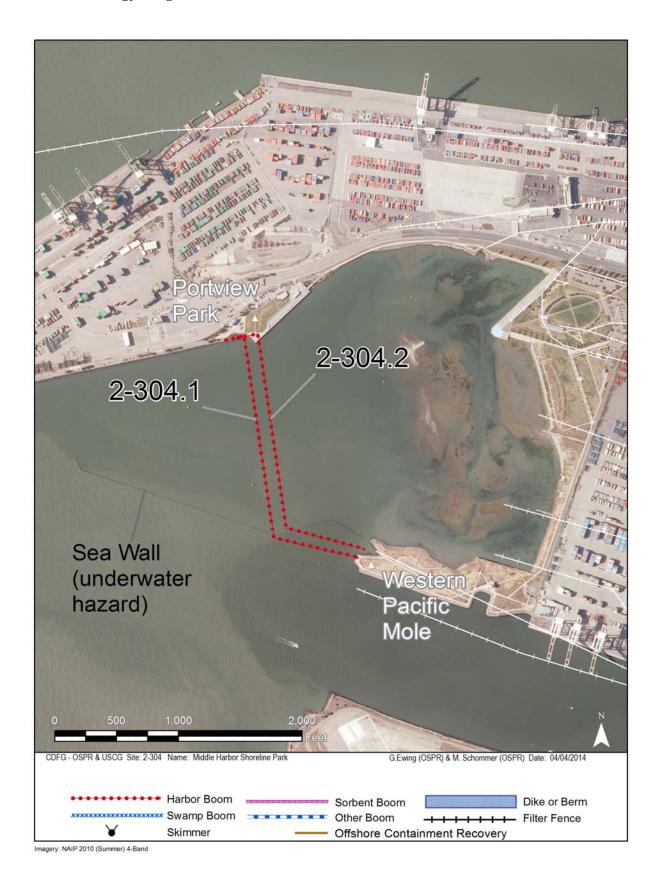
Launching, Loading, Docking   Jack London Aquatic Center is the nearest launch/docking to the South located at 1st
and Services Available: street/Embarcadero Way in Oakland.

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

Restrooms onsite, parking max at 30 vehicles.

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:

Portview
Park

2-304.1

2-304.2

Sea Wall
(underwater
hazard)

Western
Pacific
Mole

| 0 | 500 | 1,000 | 2,000 |
Feet

N

CDFG - OSPR & USCG Site: 2-304 Name: Middle Harbor Shoreline Park   G.Ewing (OSPR) & M. Schommer (OSPR) Date: 04/04/2014

•••••• Harbor Boom	Sorbent Boom	Dike or Berm
xxxxxx Swamp Boom	Other Boom	Filter Fence
Skimmer	Offshore Containment Recovery	

Imagery: NAIP 2010 (Summer) 4-Band