

**County:** San Diego**ACP Division/Segment:** SD - E - S009**NOAA Chart:** 18765**Map Book:** 1267 H4**Decimal Degrees:** 32.76 -117.244**Site Description:**

The bay entrance is approximately 800 feet wide. Mission Bay entrance and San Diego River complex is approximately 0.75 miles long. The entire channel is constructed of large boulder riprap. The south jetty has been engineered with a "notch" about one-half mile in to aid in movement of storm water flow from the San Diego River located immediately adjacent to the entrance channel south jetty. These two channels are integrated into a single response strategy with several prioritized components. Numerous species of birds, intertidal invertebrates, and wetland vegetation are present in this complex environmental setting.

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

3A Fine- to medium-grained sand beaches

**List of Resources at Risk:**

	Resource Name	Status	Presence	Sensitivity
Birds	Belding's savannah sparrow	SE	Year-round	
Birds	California least tern	FE, SE	Feb - Sep	
Birds	Western snowy plover	FT, SSC	Year-round	
Birds	Light-footed Ridgway's rail	FE, SE	Year-round	
Plants	Nuttall's lotus	SR	Variable	
Plants	estuary seablite	SR	Year-round	
Plants	coast woolly-heads	SR	Variable	

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	South Coastal Information Center	(619) 594-5682
O	/Lifeguard Dispatch (24hr)	Mission Bay Harbor Patrol/Lifegaurds	(619) 224-2708
T	/Dispatch (24hr)	Mission Bay Park Rangers	(858) 581-7602

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

**Additional Site Summary Comments:**

The City of San Diego and Mission Bay Harbor Patrol control access to the parking and staging areas on the north side of the San Diego River Channel.

**Concerns and Advice to Responders:**

Refer to ACP Site 6-000-A for important information on beach nesting birds that use this site. Be prepared to use site monitors to evaluate and minimize any potential negative effects (especially to listed species), that could result from cleanup and response activities at this site.

**Hazard and Restrictions:**

The entrance to Mission Bay can experience strong oceanic swells and currents in the area designated for strategic boom protection.

**Site Strategies:****Site Validation Level: III****Strategy: 6-304.1 Objective:** Exclude Oil

*Strategy:* Deploy boom in the Mission Bay entrance channel beginning from the north side near Mariner Basin across the channel to the eastern bend of the south jetty. The boom should be deployed with sufficient angle to allow deflection of petroleum into the southeast anchor point on an incoming tide.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			900	feet	<i>Strategy Updated:</i> <i>Last Test: 7/12/2016</i>
Anchor	Danforth	25 lb		2		
Skimmer				1		
Staff	Staff to Deploy			4		

**Strategy: 6-304.2 Objective:** Exclude Oil

*Strategy:* Deploy boom from the San Diego River beginning on the south side of the Mission Bay entrance jetty across the river channel to the sandy shoreline. The boom should be deployed with sufficient angle to allow deflection of petroleum to the southeast attachment point. A shallow capture basin can be dug out of the shoreline to facilitate skimmer operations.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			500	feet	<i>Strategy Updated:</i> <i>Last Test: 2/10/2015</i>
Anchor	Danforth	25 lb		2		
Skimmer				1		
Staff	Staff to Deploy			3		

**Strategy: 6-304.3 Objective:** Exclude Oil

*Strategy:* Deploy boom across the entrance channel (west-east) from Mariner Basin to the Quivira Basin breakwater. The boom should be deployed with sufficient angle to allow deflection of petroleum to the northeast at the Quivira Basin attachment point (south of the basin inlet) for skimmer operations.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			1200	feet	<i>Strategy Updated:</i> <i>Last Test: 10/17/2017</i>
Anchor	Danforth	25 lb		1		
Skimmer				1		
Staff	Staff to Deploy			2		

**Strategy: 6-304.4 Objective:** Exclude Oil

*Strategy:* Deploy boom across the entrance channel (west – east) from the shoreline north of Mariners Cove inlet to a point south of the Mission Bay Drive bridge on the Quivira Basin shoreline. The boom should be deployed with sufficient angle to allow deflection of petroleum to the northeast at the Quivira Basin attachment point (north of the basin inlet) for skimmer operations.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			1200	feet	<i>Strategy Updated:</i> <i>Last Test:</i> 11/15/2022
Anchor	Danforth	25 lb		1		
Staff	Staff to Deploy			2		

**Strategy: 6-304.5 Objective:** Exclude Oil

*Strategy:* Close off the inlet of Quivira Basin. Be certain to provide coverage along the Quivira Basin inlet breakwater, because it is porous.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			500	feet	
Anchor	Danforth	25 lb		1		
Skimmer				1		
Staff	Staff to Deploy			2		

**Strategy: 6-304.6 Objective:** Exclude Oil

*Strategy:* Close off the inlet of Mariner Basin with boom.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			700	feet	<i>Strategy Updated:</i> <i>Last Test:</i> 11/15/2022
Anchor	Danforth	25 lb		1		
Staff	Staff to Deploy			2		

**Logistics:**

*Directions:* A boat launch ramp is located in the Dana Basin which can be accessed from the I-5 freeway by exiting Sea World Drive and heading west to Mission Bay Drive. Access to the lower reach of the San Diego River is available from the parking lot near the beach at Ocean Beach. The bay entrance is approximately 500 feet wide.

*Land Access:* All access is available.

*On-Water Limitations:* The Bay has many 24-hr public boat launching facilities that can be used for equipment deployment. Vessels can also launch and transit from San Diego Bay to Mission Bay in under two hours, weather permitting. Vessel traffic plans should be established if boom deployments will impede navigation in Mission Bay.

*Facilities, Staging Areas, Command Posts, Available Equipment:* Numerous parking and staging areas are located around the bay.

*Communications Problems:* None.

*Additional Operational Comments:* The response strategy is comprised of six individual segments numbered in the order of their respective deployment priority. The degree to which the full complement is deployed is dependent upon the severity of the protection needed. This is a popular beach area with lots of public use year-round.

Snowy Plover / Least Tern Nesting Site. Please refer to ACP Site 6-000 before deploying response resources to this sensitive site.



CDFW - OSPR & USCG Site: 6-304 Name: Mission Bay Entrance

A. Caputo (OSPR) & D. Lyons (OSPR) Date: 2/28/2023

--- Harbor Boom      [Cross-hatched Box] Nesting Area