

**6-270-A Site Summary - San Dieguito Lagoon****6-270-A****County:** San Diego**ACP Division/Segment:** SD - D - S005 SD - D - S006**NOAA Chart:** 18765**Map Book:** 1187 F2**Decimal Degrees:** 32.97504 -117.27087**Site Description:**

This site is within the following Marine Protected Area: San Dieguito Lagoon State Marine Conservation Area, and is governed by special protections established by the CDFW Marine Region. San Dieguito Lagoon is a large coastal lagoon that was restored as part of the environmental mitigation for the San Onofre Nuclear Generating Station. In the past, the lagoon mouth was strongly influenced by rainfall and ocean storm events. The mouth would often become closed with sand during the summer, but it now remains open since it was dredged as a part of the restoration project. The lagoon and river are tidally influenced up to 2.5 miles east of the mouth. Maintenance dredging is mandated to keep the mouth open until around the year 2050.

**Resources at Risk:***ESI and Habitat:* 10A Salt - and brackish-water marshes

8C Sheltered riprap

**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	coastal California gnatcatcher	FT, SSC	Year-round	
Birds	Light-footed Ridgway's rail	FE, SE	Year-round	
Plants	estuary seablite	SR	Year-round	
Plants	sand-loving wallflower	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	/Non-emergency Line	San Diego Police/Sheriffs Department	(858) 484-3154
T	Gabriel Penaflor/Reserve Manager	California Department of Fish and Wildlife	(858) 467-4249
T	/Main Office	City of Del Mar Fairgrounds	(858) 755-1161
T	/Security (24hr)	City of Del Mar Fairgrounds	(858) 792-4271
T	/Public Works Division	City of Del Mar Public Works	(858) 704-3678
T	/Spill Coordinator (24hr)	US Fish and Wildlife Service, Carlsbad Office	(760) 607-9768

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

**Additional Site Summary Comments:**

The mouth of the San Dieguito River continues to change following recent mitigation maintenance dredging in the channel. Migration of sediment in the channel up and downstream of the Pacific Coast Highway Bridge has made booming strategy locations difficult to prescribe since 2014.

**Concerns and Advice to Responders:**

San Dieguito Lagoon has been restored by recent dredging activity resulting in tidal influence inland beyond the I-5 overpass. Response strategies near the mouth are designed to minimize the spread of oil during rising tides and keep oil out of the wetlands and tidal marsh habitat. Ocean waves entering the mouth can travel up the channel during storm events to the Jimmy Durante Boulevard overcrossing.

**Hazard and Restrictions:**

The channel is subject to swift currents that can create hazardous operational conditions.

**Site Strategies:****Site Validation Level: V****Strategy: 6-270.1 Objective:** Exclude Oil

*Strategy:* Deploy harbor boom diagonally across the channel on the east side of the PCH bridge. Strand the oil in the riprap on the southern shore just west of the railroad trestle.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			1100	feet	
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			4		

**Strategy: 6-270.2 Objective:** Exclude Oil

*Strategy:* Deploy boom across the channel from the fair grounds to the southern shore near the City maintenance yard, observing the onsite tidal current flow to determine which side to set first. Secure the two ends of the boom by either setting shoreline anchors or by using existing suitable line attachment points. To keep the boom from bowing with the current, plan to add at least two in-channel anchor points. Strategy was deployed during the Pipeline P00547 Incident and minimal oil was encountered.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			550	feet	<i>Strategy Updated:</i> <i>Last Test:</i> 10/3/2021
Staff	Staff to Deploy			4		
Staff	Staff to Tend			2		

**Strategy: 6-270.3 Objective:** Build Berm

*Strategy:* Close the river mouth to tidal flow by constructing a sand berm using borrowed sand from the lower beach face. Minimize sand relocation from the upper beach face. Note: Any berm constructed at this site will need to be removed quickly to protect the integrity of the mitigation project.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Heavy Equipment	Front Loader			1		
Staff	Staff to Deploy			1		

**Logistics:**

*Directions:* Access the lagoon from I-5 freeway. Exit Via De La Valle and head west to Jimmy Durante Blvd. Turn left on Jimmy Durante Blvd. to the lagoon. This site is within the following Marine Protected Area: San Dieguito Lagoon State Marine Conservation Area and is governed by special protections established by the DFW Marine Region.

*Land Access:* All access is available. The primary deployment site is from either the Del Mar Fair Ground parking lot or from 2126 Jimmy Durante Blvd Del Mar, CA 92014.

*On-Water Limitations:* Water access is limited to hand launched skiffs from the river banks between PCH and Jimmy Durante Blvd.

*Facilities, Staging Areas, Command Posts, Available Equipment:* The Del Mar Fairgrounds or a small staging area is located just west of PCH at the north end of the bridge.

*Communications Problems:* None

*Additional Operational Comments:*

