

**6-260-A Site Summary - Batiquitos Lagoon****6-260-A****County :** San Diego      **ACP Division/Segment :** SD - C - S014      SD - C - S015**NOAA Chart :** 18774      **Map Book :** 1126 J1      **Decimal Degrees** 33.0882 -117.3044**Site Description:**

This site is within the following Marine Protected Area: Batiquitos Lagoon State Marine Conservation Area, and is governed by special protections established by the CDFW Marine Region. Batiquitos is a large intertidal lagoon that extends inland approximately 1.5 miles from the open coast. It is transected by Pacific Coast Highway, a railroad trestle, and the Interstate 5 freeway. Due to its large tidal prism, the entrance channel experiences significant tidal flow velocities in excess of 10 knots. Beneath the I-5 bridge the current may exceed 6 knots. The shoreline is a combination of sand and mud, with a broad exposed mudflat in much of the area east of I-5 during low tide. East of I-5 the bottom is covered with an expansive eelgrass bed. Numerous species of birds, fishes, invertebrates, terrestrial mammals, submerged and emergent vegetation occur here.

**Resources at Risk:**

- ESI and Habitat:* 9A Sheltered tidal flats  
 8C Sheltered riprap  
 1B Exposed solid man-made structures

**List of Resources at Risk:**

	<b>Resource Name</b>	<b>Status</b>	<b>Presence</b>
Birds	Belding's savannah sparrow	SE	Year-round
Birds	light-footed Ridgway's rail	FE, SE	Year-round
Birds	California least tern	FE, SE	Feb - Sep
Birds	Western snowy plover	FT	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:**

<b>Type</b>	<b>Name/Title</b>	<b>Organization</b>	<b>Phone</b>
C	Dr. Seth Mallios/	South Coastal Information Center	(619) 594-5682
T	/	CA Dept of Fish and Wildlife	(858) 467-4201
T	Becky Ota/	CA Dept of Fish and Wildlife	(650) 631-6789
T	On Call/Spill Coordinator	US Fish Wildlife Service Carlsbad 24 hour	(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:**

This site is within the following Marine Protected Area: Batiquitos Lagoon State Marine Conservation Area, and is governed by special protections established by the DFW Marine Region. California least terns nest at three sites on the shoreline of Batiquitos Lagoon

**Concerns and Advice to Responders:**

Refer to ACP Site 6-000-A for important information on the 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:**

Strong currents in the established channels create navigational challenges especially for boom deployment efforts. Paired skiffs should be used for safe deployments.

**Site Strategies:**

**Strategy: 6-260.1 Objective:** Deflection boom the lagoon mouth to prevent upstream movement of oil.

*Strategy:* Deflection boom will need to be deployed in the entrance channel to deflect petroleum toward small embayments on the north and south side of the entrance channel for skimmer removal east of the PCH bridge.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			1200	feet	
Anchor	Danforth	25 lb		6		
Skimmer				2		
Staff	Staff to Deploy			9		

**Strategy: 6-260.2 Objective:** Exclusion boom the middle channel to prevent the spread of oil.

*Strategy:* Containment boom should be deployed inside the opening to the middle lagoon, beginning from east of the railroad trestle toward the northwest corner of the lagoon. Response equipment that can not be lifted manually from two potential shoreline locations must be lifted by crane on the I-5 bridge.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			1200	feet	
Anchor	Danforth	25 lb		6		
Vessel	Skiff or Punt			3		
Skimmer				1		
Staff	Staff to Deploy			10		

**Strategy: 6-260.3 Objective:** Deflection boom the inner channel to prevent the spread of oil.

*Strategy:* Install 800' of boom to deflect incoming oil to the northeastern shoreline of the inner lagoon. One end of the boom should be anchored on the shoreline east of the I-5 over-crossing. The boom should cross the estuary and be anchored so that a skimmer can be installed and maintained from the access trail on the northern bank.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			800	feet	<i>Strategy Updated:</i>
Anchor	Danforth	25 lb		8		<i>Last Test: 1/30/2014</i>
Vessel	Skiff or Punt			2		
Staff	Staff to Deploy			8		

**Logistics:**

*Directions:* Access into Batiquitos Lagoon is a significant challenge. The railroad trestle obstructs boat passage into the interior lagoon via the entrance channel. On the interior, only light skiffs can be launched from two potential boat entry points: on the north side east of I-5 near the interpretive center; and on the south side east of I-5 across the California least tern nesting area – but only during non-nesting season. Any heavy equipment could potentially be hoisted into the

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lagoon by crane from the I-5 Bridge.

*Land Access:* Access to the lagoon by land is very limited due to geography and private property concerns. The best

*On-Water Limitations:* Strong tidal currents. Response vessels are restricted to the west side of the railroad trestle due

*Facilities, Staging Areas, Command Posts, Available Equipment:* Staging area is available adjacent to Pacific Coast

*Communications Problems:*

*Additional Operational Comments:* California least terns nest in this area.



Imagery: NAIP 2016, 60 cm resolution