

**County:** San Diego**ACP Division/Segment:** SD - B - S004 SD - B - S003**NOAA Chart:** 18774**Map Book:** 409 K8**Decimal Degrees:** 33.29 -117.465**Site Description:**

This site is approximately 150 feet wide at the mouth. Las Flores Creek is strongly influenced by rainfall. During wet winter periods the creek mouth may be open to tidal exchange. However, in most months a natural sand berm forms creating a relatively small pond immediately upstream of the closed creek mouth. This area supports a diverse community of emergent marsh plants such as cattail and bulrush. Numerous species of birds, amphibians, invertebrates, and terrestrial mammals are attracted to this wetland habitat.

**Resources at Risk:**

*ESI and Habitat:* 3A Fine- to medium-grained sand beaches

**List of Resources at Risk:**

	Resource Name	Status	Presence	Sensitivity
Birds	Western snowy plover	FT, SSC	Year-round	
Birds	California least tern	FE, SE	Feb - Sep	
Fish	tidewater goby	FE, SSC	Variable	
Reptiles	Western pond turtle	SSC	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	South Coastal Information Center	(619) 594-5682
E	/Commanding Officer (24hr)	MCB Camp Pendleton Command Center	(760) 725-5061
T	/Resource Management Branch	MCB Camp Pendleton Environmental Security	(760) 725-4637
T	/Spill Prevention & Planning Section	MCB Camp Pendleton Environmental Security	(760) 763-1120
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:**

**Concerns and Advice to Responders:**

Strategically Dynamic: Assess current site conditions before selecting a response strategy or ordering response equipment.

**Hazard and Restrictions:**

Las Flores Creek is subject to flash flooding following rain showers.

**Site Strategies:**

**Site Validation Level: II**

**Strategy: 6-120.1 Objective:** Build Berm

*Strategy:* Close the creek 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.

Table of Response Resources

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

**Strategy: 6-120.2 Objective:** Deploy Sorbent Boom

*Strategy:* Deploy sorbent boom across the creek mouth to intercept floating oil. Plan to deploy two parallel layers of sorbent material if oil is threatening the wetland.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Sorbent Boom			400	feet	
Staff	Staff to Deploy			3		
Vessel	Skiff or Punt			1		

**Strategy: 6-120.3 Objective:** Erect Filter Fence

*Strategy:* Construct a filter fence across the creek mouth to prevent oil from entering the wetland on high tide.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Fence	Filter			300	feet	
Staff	Staff to Deploy			6		

**Logistics:**

*Directions:* Exit I-5 at Las Pulgas Road. At the base of the off-ramp turn left heading west toward the gated fence. Pass through the gate and immediately turn left (south) along the dirt road. Approximately one-half mile south turn right and head to the beach and mouth of Las Flores Creek.

*Land Access:* All access is available. Response vehicles should approach the site using the wet sand edge along the beach face to minimize potential disturbances to beach nesting bird habitat.

*On-Water Limitations:* Not practical from the Pacific Ocean.

*Facilities, Staging Areas, Command Posts, Available Equipment:* Staging is available at the north shore of the lagoon.

*Communications Problems:* None.

*Additional Operational Comments:* Camp Pendleton beaches south of this site have soft and deep shoreline sediments which may impact shoreline access in those areas.



