

**6-435-A Site Summary - Paradise Marsh**

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*County* : San Diego **ACP Division/Segment** : SD - J - S002*NOAA Chart* : 18773*Map Book* : 1309 H4*Decimal Degrees* 32.65567 -117.10861**Site Description:**

Paradise Marsh is a wetland that is connected to the San Diego Bay by the Sweetwater River Channel. A significant amount of effort has been made to restore this area to be a functional wetland especially for its natural resource value. The primary protection strategy seeks to exclude oil in the bay from moving up the Sweetwater River Channel and entering the wetlands. The secondary protection strategy was tested in February of 2012 for Paradise Marsh and for the back entrance to the "D' St. Fill Wetlands on the opposite side of the Channel.

**Resources at Risk:**

*ESI and Habitat:* 10A Salt - and brackish-water marshes  
8C Sheltered riprap

**List of Resources at Risk:**

	Resource Name	Status	Presence
Birds	Belding's savannah sparrow	SE	Year-round
Birds	California least tern	FE, SE	Feb - Sep
Birds	Western snowy plover	FT	Year-round
Plants	salt marsh bird's beak	FE, SE	Variable
Plants	intertidal mudflat		Year-round
Plants	salt marsh		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	Dr. Seth Mallios/	South Coastal Information Center	(619) 594-5682
T	Nancy Frost/CA least tern Survey	CA Dept of Fish and Wildlife	(858) 467-4208
T	/Southern Comms. Center (SURCOM) 24-hr	CA State Parks	(951) 443-2944
T	/Refuge Manager (Ext. 302)	S.D. Bay N.W.R	(619) 575-2704
T	/San Diego Coast District	State Parks and Recreation	(619) 688-3260
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:**

The primary protection strategy for Paradise Marsh is a boom placement located on the Sweetwater Channel west of the marsh flood channel. This boom (6.435.2) is designed to be joined with the boom protection strategy for Sweetwater Marsh NWR (6-440.2). A secondary protective boom can be installed at the channel opening that feeds water directly into the marsh (6-435.3).

**Concerns and Advice to Responders:**

There is a floating wire barricade to stop boats from going up the Sweetwater Channel. Secure the wire open before transiting up the channel.

**Hazard and Restrictions:**

Watch for submerged pilings in the Sweetwater Channel connection to the D St. Fill Site.

**Site Strategies:**

**Strategy: 6-435.1 Objective:** See the Cross-Bay Boom Strategy 6-420.

*Strategy:* Collect oil off-site using boom sets or towed boom arrays to prevent oil migration to this site.

Table of Response Resources

**Last Page Update**

**Strategy: 6-435.2 Objective:** Deploy boom to prevent oil spread in the area.

*Strategy:* This strategy begins at the L.M. Pepper Park boat launch ramp across to the south side of Sweetwater Channel. Protection strategy 440.2 is a direct continuation of this strategy (435.2).

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			500	feet	
Anchor	Danforth	25 lb		2		
Staff	Staff to Deploy			3		
Vessel	Boom Boat			1		

**Strategy: 6-435.3 Objective:** Exclude oil in Sweetwater Channel from entering the wetland.

*Strategy:* Deploy boom in the main channel to keep oil moving upstream on the incoming tide, and to keep it in the main channel on the outgoing tide so that it does not enter the marsh habitats in the north and south side channels.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			600	feet	<i>Strategy Updated:</i>
Anchor	Danforth	25 lb		4		<i>Last Test: 2/21/2012</i>
Vessel	Boom Boat			1		
Staff	Staff to Deploy			4		

**Logistics:**

*Directions:* To reach L.M. Pepper Park, take I-5 towards National City and exit at Mile of Cars Way/Bay Marina Drive. Go

*Land Access:* D Street Fill access limited April-September. This site is adjacent to street address: 3301 Tidelands Ave

*On-Water Limitations:* Responders must remove the boat exclusion wire that extends across the channel 600' east of the boat ramp. The channel wire is marked with small floats and secured at the shoreline with turn buckles. Bring a wrench

*Facilities, Staging Areas, Command Posts, Available Equipment:* Pepper Park Boat Launch parking lot at the terminal end

*Communications Problems:*

*Additional Operational Comments:*

