

**5-325 -A Site Summary- Bolsa Chica - Restored Wetlands****5-325 -A**County: **Orange Co.**  
USGS Quad: **Seal Beach**Thomas Guide Location: **857 E5**  
NOAA Chart: **18746**Latitude N Longitude W  
Decimal Degrees: **33.68344 -118.03593**  
ACP Division: **OR-A**

Last Page Update : 2/21/2013

**SITE DESCRIPTION:**

Restored (2006) coastal lagoon and wetlands complex. Completely surrounded by a levee with road. Extensive oil field production at the eastern portion of the wetland. There is no connection by water to the Inner Bolsa Chica (5-320A) sensitive site. Site is within the following State Marine Protected Area(s): Bolsa Chica Basin SMCA.

**SEASONAL and SPECIAL RESOURCE CONCERN**

Rank A - All year. Western Levee Road will have limited access during nesting season (April - September) and will require biological consultation before access during this period.

**RESOURCES OF PRIMARY CONCERN**

Coastal lagoon and wetlands complex.

California Least Tern (Federal and State endangered species), Western Snowy Plover (Federal endangered species) (both species nesting at man-made nesting islands), California Brown Pelican, Belding's Savannah Sparrow (State endangered species), seabirds, shorebirds, and waterfowl.

40 - 60 Species of finfish are expected to utilize basin.

Intertidal mudflat.

Pickleweed, Cord grass, Eel Grass

**CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES**

Contact the California Dept. of Parks and Recreation - Office of Historical Preservation at (916) 445-7000 and the South Central Coastal Information Center at (657) 278-5395 for specific information on historic or cultural resources in this area.

**KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)**

Type	Name / Title	Organization	Phone
E	Emergency Contact	Oxy Dispatcher (24 hr)	(562) 624-3452
E	Environmental Advisor	Oxy USA Inc. Huntington Beach	(562) 331-0378
E	Response Planner	Oxy USA Inc. Huntington Beach	(562) 256-4752
E	Safety Advisor	Oxy USA Inc. Huntington Beach	(562) 900-1560
O		Huntington Beach Fire Dept. (24 hr)	(714) 536-2501
O		Huntington Beach Police Dept. (24 hr)	(714) 536-5333
T	Nancy Frost CA Least Tern Survey	Calif. Dept. of Fish and Wildlife	(858) 467-4208
T		Calif. Dept. of Fish and Wildlife (24 hr)	(916) 358-1312
T		Calif. Dept. of Fish and Wildlife (Los Alamitos)	(562) 342-7100
T	OSPR Environmental Scientist	Calif. Dept. of Fish and Wildlife OSPR	(562) 342-7215
T	OSPR Environmental Scientist	Calif. Dept. of Fish and Wildlife OSPR	(562) 598-6203
T	OSPR Environmental Scientist	Calif. Dept. of Fish and Wildlife OSPR	(562) 598-2849
T	OSPR Technical Specialist	Calif. Dept. of Fish and Wildlife OSPR	(562) 598-4052
T	Kelly O'Reilly DFW Reserve Manager	Calif. Dept. of Fish and Wildlife Reg 5	(714) 840-1959
T	Orange Coast District	California State Parks	(949) 492-0802
T	Southern Comms Dispatch	California State Parks	(951) 443-2969
T	Elizabeth Petras	NOAA Fisheries Service	(562) 980-3238
T		U.S. Fish and Wildlife Service (24 hr)	(760) 607-9768
T		U.S. Fish and Wildlife Service (8am - 4:30pm)	(760) 431-9440

**ADDITIONAL SITE SUMMARY COMMENTS:**

## 5-325 -A Site Strategy - Bolsa Chica - Restored Wetlands

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### CONCERNS and ADVICE to RESPONDERS:

Last Page Update : 1/18/2011

To protect endangered and sensitive species and wetland habitat. Responders should watch for and avoid nesting birds and minimize disturbances to vegetation and mudflats. Avoid the spread of oil into the wetland through response activities.

### HAZARDS and RESTRICTIONS:

Watch weather and sea conditions such as high energy wave action at the wetland entrance. Watch for shallow sandbars at the wetland entrance, entry channel to the east of the inner bridge, and in the basin near the launch ramp. Tidal currents can be strong and dangerous in the entry channel and throughout the wetland. Loose rip-rap may be a hazard for shoreline activities.

## SITE STRATEGIES

Strategy 5-325.1 Objective: Offshore containment and recovery activities to minimize or avert oil from impacting shoreline habitats and wildlife.

- a) Recommended primary response strategy is on-water containment and recovery before oil reaches inlet.
- b) Pursue feasibility of alternative response technologies (e.g. dispersants and in-situ burning) before oil reaches the inlet.

Strategy 5-325.2 Objective: Deflection booming to prevent further intrusion of oil into wetland.

\*\*\*This strategy should only be used when there is enough water to safely deploy. It should be deployed only at higher tides and when there are no sandbars.\*\*\* Use deflection boom as per diagram to deflect oil to collection area at northeast corner of boom.

Strategy 5-325.3 Objective: Deflection booming to prevent further intrusion of oil into wetland.

Use deflection boom as per diagram to deflect oil to collection area at northeast corner of boom.

### Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
5-325.1	0	0	0 Ocea	0	0	0	0	0	ART & On-water containment and recovery	0	
5-325.2	0	0	2400 18"	0	4 Danforth 40 lb	0	1	2	each Stakes or 2500 lb shore anchors	4	
5-325.3	0	0	1700 18"	0	3 Danforth 40 lb	0	1	2	each Stakes or 2500 lb shore anchors	4	

## LOGISTICS

### DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

From Pacific Coast Highway in Huntington Beach, access through Bolsa Chica State Beach or access through Oxy USA Inc. one block east of Pacific Coast Highway off Seapoint Dr.

**LAND ACCESS:** Parking lot at Bolsa Chica State Beach for oceanside of inlet. Access through Oxy USA Inc. for tidal basin side of the inlet. Contact Oxy USA Inc.

**WATER LOGISTICS:** Shallow water and strong currents.

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Boat launch is available on the north side of the Oil Service Bridge. There are no docks. Fuel is available at nearby service stations north and south on Pacific Coast Highway.

### FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

Pre-staged booms stored in containers on the north side of the oil service bridge. This boom was originally purchased for spill response during the construction phase and should not be the first choice for the above strategies. It is in metric units and is not easily deployed since it is not on trailers. Contact the DFW Reserve Manager for use of this boom.

**COMMUNICATIONS PROBLEMS:** No obstructions or limitations to cell phone or radio usage in the area.

### ADDITIONAL OPERATIONAL COMMENTS:

As the bottom profile and currents are ever-changing in the new wetland, other options for additional protection could be considered such as berming the mouth with sand and fast water booming techniques. Additionally, Oxy's Bolsa Chica Tactical Response Manual has protection strategies for a spill from the surrounding oil field which could also be beneficial for an offshore spill.

