

4-790-A Site Summary - Mugu Lagoon**4-790-A****County :** Ventura **ACP Division/Segment :** VN - H - S04 VN - H - S05 VN - H - S06 VN - H - S07**NOAA Chart :** 18725(a) **Map Book :** 583 **Decimal Degrees** 34.10111 -119.09694**Site Description:**

Site bounded by Laguna Pt. to the NW and Pt. Mugu to the SW. Mugu lagoon is one of the largest coastal wetlands in the state, covering nearly 2,000 acres. The opening to the lagoon has a large boulder rip-rap seawall to the west and a highly dynamic sand spit to the east. Large surf conditions are common. Current at entrance typically 2-4 knots during flood and ebb tides. The lagoon is owned by the Department of Defense and managed by the Naval Base Ventura County, Point Mugu.

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

9B Vegetated low banks

9A Sheltered tidal flats

6B Riprap

3A Fine- to medium-grained sand beaches

List of Resources at Risk:

	Resource Name	Status	Presence
Birds	Belding's savannah sparrow	SE	Year-round
Birds	light-footed clapper rail	FE, SE	Year-round
Birds	herons		Year-round
Birds	egrets		Year-round
Birds	raptors		Year-round
Birds	shorebirds		Year-round
Birds	waterfowl		Year-round
Birds	California least tern	FE, SE	Apr-Sept
Birds	Western snowy plover	FT	Year-round
Fish	tidewater goby	FE	Year-round
Mammals	harbor seal	FP	Mar-June
Plants	salt marsh bird's beak	FE, SE	Year-round
Plants	eelgrass		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	/	Native American Heritage Commission	(916) 373-3710
C	/	South Central Coastal Information Center	(657) 278-5395
E	/Naval Security (24hr)	Naval Base Ventura County	(805) 982-4591
E	/	US Navy, Ventura County	(805) 989-1110
T	Justin Viezbicke/Marine Mammal Stranding	NOAA National Marine Fisheries Service	(562) 506-4315
T	/	US Fish and Wildlife Service, Federal T&E Species	(805) 644-1766

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

Additional Site Summary Comments:

The lagoon has been designated as an area of special significance (ASKS).

Western snowy plovers nest from Mar-Sep.

Concerns and Advice to Responders:

Primary spill threats from inland and marine sources. The primary objectives are to exclude oil from lagoon. Animals and habitat can be injured by oil and response/cleanup activities unless responders minimize disturbance in lagoon and sand dunes.

Hazard and Restrictions:

Unhealthy levels of coliform bacteria have been found intermittently in this area. Also, high levels of banned pesticides are found within the sediment and biota of the lagoon. Use appropriate PPE, safety procedures, and include reference to potential health problems in any site safety plan.

Site Strategies:**Strategy: 4-790.1 Objective:** Exclude Oil

Strategy: Deploy boom across channels at the Ronald Regan Blvd bridge and at the channel just northeast of the entrance to the lagoon. Place the booms in a configuration that forms an adjustable oil collection pocket that can accommodate changes in flow direction. Back exclusion booms with sorbent booms to minimize leakage. Line the shorelines and any side channels within the inlet to prevent collateral oiling.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp Boom			2500	feet	
Boom	Sorbent Boom			2500	feet	
Anchor	Screw-in			10		
Anchor	Fortress			30		
Vessel	Boom Boat			2		
Vessel	Skiff or Punt			2		
Staff				10		

Strategy: 4-790.2 Objective: Shoreline Pre-Clean: Resource Specialist Supervision Required

Strategy: Consult with resource trustees regarding wildlife issues before undertaking this activity. Hand crews to move and store kelp, driftwood, vegetative debris, trash, and other materials above high-tide line. Dispose of trash. Replace unoled debris in its former location once the threat of oiling is past.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Staff				5		
Trash bags						

Logistics:

Directions: Going southbound US 101, exit #60/Rice Rd in Oxnard for 0.3 mi, turn right on Rice Rd for 4.1 mi, continue on Hwy 1 for 3.5 mi, exit Wood Rd for 0.2 mi, turn left onto Naval Air Rd for 0.5 mi, turn right into NBVC Point Mugu. Going northbound US 101, exit #55/Las Posas Rd in Camarillo for 0.2 mi, turn left on Las Posas Rd for 7.7 mi, turn right at Naval Air Rd for 1.0 mi, turn left into NBVC Point Mugu.

Land Access: Access for foot traffic, ATV, 4-WD, and heavy equipment on beach. Keep below high tide line on wet sand, keep vehicle speed under 5mph, and maintain radio communication with all vehicles on beach. All beach access will be approved by IC under recommendation from agency resource biologist. The lagoon shore is mud and depending on the tides may not be drivable.

On-Water Limitations: Port of Hueneme and Channel Islands Harbor (CIH) both support full service berth, launching, and fueling.

Facilities, Staging Areas, Command Posts, Available Equipment: Facilities and staging available on base. Coordinate with Base Command.

Communications Problems: NA

Additional Operational Comments: Due to the probable occurrence of Snowy plovers and/or Least terns at this site, please review the Sandy Beach Site Summary and Strategies (Site 4-000-A) for information on response operations when dealing with these sensitive species.

