

**3-185 -A/B Site Summary- Younger Lagoon****3-185 -A/B****County:** Santa Cruz**Thomas Guide Location****Latitude N****Longitude W****USGS Quad:** Santa Cruz

991

36° 56.7'

122° 04'

**NOAA Chart:****Last Page Update:** 6/30/2014**SITE DESCRIPTION:**

Site includes beach, lagoon and riparian corridor. Moderate-size dunes present. Coarse sandy beach protects sensitive lagoon and riparian habitat. Sand berm is known to breach during sufficient rainfall events each year. Area may have moderate to high recreation during summer and fall. NOTE: A seawater intake is located here (off the bluff just east of Younger Lagoon) that provides water to the OSPR Marine Wildlife Veterinary Care & Research Center (used for rehabilitation of oiled wildlife). Site is within the following State Marine Protected Area(s): Natural Bridges State Marine Reserve. Site is associated with BLM California Coastal National Monument resources. Lagoon area heavily utilized by various waterbirds and shorebirds.

**SEASONAL AND SPECIAL RESOURCE CONCERN**

Species of concern discussed below are present year round.

**RESOURCES OF PRIMARY CONCERN**

Lagoon is used by a variety of waterbirds, especially because the beach is closed to the public. The lagoon is particularly vulnerable to contaminants as many sensitive species are associated with freshwater system.

Brown Pelicans utilize area for roosting. Local breeding cormorants known to roost along cliffs. Lagoon heavily used by migratory waterfowl. Black Swifts (CA Species of Special Concern) are found in area and are known to nest along coastal cliffs.

Pinnipeds use area as haulout at various times of year. Nearshore rocks to south of lagoon are common haul-out site. CA Red-legged frogs (FT) are located near the lagoon and may use lagoon during seasonal flooding periods. While not a significant gathering site, Southern Sea Otters (FT) are common throughout Santa Cruz and Monterey counties and may be present near-shore year round.

Tidewater goby (FE) are located in lagoon area.

Site is located within Black Abalone Critical Habitat. Actual presence of black abalone is unknown.

Kelp beds are common near-shore.

White-rayed pentachaeta (SE/FE) is known to occur in area (CNDDDB).

**CULTURAL, HISTORIC, AND ARCHEOLOGICAL SENSITIVITIES**

Contact the California Dept of Parks and Recreation - Office of Historic Preservation (Eric Allison: 916-445-7044), and the Northwest Information Center (Bryan Much, Sonoma State College: 707-588-8455) 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		Admin	Long Marine Laboratories (LML)	(831) 459-2883
O			Santa Cruz County Sherriff	(831) 471-1121
O	Chris Coburn	Resources Planner	Santa Cruz County - Environmental Health Services	(831) 454-2763
E	Dr. Gary Griggs	Director	Long Marine Laboratories (LML)	(831) 459-2464
T/O	Laird Henkel	Senior Env. Scientist	CDFW - Marine Wildlife Veterinary Care & Resear	(831) 469-1726
E/T	David Ledig		BLM California Coastal National Monument	(831) 630-5006
T	Becky Ota	Marine Conservation Mgr	CDFW Marine Protected Areas Program	(650) 631-6789
E/T	James Weigand	Ecologist	BLM	(916) 978-4656
T	Steve Wertz	Senior Env. Scientist	CDFW Marine Protected Areas Program	(562) 342-7184

**ADDITIONAL SITE SUMMARY COMMENTS:**

Lagoon and surrounding area managed by the University of California. Long Marine Lab (and other agencies/facilities on Terrace Point) use saltwater intake and discharge lines. Captive marine mammals present in facilities. In addition to Long Marine Laboratories, this is also the site of CDFW/OSPR Marine Wildlife Veterinary Care and Research Center (MWVCRC), Predatory Bird Research Group, National Marine Fisheries Service, and Seymour Discovery Center. Oiled bird and mammal care in facilities at Terrace Point.

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**NOAA Chart:****Last Page Update:** 6/30/2014**CONCERNS AND ADVICE TO RESPONDERS:**

Shorebirds and coastal seabirds. Local breeding cormorants known to roost on cliff. Lagoon heavily used by waterfowl.

**HAZARDS AND RESTRICTIONS:**

Heavy surf against steep coastal bluffs.

**SITE STRATEGIES**

Strategy 3-185.1 Objective: Exclude oil from lagoon by sand berming. Use sandbags for stability.

Construct berm with available sediments or equivalent. Use 6" PVC underflow piping if there is discharge. No vehicle access to beach area.

**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
3-185.1	0	0	0	0	0	0	0	0	581 500 sand bags, 1600' 6" PVC pipe, ATV, or equivalent berming	12	

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

Take Highway 1 north/Mission Street through west Santa Cruz. Just before exiting Santa Cruz, turn left on Swift Street. Take Swift to Delaware and turn right on Delaware. Continue on Delaware to Long Marine Lab property (road name changes to Shaffer Road). Terrace Point has many research institutions, including Long Marine Lab (at end of Shaffer Road). Personnel at Long Marine Lab can guide access to Younger Lagoon. Site includes beach, lagoon and riparian corridor. Moderate-size dunes present. Coarse sandy beach protects sensitive lagoon and riparian habitat. Sand berm is known to breach during sufficient rainfall events each year. Area may have moderate to high recreation during summer and fall. NOTE: A seawater intake is located here (off the bluff just east of Younger Lagoon) that provides water to the OSPR Marine Wildlife Veterinary Care & Research Center (used for rehabilitation of oiled wildlife). Site is within the following State Marine Protected Area(s): Natural Bridges State Marine Reserve. Site is associated with BLM California Coastal National Monument resources.

**LAND ACCESS**

Access by foot only.

**WATER LOGISTICS:**

Limitations: depth, obstruction

Santa Cruz Harbor

Launching, Loading, Docking

and Services Available:

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

UCSC Long Marine Lab located on Schaffer Road.

**COMMUNICATIONS PROBLEMS:****ADDITIONAL OPERATIONAL COMMENTS:**

