

3-190 -A/B Site Summary- Moore Creek / Natural Bridges State Park**3-190 -A/B****County:** Santa Cruz**Thomas Guide Location****Latitude N****Longitude W****USGS Quad:** Santa Cruz

991, 992

36° 56.8'

122° 03.56'

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

Moore Creek/Natural Bridges Beach State Park site includes lagoon, creek and sandy beach area between sand-stone bluffs. Rocky platforms located at southwest and arch rock formation on east corner. Moore Creek drains into small marsh on west side, creek mouth to 0.25 mile upstream. Rocky intertidal region adjacent to beach. Site is associated with BLM California Coastal National Monument resources. Shoreline and beach under State Parks management. Beach area receives heavy recreation as area is easily accessible.

SEASONAL AND SPECIAL RESOURCE CONCERN

Many species of protected birds are present year round, however, heavy recreational use limits wildlife value. Tidal pools are abundant at low tide exposing a plethora of marine organisms. Natural Bridges provides overwintering for the fragile Monarch butterfly from Oct.-Mar which may be susceptible to large scale disturbances.

RESOURCES OF PRIMARY CONCERN

Moore Creek watershed and marsh provide habitat for CA Red-legged frog, Southwestern pond turtle (CA SSC) and Tidewater Gobies (FE) may be present in lagoon year round.

Black swifts (CA Species of Special Concern) nest in sea caves along rocky coastal cliffs (elevation 20 ft.) (CNDDDB).

Western pond turtle (CA Species of Special Concern) are found in Moore Creek. CA Red-legged frogs (FT) use creekbed and marsh area. Zayante band-winged grasshopper (FE) occurs on site. Monarch butterflies (Danaus plexippus) use Natural Bridges Park, Oct-Mar as their overwintering grounds. 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 gobies (FE) are known to use lagoon and Moore Creek upstream 0.25 mile from creek mouth.

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) occurs on site.

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
T/E/C		Santa Cruz District	CA Department of Parks & Recreation	(831) 335-6390
T/E/C		Northern Communications	CA Department of Parks & Recreation	(916) 358-0333
T	Scott Kathey	Emergency Response Coord.	Monterey Bay National Marine Sanctuary	(831) 647-4251
E/T	David Ledig		BLM California Coastal National Monument	(831) 630-5006
E/T	James Weigand	Ecologist	BLM	(916) 978-4656

ADDITIONAL SITE SUMMARY COMMENTS:

High recreation use. Black swifts nest in sea cave in a rocky coastal cliff (elevation 20 ft.); last seen 1988 (NDDDB). Nearby Monarch butterfly site.

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CONCERNS AND ADVICE TO RESPONDERS:

Tidewater goby (FE).

HAZARDS AND RESTRICTIONS:

Potentially heavy surf. High tides occlude access to adjacent pocket beaches.

SITE STRATEGIES

Strategy 3-190.1 Objective: Exclude oil by berming creek mouth with sand, place sorbent boom 30' landward of berm to ensure oil exclusion

Close off inlet with sediment dike or appropriate equivalent. Install underflow 6" PVC pipes to allow discharge. Note: Sand may be scarce during erosion episodes. Vehicle access to south beach, consult State Parks personnel.

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
3-190.1									300' 6" PVC pipe, dozer 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. Turn left on Swanton Blvd., and then right at Crespi Court to enter Natural Bridges State Park. Moore Creek provides very light/seasonal flow at upcoast edge of park, but does not usually flow to ocean. Moore Creek/Natural Bridges Beach State Park site includes lagoon, creek and sandy beach area between sand-stone bluffs. Rocky platforms located at southwest and arch rock formation on east corner. Moore Creek drains into small marsh on west side, creek mouth to 0.25 mile upstream. Rocky intertidal region adjacent to beach. Site is associated with BLM California Coastal National Monument resources.

LAND ACCESS

Access to beach area thru Park entrance, consult State Park personnel.

WATER LOGISTICS:

Limitations: depth, obstruction

Launching, Loading, Docking

and Services Available:

Santa Cruz Harbor is nearest launch facility.

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**COMMUNICATIONS PROBLEMS:****ADDITIONAL OPERATIONAL COMMENTS:**

