

**County:** Santa Cruz **ACP Division/Segment:** SZ - C - S002**NOAA Chart:** 18685**Map Book:** 991, 992**Decimal Degrees:** 36.95022 -122.05767**Site Description:**

Moore Creek feeds freshwater and brackish marsh habitat within the Moore Creek Wetland Nature Preserve which is on the west side of Natural Bridges State Beach. A natural sand berm protects the creek most of the year. Offshore rocks on the southeast end of the beach are a seabird roosting area. Site upcoast boundary (36.950209°, -122.058438°), downcoast boundary (36.949564°, -122.056854°); length 0.1 mile. Site is within the Natural Bridges State Marine Reserve, Bureau of Land Management California Coastal National Monument, and Monterey Bay National Marine Sanctuary. Nesting seabirds in the surrounding area include black oystercatcher, Brandt's cormorant, pigeon guillemot, and Western gull. Brown pelican roosting site. Wave-cut platforms support rich tide pools upcoast of the site area.

**Resources at Risk:***ESI and Habitat:* 3A Fine- to medium-grained sand beaches

10A Salt - and brackish-water marshes

10B Freshwater marshes

1A Exposed Rocky Shore

**List of Resources at Risk:**

|               | Resource Name              | Status  | Presence   | Sensitivity |
|---------------|----------------------------|---------|------------|-------------|
| Amphibians    | California red-legged frog | FT, SSC | Year-round | Nov-Mar     |
| Birds         | seabird colony             |         | Year-round | Apr-Aug     |
| Fish          | tidewater goby             | FE, SSC | Year-round |             |
| Insects       | Ohlone tiger beetle        | FE      | Year-round |             |
| Invertebrates | black abalone              | FE      | Year-round | Apr-Sep     |
| Mammals       | Southern sea otter         | FT, SP  | Year-round |             |
| Reptiles      | Western pond turtle        | SSC     | Year-round | May-Aug     |

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    | /Coordinator                  | Native American Heritage Commission    | (916) 373-3710 |
| C    | /Coordinator                  | Northwest Information Center           | (707) 588-8455 |
| T    | /Natural Resources Specialist | BLM, CA Coastal National Monument      | (831) 582-2200 |
| T    | /Dispatch, 24-hr              | California State Parks (Dispatch)      | (916) 358-1300 |
| T    | /Emergency Responder, 24-hr   | Monterey Bay National Marine Sanctuary | (831) 236-6797 |
| T    | /Agency Representative        | NOAA National Marine Fisheries Service | (707) 575-6050 |
| T    | /Spill Response Coordinator   | US Fish and Wildlife Service           | (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:**

Heavy recreational use.

**Concerns and Advice to Responders:**

Heavy recreational use.

**Hazard and Restrictions:****Site Strategies:****Site Validation Level: II****Strategy: 3-190.1 Objective:** Build Berm

*Strategy:* Exclude oil from creek and marsh by building a sediment berm with native sand using heavy equipment. May need to install PVC pipe below berm to allow for water outflow. Place sorbent boom 30 feet upstream of berm.

Table of Response Resources

| Equipment           | Sub-Type | Size   | Unit | QTY | Unit | Last Page Update |
|---------------------|----------|--------|------|-----|------|------------------|
| Bulldozer or Loader |          |        |      | 1   |      |                  |
| PVC Pipe            |          | 6 inch |      | 400 | feet |                  |
| Boom                | Sorbent  |        |      | 300 | feet |                  |
| Stakes              |          |        |      | 2   |      |                  |
| Staff               |          |        |      | 10  |      |                  |

**Logistics:**

*Directions:* Natural Bridges State Park (2320 W Cliff Dr, Santa Cruz, CA 95060); 85 parking spaces.

*Land Access:* Heavy equipment access from W Cliff Dr. The upcoast bank of Moore Creek is also accessible via footpath at the end of Krister Place (Cascade Dr & Krister Pl, Santa Cruz, CA 95060).

*On-Water Limitations:* Nearest vessel launch site is Santa Cruz Harbor (3 nautical miles).

*Facilities, Staging Areas, Command Posts, Available Equipment:* Additional unpaved parking area along Cliff Dr.; 35 parking spaces. May be suitable for small staging area. Restrooms.

*Communications Problems:* None.

