

4-852-A Site Summary - Santa Cruz Island: Christi Beach**4-852-A****County:** Santa Barbara **ACP Division/Segment:** CI - C - S000**NOAA Chart:** 18720**Map Book:** NA**Decimal Degrees:** 34.02194 -119.87**Site Description:**

This site is on the West side of Santa Cruz Island on The Nature Conservancy Property. The Christi Ranch area is primarily mixed sand, gravel, cobble, and boulder beach. There is a large California sea lion and harbor seal haul out area near Kinton Point. Pupping and breeding marine mammals are present for California sea lions (May-Aug), harbor seals (Dec-May) and elephant seals (Dec-July). Dolphins can be present.

Seabirds nest from Mar-Nov. California brown pelicans roost in this area. Giant kelp beds can be found offshore.

Resources at Risk:**ESI and Habitat:** 6A Gravel Beach

5 Mixed sand and gravel beaches

3A Fine- to medium-grained sand beaches

1C Exposed rocky cliffs with boulder talus base

List of Resources at Risk:

| | Resource Name | Status | Presence | Sensitivity |
|---------------|--------------------------------|---------|------------|-------------|
| Birds | Western snowy plover | FT, SSC | Year-round | |
| Birds | seabirds | | Year-round | |
| Birds | shorebirds | | Year-round | |
| Invertebrates | rocky intertidal invertebrates | | Year-round | |
| Mammals | California sea lion | FP | Year-round | |
| Mammals | harbor seal | FP | 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 | / | Central Coast Information Center | (805) 682-4711 |
| C | /Coordinator | Native American Heritage Commission | (916) 373-3710 |
| E | Andrew Yamagiwa/Manager | The Nature Conservancy, Santa Cruz Island | (559) 618-1488 |
| T | /Emergency Response Hotline | Channel Islands National Marine Sanctuary | (805) 729-0611 |
| T | Sean Hastings/24/7 | Channel Islands National Marine Sanctuary | (805) 705-1790 |
| T | /Chief Ranger | Channel Islands National Park | (805) 218-0251 |
| T | /Dispatch | Channel Islands National Park | (559) 565-4221 |
| T | /Spill Response Coordinator | 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 Nature Conservancy owns approximately 75% of Santa Cruz Island as a preservation area. The other 25% is owned by the National Park Service.

Western snowy plovers nest from Mar-Sep.

Concerns and Advice to Responders:

Santa Cruz Island is located 20 miles from the mainland and is home to large numbers of seals and sea lions as well as colonies of seabirds. At over 96 square miles, Santa Cruz Island is California's largest island and has 77 miles of craggy coastline cliffs, giant sea caves, pristine tidepools, and expansive beaches. Trustee agencies may not sanction onshore response activities. Refer to and comply with introductory section before initiating any response activities.

Hazard and Restrictions:

Conditions in the Santa Barbara Channel and around the islands are variable and the ocean is unforgiving. Only experienced skippers with vessels capable of withstanding severe weather are advised to make the cross-channel passage. Major shipping lanes lie between the islands and the mainland.

Site Strategies:**Site Validation Level: II****Strategy: 4-852.1 Objective:** Build Berm

Strategy: Build an earthen berm across the mouth of the inlet using onsite materials obtained from unvegetated areas below the high tide line to minimize damage to wildlife and habitat. Install under flow pipes in the berm to allow through flows and/or a spillway with a filter barrier to accommodate flow increases as weather conditions dictate. Cover the berm with sheet plastic to minimize erosion. Second, back the berm with swamp and sorbent booms to prevent contamination from entrainment, leakage and or wash over. Monitor berm and associated features to maintain their integrity and effectiveness.

Table of Response Resources

| Equipment | Sub-Type | Size | Unit | QTY | Unit | Last Page Update |
|------------------|--------------|------|------|-----|-------|------------------|
| Boom | Sorbent Boom | | | 240 | feet | |
| Sandbags | | | | 200 | | |
| Plastic sheeting | visqueen | | | 1 | Rolls | |
| Piping | 6" | | | 3 | | |
| Staff | | | | 5 | | |

Strategy: 4-852.2 Objective: Shoreline Pre-Clean: Resource Specialist Supervision Required

Strategy: Refer to Channel Islands Introduction Section (especially Biosecurity) before conducting any shoreline precleaning. A natural resource trustee and/or an archaeologist (usually a CINP employee) may need to be on-site during work to ensure compliance with Channel Island response restrictions. Small hand crews of no more than 10 persons remove and store kelp, driftwood, vegetative debris, trash, and other materials which could become oiled and create environmental hazards and disposal problems. Segregate and dispose of trash. Replace unoiled debris in its former location once the threat of oiling is past.

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|-----------|----------|------|------|-----|------|------------------|
| Staff | | | | 5 | | |

Logistics:

Directions: Only by boat or aircraft. Closest harbors are Santa Barbara and Ventura. Channel Islands Aviation is located at Camarillo Airport and is able to fly and land on the islands. All access to the Channel Islands must be coordinated with National Parks and must follow biosecurity protocols. Refer to the introductory section for more information.

Land Access:

On-Water Limitations: Vessel landing available at Prisoners Harbor (Northeast face of center of island) and Scorpion Harbor (Northeast end of island). Caution: monitor sea conditions and depth before attempting approach.

Facilities, Staging Areas, Command Posts, Available Equipment:

Communications Problems: Cell phone reception unreliable. Marine VHF or satellite phone best options.

Additional Operational Comments: Each island is equipped with at least 1 base station radio for communication with park headquarters and a marine band radio.

