

2-234-C Site Summary - Point Bonita and Bonita Cove**2-234-C****County:** Marin **ACP Division/Segment:** MR - O - S006 MR - O - S007**NOAA Chart:** 18649 / 18680**Map Book:** Marin County**Decimal Degrees:** 37.819171 -122.529475**Site Description:**

Site includes wave-cut, rocky, outcroppings, steep cliffs, rocky shores and sand beaches in Bonita Cove from Pt. Bonita to Pt. Diablo. Area is under jurisdiction of Golden Gate National Recreation Area (National Park Service). Vertical rock cliffs with a coarse-grained sand and gravel beach at Bonita Cove.

Resources at Risk:*ESI and Habitat:* 1A Exposed Rocky Shore

2A Exposed wave-cut platforms in bedrock, mud, or clay

1C Exposed rocky cliffs with boulder talus base

List of Resources at Risk:

Resource Name		Status	Presence	Sensitivity
Birds	raptors		Year-round	
Birds	seabirds		Year-round	
Mammals	harbor seal	FP	Year-round	
Mammals	California sea lion	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	/Coordinator	Native American Heritage Commission	(916) 373-3710
C	/Coordinator	Northwest Information Center	(707) 588-8455
O	/Agency Representative, 24-hr	California Coastal Commission	(415) 693-8375
O	/Dispatch, 24-hr	California State Parks	(916) 358-1300
O	/Emergency Service Coordinator	Marin County Office of Emergency Services	(415) 250-0267
O	/Dispatch, 24-hr	Marin County Sheriff's Department	(415) 479-2311
T	/Agency Representative	Golden Gate National Recreation Area	(415) 561-4731
T	/Agency Representative, 24-hr	Greater Farallones National Marine Sanctuary	(650) 678-4943
T	/Agency Representative, 24-hr	Greater Farallones National Marine Sanctuary	(650) 479-5311
T	/Dispatch, 24-hr	US National Park Service, Golden Gate NRA	(415) 561-5505

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

Additional Site Summary Comments:

Concerns and Advice to Responders:

The concerns are oil contamination and response activity impacts to rare and endangered species, and other vulnerable plants and wildlife which are present throughout the year. The primary objective is to minimize exposure of oil to the site and natural resources present at the site. Other concerns are the impacts resulting from response activities. Avoid trampling sensitive plants and animals, disturbing marine mammals, and causing penetration of oil into the sediments and further injury to the environment.

Hazard and Restrictions:

Large surf, swell, and strong currents common at this site. Wash rocks nearshore.

Site Strategies:**Site Validation Level: 0**

Strategy: 2-234.1 Objective: Prevent contamination and injury to marine mammals, seabirds, shorebirds, and the rocky intertidal zone. Penetration and long-term persistence of oil into coarse-grained beach sediments.

Strategy: This site is difficult to protect as is most of the outer coast. Mechanical shoreline protection techniques are not likely to be effective because of high wave energy and rocky conditions at this site.

- a) Recommended response strategy is on-water containment and recovery.
- b) Pursue feasibility of alternative response technologies (e.g. dispersants and in-situ burning) to reduce the volume of oil reaching the site.

Table of Response Resources

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Strategy: 2-234.2 Objective: Deflect oil away from shore to on-water recovery operations. Prevent oil from stranding on rocky shoreline and contaminating marine mammal use areas.

Strategy: Deflection booms may be deployed in Bonita Cove to protect harbor seal haulout and the rocky intertidal areas if wave conditions permit.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Ocean Boom	36X36 inch		2000	feet	
Anchor	Danforth	50 lb		10		
Vessel	Boom Boat			1		
Vessel	Skiff			1		
Staff	Staff to Deploy			6		

Strategy: 2-234.3 Objective: Oil Recovery by skimming

Strategy: If oil accumulates in skimmable quantities as a result of strategies .1 and/or .2, contact IC prior to initiating strategy to deploy skimmer.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
skimmer	self propelled			1		
Staff	Staff to Deploy			3		

Logistics:

Directions: From Hwy 1 exit immediately north of the Golden Gate Bridge onto Conzelman Road. Proceed to end of road to reach lighthouse at Pt. Bonita. Trails to beach can be accessed from parking lots above Bonita Cove.

Land Access: Contact NPS for access through locked gates.

On-Water Limitations: Large surf, swell, and strong currents common nearshore. Nearest boat launch inside San Francisco Bay (Horseshoe Cove).

Facilities, Staging Areas, Command Posts, Available Equipment: Staging and access from on-water. Very limited shore access from steep bluffs above beaches. Contact NPS Personnel for access.

Communications Problems: Cell reception varies on outer coast.

Additional Operational Comments:

