

2-203-A Site Summary - Drakes Beach (West)**2-203-A****County:** Marin**ACP Division/Segment:** MR - I - S002**NOAA Chart:** 18647**Map Book:** Marin County**Decimal Degrees:** 38.027582 -122.962488**Site Description:**

This site is 200 meters of Drakes Beach located within Pt. Reyes National Seashore at the southwesterly crook of Drakes Bay about a quarter mile north of the commercial fishing pier. This portion of the beach is bounded by cliff to west end and a rocky point to the east. Site is within the following State Marine Protected Area: Point Reyes State Marine Reserve and the Greater Farallones National Marine Sanctuary. This site is 200 meters of east facing, sand/cobble beach. The back beach rises as vegetated steep bluffs. The upper beach is littered with driftwood and debris. Contains cliff, cobble, boulder, and pilings.

Resources at Risk:*ESI and Habitat:* 4 Coarse-grained sand beaches

5 Mixed sand and gravel beaches

1C Exposed rocky cliffs with boulder talus base

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Birds	common yellowthroat	FP, SSC	Year-round	Jun-Aug
Birds	shorebirds		Year-round	
Birds	seabirds		Year-round	
Birds	waterfowl		Year-round	
Mammals	Northern elephant seal	FP	Year-round	Dec-Mar
Mammals	pinnipeds	FP	Year-round	Nov-Jun
Plants	Point Reyes meadowfoam	SE	Year-round	Mar-May

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	California Department of Fish and Wildlife	(707) 445-5365
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
T	/Park Ranger, 24 hr	US National Park Service, Point Reyes	(415) 464-5175

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

Additional Site Summary Comments:

A wide variety of birds and sensitive plant species occur in this area. Various species of pinnipeds utilize this site as a haulout and pupping location. Myrtle's silverspot butterfly (FE) and the California red-legged frog (FT/SSC) have been documented in the upland area of this site.

Concerns and Advice to Responders:

The concerns are oil contamination and response activity impacts to the sand beach and marine mammals which are present most of the year. The primary objective is to minimize the exposure of oil to natural resources present at the site. Avoid trampling sensitive plants and animals and disturbing the seals. Avoid low flying aircraft/helicopters (<1000 ft) over marine mammal haulout areas (pocket beaches). Avoid noisy boat traffic near the seal haulout areas.

Hazard and Restrictions:

Poison oak along trails. Large south swell possible and strong currents common near this site. Access from pier area involves negotiating a steep dirt trail. Equipment access best from visitors center.

Site Strategies:**Site Validation Level: II**

Strategy: 2-203.1 Objective: Prevent oil from stranding on shoreline and contaminating marine mammal use areas.

Strategy: Site is relatively protected except from east or southeast winds. There is often a large counter clockwise gyre in Drakes Bay. In addition to on-water recovery and containment efforts, the following site-specific measures should also be carried out.

Deploy 500 ft of ocean boom from Chimney Rock area east into Drakes Bay to deflect oil downcoast and away from Drakes Bay.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Ocean Boom	36X36 inch		500	feet	
Anchor	Danforth	50 lb		3		
Vessel	Boom Boat			1		
Vessel	Skiff			1		
Staff	Staff to Deploy			5		

Strategy: 2-203.2 Objective: Prevent oil from stranding on shoreline and contaminating marine mammal use areas.

Strategy: Waters inside Drakes Bay, in the lee side of the headlands, are often calm, however the currents and the swell are variable and unpredictable. Use curtain boom at proper angles to the current to keep oil off the shore using the piers and mooring buoys as anchors if necessary.

a) Deploy 3000 ft of 18" curtain boom from shore at either end of the beach to exclude oil from the beach and deflect it back into the bay for possible collection.

b) Deploy boom from vessels or piers to deflect and contain oil. Use 50ft of Oil Snare (OS) and/or 100ft of sorbent boom to collect small amounts of oil that may accumulate. If oil accumulates in skimmable quantities contact IC.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor	9x9 inch		3000	feet	
Boom	Sorbent			100	feet	
Boom	Oil Snare (pom-pom)			50	feet	
Anchor	Danforth	30 lb		12		
Vessel	Boom Boat			1		
Vessel	Skiff			1		
Staff	Staff to Deploy			5		

Strategy: 2-203.3 Objective: Oil Recovery by skimming

Strategy: If oil accumulates in skimmable quantities, deploy skimmers from vessels or piers. Contact IC prior to initiation of this strategy.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
skimmer	self propelled			1		
Vessel	Skiff			1		
Staff	Staff to Deploy			5		

Logistics:

Directions: From San Francisco take Hwy 101 North to Sir Francis Drake Blvd., west to Olema. Turn north (right) on Hwy 1, go 2 miles and take a left on Sir Francis Drake Blvd through Inverness. Continue on Sir Francis Drake past the North Beach access, turn left at sign to Drakes Beach and visitor center. Alternatively, continue to end of road veering left to Chimney Rock.

Land Access: 2WD, flatbed trucks, 4WD, ATV, or by foot. Contact NPS Personnel for access.

On-Water Limitations: None. There is a boat lift on the commercial fish pier and a small boat ramp next to the USCG lifeboat station.

Facilities, Staging Areas, Command Posts, Available Equipment: There are small parking areas at commercial fish pier and lifeboat station on east side of Pt. Reyes headland. Parking and staging is also available at Drakes Beach Visitors Center.

Communications Problems: Cell reception varies.

Additional Operational Comments:

