

County: **Marin County**USGS Quad: **7.5" Quad: Point Bonita, CA**

Thomas Guide Location

Marin County

NOAA Chart: **18649 / 18680**

Latitude N

3 7 50

Longitude W

122 32

Last Page Update : 1/15/2007

SITE DESCRIPTION:

Site includes Rodeo Lagoon and Rodeo beach at Fort Cronkhite. It is located within the Golden Gate National Recreation Area (National Park Service) only a few miles north of the Golden Gate Bridge. This site is associated within the Monterey Bay National Marine Sanctuary. Rodeo Lagoon occupies 73 acres behind a coarse-grained sand beach. The Lagoon is open intermittently in winter-spring but experiences significant overwash all year. Freshwater and brackish marsh vegetation line the banks of the lagoon. The site receives a large amount of public recreational and educational use.

SEASONAL and SPECIAL RESOURCE CONCERN

"A" priority all year due to the sensitive marsh habitat and the presence of the endangered tidewater goby and other vulnerable species. Tidewater goby inhabits the lagoon all year. The endangered brown pelican (Apr-Jan) and many other waterbirds use the beach and lagoon throughout the year.

RESOURCES OF PRIMARY CONCERN

The lagoon and marsh habitat are at risk all year and is a prime driving consideration at this site.

Brown pelicans (up to 500) uses the beach and the lagoon from April through January. The lagoon also provides habitat for cormorants, grebes, dabbling and diving ducks, herons, egrets, and shorebirds. Saltmarsh yellowthroat (Federal Candidate Species) is present all year. Several raptors use the site, including peregrine falcons, red-tailed hawks, kestrels, and osprey.

Threatened California red-legged frogs inhabit the riparian habitat.

Tidewater gobies (endangered) inhabits the lagoon all year. Steelhead trout also use the use the lagoon/creek habitat.

A variety of brackish and freshwater marsh vegetation is present along the banks of the lagoon. Some dune plants may be present on the upper beach and berm.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

This is a culturally sensitive area. Contact the Golden Gate National Recreational Area main office, cultural resource specialist, the California Dept of Parks and Recreation - Office of Historic Preservation (Eric Allison - (916) 653-9125), and the Northwest Information Center, (Bryan Much, Sonoma State College ((707) 332-1117)) 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
E/T	24hr Sanctuary Personnel	Gulf of the Farallones National Marine Sanctuary	(650) 479-5311
O	Jonathan Bishop Oil Spill Prgm Coord.	CA Coastal Commission	(415) 904-5247
O	Alison Detmer	CA Coastal Commission	(415) 904-5205
E/T	Darren Fong	US National Park Service, Golden Gate (NRA)	(415) 289-1838
E/T	GGNRA Dispatch	US National Park Service, Golden Gate (NRA)	(415) 561-5505
E/T	Daphne Hatch	US National Park Service, Golden Gate (NRA)	(415) 289-1840
E/T	Carolyn Shoulders	US National Park Service, Golden Gate (NRA)	(415) 289-1841
E/T	Vika Sirova	US National Park Service, Golden Gate (NRA)	(415) 561-4731

ADDITIONAL SITE SUMMARY COMMENTS:

2-228 -A Site Strategy - Rodeo Lagoon

County and Thomas Guide Location
Marin County Marin County

NOAA CHART
18649 / 18680

2-228 -A

Latitude N Longitude W
3 7 50 122 32

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CONCERNS and ADVICE to RESPONDERS:

The concerns are oil contamination and response activity impacts to wetlands, rare and endangered species, and other vulnerable plants and wildlife which are present throughout the year. The primary objective is to minimize the exposure of oil to plants, animals and habitats present at this site. Also of concern are the impacts resulting from response activities. Avoid trampling wetlands, sensitive plants and animals, and soft mudflats, causing penetration of oil into the sediments and further injury to the environment.

HAZARDS and RESTRICTIONS:

Large surf and swell common at this site.

SITE STRATEGIES

The Lagoon is open intermittently in winter-spring but experiences significant overwash all year. Also, the beach may be narrow seasonally when storms wash sediment offshore. In addition to on-water containment and recovery efforts, the following site-specific protection measures should also be carried out:

Strategy 2-228.1 Objective: Exclude oil by booming at lagoon mouth

Deploy swamp and sorbent booms or fence boom across lagoon and mouth as a precautionary measure. Place sorbent along backside of sand spit. Use 50ft of Oil Snare (OS) and/or 100ft of sorbent boom to recover oil that may accumulate. If oil accumulates in skimmable quantities, advise IC with recommendations for skimming.

Strategy 2-228.2 Objective: Exclude oil using sediment dike

Block entrance with sediment dike (coarse-grained sand, granules, and pebbles). Dike should extend from the vegetated dune portion of the spit to the rock scarp adjacent to the inlet mouth on the northwest side of the lagoon (approx 800 ft). Height of the dike will be determined by wave conditions. Construct dike with gated culverts, if necessary for runoff during winter. If large surf conditions exist, construct a dike with a runnel (a shallow ditch behind dike) to catch overwash. This can only be done if sand is plentiful and beach is wide enough.

Strategy 2-228.3 Objective: Oil Recovery by skimming

Deploy skimmer if oil accumulates in skimmable quantities. Consult IC prior to initiation of any skimming activities.

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
2-228.1	0	1200	50 OS	2100	6 small anchors or stakes	0	2			6	
2-228.2	0	0	0	0	0	0	0	1	Bulldozer or frontend loader	3	
2-228.3	0	0	0	0	0	0	0	1 SSS	0		

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Exit off Hwy 101 at Golden Gate Bridge for Golden Gate National Recreation Area (Marin Headlands). Take the tunnel through the mountain and proceed on Bunker Road to the end at Fort Cronkhite. Site includes Rodeo Lagoon and Rodeo beach at Fort Cronkhite. It is located within the Golden Gate National Recreation Area (National Park Service) only a few miles north of the Golden Gate Bridge. This site is associated within the Monterey Bay National Marine Sanctuary.

LAND ACCESS: Large truck

WATER LOGISTICS: Large surf and swell common at this site.
Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Nearest boat launch in San Francisco Bay

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

Large staging area and easy access at Rodeo Lagoon parking lot.

COMMUNICATIONS PROBLEMS: none identified

ADDITIONAL OPERATIONAL COMMENTS: Debris and tarballs accumulate at south end of beach. Strategy developed March 1995.

