

County: **Marin**USGS Quad: **7.5" Quad: Drakes Bay, CA**

Thomas Guide Location

Marin County

Latitude N

3 8 07

Longitude W

122 57

NOAA Chart: **18640 / Bodega and Tomales Bays 18643**

Last Page Update : 1/1/1996

SITE DESCRIPTION:

Located within Pt. Reyes National Seashore. The lagoon is in the northern 1/3 of, and fronted by Point Reyes Beach. Site lies within the Gulf of the Farallones National Marine Sanctuary. The lagoon is open seasonally, primarily during the winter months of very wet years and following periodic high tide over-wash activity. It is surrounded by sandy beaches and vegetated sand dunes.

SEASONAL and SPECIAL RESOURCE CONCERN

"A" priority all year. The shoreline of Abbott's Lagoon is used as a nesting and forage area by the western snowy plover. Surrounding dunes are habitat for endangered plants and insects.

RESOURCES OF PRIMARY CONCERN

The lagoon, sandy beaches and vegetated sand dunes are at risk.

The lagoon and surrounding area is used by many birds such as the threatened western snowy plover, shorebirds, raptors, migratory and overwintering geese, dabbling and diving ducks.

The beaches and dunes are inhabited by Myrtle's silverspot butterfly. Large mammals such as fox, coyote, raccoon, and deer are common at the site.

The dunes are habitat for a couple of species of sensitive plants (*Layia carnosa* and *Lupinus tidstromii*).

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

This is a culturally sensitive area. For specific sites, contact the Pt. Reyes Park headquarters archeological staff, the California Dept of Parks and Recreation -Historically, a rich area of human inhabitation. Contact 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	Main Office	Point Blue Conservation Science	(707) 781-2555
O	Jonathan Bishop Oil Spill Prgm Coord.	CA Coastal Commission	(415) 904-5247
O	Alison Detmer	CA Coastal Commission	(415) 904-5205
E/T	NPS Dispatch	US National Park Service, Golden Gate (NRA)	(415) 561-5505
E/T	Pt. Reyes NP Dispatch PRNS	US National Park Service, Pt. Reyes (NS), Ranger	(415) 464-5170

ADDITIONAL SITE SUMMARY COMMENTS:

2-197 -A Site Strategy - Abbott's Lagoon

County and Thomas Guide Location

Marin County Marin

NOAA CHART

18640 / Bodega and Tomales Bays 18643

2-197 -A

Latitude N

Longitude W

3 8 07

122 57

CONCERNS and ADVICE to RESPONDERS:

Last Page Update : 1/15/2007

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. Other concerns are the impacts resulting from response activities. Avoid trampling wetlands, sand dunes, sensitive plants and animals, and soft mudflats, causing penetration of oil into the sediments and further injury to the environment.

HAZARDS and RESTRICTIONS:

Heavy surf along Point Reyes beach. Muddy roads in winter may be impassible.

SITE STRATEGIES

Strategy 2-197.1 Objective: no action when natural sand berm is in place

If the sand berm is blocking the entrance of the lagoon, no action is needed unless there is evidence or likelihood that surf may over-top the berm and wash oil into the lagoon. If this is the case, employ strategy 2.

Strategy 2-197.2 Objective: Exclude by booming when tidal exchange with lagoon

Deploy boom on inside of lagoon to contain and prevent spread within lagoon. Divert oil to calm shore location for collection & recovery. Advise UC/IC of advisability of constructing sediment dike as necessary and feasible (see Strategy 3)

Strategy 2-197.3 Objective: Exclude with sediment dike (medium grained sand). Prevent oil from entering lagoon.

If surf is over-topping into the lagoon, use bulldozers and front-end loaders to build up the barrier berm by skimming sand from the neighboring flat beach (do not use the dunes for sand supply). Use plastic and sand bags as necessary to create a temporary non-erodable barrier. Place six inch containment boom backed by sorbent boom inside the lagoon to catch any oil which may be washed past the sand dike and barrier.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no	tyoe and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
2-197.1	0	0	0	0	0	0	0	0	0	On-water Recovery / ART		
2-197.2	0	500		600	4	25lb. Danforth	0	1	0		8	
2-197.3	0	500		600	10	15lb danforth	0	1	0	dozer & front end loader	7	

LOGISTICS

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

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. Turn right on Pierce Point Road and proceed to the Abbott's Lagoon parking area. This parking is still about 1 mile from the site, however, park rangers can open gates to allow some vehicle access down to lagoon. Located within Pt. Reyes National Seashore. The lagoon is in the northern 1/3 of, and fronted by Point Reyes Beach. Site lies within the Gulf of the Farallones National Marine Sanctuary.

LAND ACCESS: 2WD, 4WD - not likely in winter

WATER LOGISTICS:

Limitations: depth, obstruction

Launching, Loading, Docking Hand launch from shore.

and Services Available:

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

None close by. Set up staging on site or at North Beach Parking lot (3 miles away).

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS: Further coordination and planning with the National Park Service will be required to access.

