

**2-186-A Site Summary - Millerton Point****2-186-A****County:** Marin **ACP Division/Segment:** MR - C - S005**NOAA Chart:** Bodega and Tomales Bays **Map Book:** Marin County 18643**Decimal Degrees:** 38.106498 -122.8498**Site Description:**

Site encompasses the east side of Tomales bay from Bivalve to just north of Millerton point, and includes the beach on the north side of the point and the small wetland near Hwy 1, the salt-marsh on the south side of Millerton Pt, and, further south, several pocket marshes between the railroad levee and Hwy 1 at mouth of Millerton Creek and three other unnamed drainages. Site lies within the Greater Farallones National Marine Sanctuary. Both Millerton Pt and Tomasini Pt have similar geography: an elevated landmass protruding into the bay resulting in a

prograding tidal salt-marsh on the south side (down current). There is also a pocket of salt-marsh at the forward edge of the peninsula near Hwy 1. The habitats that result are extensive tidal salt-marshes and bayfront tidal mudflats and sheltered tidal mudflats extending in front of the salt-marsh. Where drainages flow into the bay, delta marshes form; most of these are confined behind the remnants of the old railroad grade, the grade has openings which allow outflow and tidal exchange. The northern shore of the point is exposed to wave wash and erosion; beaches consist of mixed sand and gravel. There are aquaculture licensed leases north of the point. This site is part of Tomales Bay State Park.

**Resources at Risk:***ESI and Habitat:* 5 Mixed sand and gravel beaches

9A Sheltered tidal flats

9B Vegetated low banks

**List of Resources at Risk:**

	Resource Name	Status	Presence	Sensitivity
Amphibians	California red-legged frog	FT, SSC	Year-round	Nov-Apr
Birds	California black rail	FP, ST	Year-round	Mar-Aug
Birds	shorebirds		Year-round	
Fish	longfin smelt	ST	Year-round	Nov-May
Fish	Pacific herring		Year-round	Nov-Apr
Mammals	North American river otter	SSC	Year-round	
Plants	eelgrass		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	/Director of Conservation Science	Audubon Canyon Ranch	(415) 663-8203
O	/Agency Representative, 24-hr	California Coastal Commission	(415) 693-8375
O	/Dispatch, 24-hr	California State Parks, Bay Area District	(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, 24-hr	Greater Farallones National Marine Sanctuary	(650) 678-4943
T	/Agency Representative, 24-hr	Greater Farallones National Marine Sanctuary	(650) 479-5311
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:**

This location is highly diverse in terms of the variety of bird, sensitive plants, bats, etc. and dungeness crab use this area as a nursery.

**Concerns and Advice to Responders:**

The concerns are oil and response activity impacts to wetlands, rare and endangered species, and other vulnerable plants and wildlife. The primary objective is to minimize oiling of marshes by booming. Other concerns are the impacts resulting from response activities such as trampling wetlands, disturbing sensitive plants and animals, and soft mudflats or tromping oil into the sediments which can cause long term oil injury to the environment.

**Hazard and Restrictions:**

There is exceedingly shallow water and oyster beds nearshore. Telephone poles and lines may cross over site, posing an aerial hazard.

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

**Strategy: 2-186.1 Objective:** Exclude oil from entering marshes

*Strategy:* There are a several tidal marshes along the length of this site. Each can be closed with short pieces of swamp boom deployed in a chevron exclusion formation. Deployments must be made when tides are 2.5' or greater to permit adequate draft. It is recommended that deployment be scheduled for the incoming tide to avoid stranding. Contact local State Parks and oystermen to aid in locating deploy locations and navigating the exceedingly shallow waters. The following are a list of boom deployment locations from north to south.

- a) marsh mouth on unnamed drainage 0.75 miles north of Millerton - 100' boom, 1 anchor, 2 stakes
- b) marsh channel opening at SW tip of Millerton Pt - 200' boom, 3 anchors, 2 stakes, 200' oil snare inside boom
- c) marsh mouth on Millerton Creek Gulch just south of Millerton Pt - 200' boom, 1 anchor, 4 stakes
- d) marsh mouth on unnamed drainage 0.5 miles south of Millerton - 100' boom, 1 anchor, 2 stakes
- e) marsh mouth on unnamed drainage 0.75 miles south of Millerton - 100' boom, 1 anchor, 2 stakes
- f) marsh mouth on unnamed drainage 1.2 miles south of Millerton - 100' boom, 1 anchor, 2 stakes

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		800	feet	
Boom	Oil Snare (pom-pom)			200	feet	
Anchor	Danforth	25 lb		12		
Anchor	Stakes			16		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			3		

**Strategy: 2-186.2 Objective:** Exclusion Protection of shoreline from Millerton Pt to Tomasini Pt. Also excludes oil from large areas of oyster production.

*Strategy:* To keep oil from moving near or onto the shoreline, deploy 2500' of 6X6 swamp boom from Tomasini Pt to Millerton Pt. Anchor up on shore. Contact local oystermen for aids and direction in navigating these extreme shallows.

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Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		2500	feet	
Anchor	Danforth	25 lb		16		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			3		

**Logistics:**

*Directions:* Hwy 1 to the eastside shore of Tomales Bay. Approximately 5 miles north of Pt. Reyes Station.

*Land Access:* Access for a large truck to parking area.

*On-Water Limitations:* shallow near site. Nearest launch ramps at Inverness. Also Nicks Cove, Marconi, and beach launch at Millerton.

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*Facilities, Staging Areas, Command Posts, Available Equipment:* Small staging area in unpaved parking lot above site. Inverness is nearby launch.

*Communications Problems:* Cell reception varies on outer coast.

