

**2-179-A Site Summary - Cypress Grove Preserve****2-179-A****County:** Marin **ACP Division/Segment:** MR - B - S007**NOAA Chart:** Bodega and Tomales Bays **Map Book:** Marin County 18643**Decimal Degrees:** 38.166374 -122.900492**Site Description:**

The Cypress Grove Preserve is located on a 135 acre nature preserve owned by Audubon Canyon Ranch at Cypress Grove Point on the east shore of Tomales Bay. The northern saltwater marsh begins approximately 1/2 mile north of Cypress Grove Point and extends south along the east shore to about 2500' north of the Point. A freshwater/brackish salt-marsh lies behind a railroad levee adjacent to the saltmarsh. Site lies within the Gulf of the Farallones National Marine Sanctuary. This sensitive site encompasses both a saltwater and freshwater/brackish marsh. There are several aquaculture licensed leases nearshore. The saltwater marsh along the east shore of Tomales Bay is relatively narrow (<25 yards wide) and not extensive (<200 yds long). A large freshwater/brackish salt-marsh lies behind a levee adjacent to the salt-marsh. A breach in the levee which functions as a narrow tidal channel is covered by a foot bridge. A white Audubon research building is located just south of the foot bridge. A wooden bulkhead structure lies south of the salt-marsh and adjacent to the white research building.

**Resources at Risk:***ESI and Habitat:* 10A Salt - and brackish-water marshes

10B Freshwater marshes

**List of Resources at Risk:**

	<b>Resource Name</b>	<b>Status</b>	<b>Presence</b>	<b>Sensitivity</b>
Birds	tri-colored blackbirds	FP, SSC	Year-round	Mar-Apr
Birds	California black rail	FP, ST	Year-round	Mar-Aug
Birds	shorebirds		Year-round	
Birds	waterfowl		Year-round	
Fish	Pacific herring		Year-round	Nov-Apr
Fish	longfin smelt	ST	Year-round	Nov-May
Insects	Western bumble bee	SP	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:**

<b>Type</b>	<b>Name/Title</b>	<b>Organization</b>	<b>Phone</b>
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	/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 area contains aquaculture leases and is a dungeness crab nursery. Several sensitive plants occur in the vicinity. Salt marsh common yellow throat (SSC) and Point Reyes salty bird's beak also occurs in the area.

**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:**

Shallow tidal flats when approaching from the water.

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

**Strategy: 2-179.1 Objective:** Exclude oil from entering tidal channel to freshwater marsh.

*Strategy:* Deploy 200' of 6X6" swamp boom in chevron configuration to protect tidal channel to freshwater/brackish marsh.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		200	feet	
Anchor	Danforth	25 lb		3		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			3		

**Strategy: 2-179.2 Objective:** Protect bayfront salt-marsh from oiling.

*Strategy:* Deploy 600' of 6X6" swamp boom along shoreline in front of salt-marsh area.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		600	feet	
Anchor	Danforth	25 lb		4		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			3		

**Strategy: 2-179.3 Objective:** Protection booming of wooden bulkhead structure adjacent to white residential building from oiling. Divert oil from riprap on shore near footbridge.

*Strategy:* Deploy 100' of 6X6" swamp boom in shallow chevron configuration around wooden bulkhead structure. Deploy 200' of 6X6" swamp boom in shallow chevron configuration around riprap area.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		300	feet	
Anchor	Danforth	25 lb		4		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			3		

**Logistics:**

*Directions:* Hwy 1 to Tomales Bay. Site is on the east shore and access through a marked gate approximately 0.75 miles north of Marshall.

*Land Access:* All vehicles

*On-Water Limitations:* Shallow water nearshore. Boat ramps at Nicks Cove and Lawson's Landing.

*Facilities, Staging Areas, Command Posts, Available Equipment:* Small amount of staging can be done on-site. A larger staging area would be at Nicks Cove.

*Communications Problems:*

