

1-430-A Site Summary - Ten Mile River**1-430-A****County:** Mendocino **ACP Division/Segment:** MN - D - S01**NOAA Chart:** 18626**Map Book:** CA Road Atlas**Decimal Degrees:** 39.55408 -123.76783**Site Description:**

This site is at the north end of MacKerricher State Park and includes the tidally influenced estuary at the mouth of Ten Mile River. Ownership includes State Parks (south side of river, west of Highway 1 bridge), Caltrans right-of-way, and private property. Site is associated with the following State Marine Protected Area(s): Ten Mile Estuary SMCA, Ten Mile SMR, Ten Mile Beach SMCA. Tidally influenced river mouth crossing a wide sandy beach. Channel fixed alongside bedrock scarp on the north side of valley. A very well developed marsh system exists landward of Hwy 1 bridge (about .33 mile upriver of mouth).

The marsh provides habitat for many kinds of waterfowl and shorebirds that forage there year-round. Salmonid migrations through the estuary occur mostly during high water flow events during winter and spring. Eelgrass and associated communities in estuary, western snowy plover (FT)(01-12): FWS Critical Habitat, nesting period (March 15-Sept 15). Nests directly in sand above high tide line-may include open beach, foredunes, dunes, gravel bars and river mouths. Raptors include osprey and peregrine falcon (01-12); burrowing owls and northern harrier in back dunes. Brant, California brown pelican, harbor seals, river otters, globose dune beetle. Tidewater goby (FE,SSC)(01-12) in estuary, FWS Critical Habitat. Anadromous salmonids include chinook (FT) and coho salmon (FE,SE), and steelhead (FT): spawning runs (09-06), smolts/juveniles (02-08). Surf smelt and night smelt spawning (04-08), surfperch spawn (04-08), juvenile Dungeness crab nursery area (07-10). Sensitive plants include Menzies' wallflower (SE,FE), leafy reed grass (CNPS List 4.2, CA Rare), Mendocino coast paintbrush (CNPS List 1B.2), Howell's spineflower (FE,ST), pink sand-verbena (CNPS 1B.1), Wolf's evening-primrose (CNPS 1B.2).

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

3A Fine- to medium-grained sand beaches

8A Sheltered scarps in bedrock, mud, or clay

List of Resources at Risk:

| | Resource Name | Status | Presence | Sensitivity |
|------------|---|---------|------------|-------------|
| Amphibians | foothill yellow-legged frog | SE, SSC | Year-round | Mar-Aug |
| Birds | Western snowy plover | FT, SSC | Year-round | Mar-Sep |
| Fish | coho salmon - south of Punta Gorda | FE, SE | Year-round | Nov-Apr |
| Fish | tidewater goby | FE, SSC | Year-round | |
| Fish | steelhead - Central/Northern California | FT | Year-round | Nov-Apr |
| Plants | sensitive plant community | | Year-round | |
| Plants | Menzies' wallflower | FE, SE | Year-round | |
| Plants | Howell's spineflower | FE, ST | 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 | /24hr | CalFire Howard Forest Emergency Command | (707) 459-5336 |
| O | / | Mendocino County Sheriff's Department | (707) 463-4086 |
| O | /Supervisor Ranger (24hr) | NORCOM State Parks Dispatch | (916) 358-1300 |
| T | / | California Dept of Fish and Wildlife, Fort Bragg | (707) 964-9078 |
| T | /Sector Superintendent | California State Parks, Mendocino District | (707) 937-5804 |
| T | / | NOAA National Marine Fisheries Service-Arcata | (707) 822-7201 |
| T | / | US Fish and Wildlife Service-Arcata Field Office | (707) 822-7201 |

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

Additional Site Summary Comments:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 373-3710, the State Office of Historical Preservation (916) 445-7000, and/or the Northwest Information Center (707) 588-8455.

Concerns and Advice to Responders:

Contact State Parks if response here is necessary. Western snowy plover critical habitat present on beach; may require biological monitors to avoid disturbance.

Hazard and Restrictions:

Private property north of the river. Locked gates.

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

Strategy: 1-430.1 Objective: Boom oil to prevent spread on an incoming tide, and strand oil for easy collection on the south side of the estuary.

Strategy: Boom from the rocky cliff face on the north and strand oil on the sand near the mouth of the river on the southern shore. Note: this is potential western snowy plover habitat.

Table of Response Resources

| Equipment | Sub-Type | Size | Unit | QTY | Unit | Last Page Update |
|-----------|-----------------|----------|------|-----|------|------------------|
| Boom | Harbor | 600 feet | | | | |
| Boom | Sorbent | 600 feet | | | | |
| Anchor | Danforth | 25 lb | | 6 | | |
| boat | Skiff | | | 2 | | |
| Staff | Staff to Deploy | | | 10 | | |
| Staff | Staff to Tend | | | 2 | | |

Strategy: 1-430.2 Objective: Shoreline Pre-Clean: Resource Specialist Supervision Required

Strategy: Pre-clean the beach by moving debris above the incoming high tide height using hand crews. Restrict beach access points and keep traffic below the high tide line as this beach may have western snowy plover nests on it.

Table of Response Resources

| Equipment | Sub-Type | Size | Unit | QTY | Unit | Last Page Update |
|-----------|-----------------|------|------|-----|------|------------------|
| Staff | Staff to Deploy | | | 1 | | |

Logistics:

Directions: From Fort Bragg turn north on Hwy 1 and follow for 9.8 miles to Ten Mile River. Exit right onto dirt road at M.P. 69.22. Follow <0.10 Mile. Turn west (left) on small road (locked gate: get access from Caltrans) before main road makes sharp turn to right and descends to base of hill. Follow dirt road for 0.5 miles under Hwy 1 Ten Mile River Bridge to State Park boundary. No vehicle access beyond Natural Preserve sign at Park boundary without authorization. In the event of emergency, all-terrain vehicles would provide the only possible vehicle access. Biological monitoring to avoid disturbance

Land Access: Locked gate access, contact Caltrans or Mendocino Sheriff

On-Water Limitations: Limited small punt hand launch only

Facilities, Staging Areas, Command Posts, Available Equipment: none

Communications Problems: Remote, limited communications

