

County: **Humboldt**
 USGS Quad:

Thomas Guide Location
 CA Road Atlas
 NOAA Chart:

Latitude N Longitude W
 40 48' 35" 124 09' 35"W

Last Page Update :

SITE DESCRIPTION:

This response site is designed to stop oil on an incoming tide from moving further up the Eureka channel towards Arcata Bay on a flood tide. It may also be appropriate on the ebb tide to strand floating oil as it comes back down either channel from Arcata Bay. The response area is the two bifurcating channels at the south west tip of Woodley Island. Oil should be stranded on shore as near to this the tip of Island as is feasible under prevailing response conditions. Woodley Island is managed by the Humboldt Bay Harbor, Recreation, and Conservation District. The stranding site is directly in front and around the statue of the mariner at the south western tip of the Island. Oil from the middle channel should be diverted to the west side of the island into the natural collection cove there.

SEASONAL and SPECIAL RESOURCE CONCERN

High bird use area year round.

RESOURCES OF PRIMARY CONCERN

An extensive public boat dock and salt marsh complex are present at Woodley Island. Extensive marsh complexes exist in Arcata Bay and will be better protected by intercepting oil here.

Waterfowl, shorebirds, wading birds, waterbirds

harbor seals, California sea lions

Green sturgeon (FT,SSC)

Groundfish (EFH)

Dungeness crab

eelgrass beds

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

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 Mr. Bryan Much, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
C		Table Bluff Reservation Wiyot Tribe	(707) 733-5055
E		City of Eureka	(707) 441-4203
T	Suzie Howser Dock Master	Humboldt Bay Harbor District	(707) 443-0801
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171
T	Bob Pagliuco	NOAA/Nat'l Marine Fisheries Service	(707) 834-2215
T	Bill Pinnix	USFWS Arcata Field Office	(707) 845-6858
T	Jeff Raimey	City of Eureka Public Marina 24-hour Cell	(707) 499-9755

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).

1-328 -A Site Strategy - Woodley Island

County and Thomas Guide Location

CA Road Atlas Humboldt

NOAA CHART

1-328 -A

Latitude N

Longitude W

40 48' 35 124 09' 35"

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

Oiling of marsh complex could cause long term damage to important habitats. Avoid anchoring in eelgrass beds.

HAZARDS and RESTRICTIONS:

The south west tip of Woodley Island near the Mariners statue is very shallow at high tide and exposed at moderate and lower tides. Underwater phone cable from marker at Woodley Island to residences on Indian Island.

SITE STRATEGIES

Swift currents, extensive mudflats. Vessel traffic may complicate response in channel.

Strategy 1-328.1 Objective: Boom, collect and skim oil out of the environment.

Diversion boom oil from out of the Eureka Channel to a skimmer at Woodley Island. Can use channel marker to tie off boom. Strategy also possible to implement on ebb tide with adjustment in collection location to Eureka waterfront side near Fishermen's Terminal.

Strategy 1-328.2 Objective: Boom, collect and skim oil out of the environment

Place a boom from the southeastern shore of Indian Island to a skimmer on Woodley Island. Cascade boom in 400-500 foot sections. Strategy possible on ebb tide with adjustment of boom location and angle. Maintain similar collection location on ebb.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no tvpe and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
1-328.1	1200	0	0	0	4 22 lb+ Danforth anchors	1		1 SPS	0 Stakes, shovels, hammer	3	
1-328.2	1200	0	0	0	4 22 lb+ Danforth anchors	1		1 SPS		5	

LOGISTICS

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

Humboldt Bay is adjacent to Highway 101, near the cities of Arcata and Eureka. Highway 255 passes over it on the north end, and the exit to Woodley Island is off of Highway 255 about 1/2 mile northeast of Eureka from Highway 101. This response site is designed to stop oil on an incoming tide from moving further up the Eureka channel towards Arcata Bay on a flood tide. It may also be appropriate on the ebb tide to strand floating oil as it comes back down either channel from Arcata Bay. The response area is the two bifurcating channels at the south west tip of Woodley Island. Oil should be stranded on shore as near to this the tip of Island as is feasible under prevailing response conditions. Woodley Island is managed by the Humboldt Bay Harbor, Recreation, and Conservation District.

LAND ACCESS: Vehicle access to Eureka waterfront and Woodley Island.

WATER LOGISTICS: shallow mudflats outside of channels

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Eureka boat lauch below Highway 255 bridge or public marina

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

Eureka Boat Launch parking lot or Woodley Island parking lot may be suitable for local staging.

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS: This site should be a priority for implementation with a strong westerly wind.

