

County: **Humboldt**

USGS Quad:

Thomas Guide Location

CA Road Atlas

NOAA Chart:

Latitude N

40 48' 20"

Longitude W

124 08'25"W

Last Page Update :

**SITE DESCRIPTION:**

The response site is northwest of the Hwy 101 bridge and extends to the mouth of the slough which is directly east of Daby Island. The slough extends a large distance east of the 101 HWY bridge. Any response should try and exclude oil from moving with the tides beyond the HWY 101 bridge. Land ownership and management includes Humboldt Bay National Wildlife Refuge, California Department of Fish and Wildlife, and City of Eureka. Eureka slough is a large tidal slough on the northern end of the city of Eureka. The water is shallow in much of the slough and large percentages of the total volume are exchanged on average tide cycles.

**SEASONAL and SPECIAL RESOURCE CONCERN**

High bird use area year round.

**RESOURCES OF PRIMARY CONCERN**

Extensive marsh habitat east of the HWY 101 bridge and just upstream of the mouth of the slough makes this site a prime target for exclusion booming.

Numerous shorebirds and waterfowl can be present at various times of the year.

harbor seals, river otters

Anadromous salmonids:

Coho (FT,ST) and Chinook (FT) salmon, Steelhead (FT) and Coastal cutthroat (SSC) trouts:

- spawning runs (08-06)

- juveniles/smolts (02-08)

Tidewater goby (FE,SSC), FWS Critical Habitat

Longfin smelt (ST)

Pacific lamprey

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
E		Target Store	(707) 442-0201
T		CA Dept of Fish and Wildlife, Wildlife Area	(707) 445-6493
C		Table Bluff Reservation Wiyot Tribe	(707) 733-5055
E		Eureka Police Department	(707) 441-4044
E		City of Eureka	(707) 441-4203
T	Ken Griggs Deputy Refuge Manager	Humboldt Bay NWR Complex-24 hr cell #2	(707) 499-2397
O	Suzie Howser Dock Master	Humboldt Bay Harbor District	(707) 443-0801
T	Eric Nelson Refuge Manager	Humboldt Bay NWR Complex-24 hour cell	(707) 498-5406
T	Eric Nelson Refuge Manager	Humboldt Bay NWR Complex	(707) 733-5406
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

**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](http://www.californiacoastline.org)).

# 1-326 -A Site Strategy - Eureka Slough

County and Thomas Guide Location

CA Road Atlas Humboldt

NOAA CHART

1-326 -A

Latitude N Longitude W

40 48' 20 124 08'25"

## CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

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

## HAZARDS and RESTRICTIONS:

Shallow water at low tide, swift currents, extensive mudflats

## SITE STRATEGIES

Shallow sloughs, extensive mudflats. Depth limitations may complicate vessel access.

Strategy 1-326.1 Objective: Exclude oil from the slough.

Proposed amendment 5/31/2007

Exclusion boom the mouth of the slough. The boom can be deployed either to exclude oil from entering or in a manner that diverts oil to the shore behind the Target store where it can be collected with a skimmer. The response area behind the Target store is accessible and large enough to allow vacuum trucks to work there. Extensive tidal flats at lower tides will make boom deployment difficult at this site.

This update changes only the descriptive response language, and possible deployment tactics. It does not change the amount of equipment needed to respond at this site.

Strategy 1-326.2 Objective: Collect oil

Proposed amendment 5/31/2007 (Equipment neutral)

Collect oil using a skimmer. The oil should be diverted from out of the channel and to the small skiff launch ramp behind the Target Store. This site is accessible with a vacuum truck, if needed.

## Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
1-326.1	1000	200	0	100	0	1	0			10	
1-326.2		1000	0	100	0	1	0	1 sss	1 collection and containment package	10	

## LOGISTICS

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

Eureka slough is just around the corner from the City of Eureka launch ramp on waterfront drive. A small skiff launch ramp behind the Target store near the 101 HWY bridge could be used for site access and boom deployments. The response site is northwest of the Hwy 101 bridge and extends to the mouth of the slough which is directly east of Daby Island. The slough extends a large distance east of the 101 HWY bridge. Any response should try and exclude oil from moving with the tides beyond the HWY 101 bridge. Land ownership and management includes Humboldt Bay National Wildlife Refuge, California Department of Fish and Wildlife, and City of Eureka.

**LAND ACCESS:** Easy drive up access behind the Target store for large trucks.

**WATER LOGISTICS:** Water depths are shallow over most of this response area.

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Boat launching for eastern response efforts can be made at the foot of the 255 HWY bridge. Skiffs can be launched at the ramp behind the Target store.

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

The Target parking lot behind the store is large enough for staging local response equipment only.

### COMMUNICATIONS PROBLEMS:

**ADDITIONAL OPERATIONAL COMMENTS:** Contact the Target store manager when using this site for response purposes.

