

County: **Humboldt**

USGS Quad:

Thomas Guide Location

CA Road Atlas

NOAA Chart:

Latitude N

40 48' 55"

Longitude W

124 10' 05"W

Last Page Update :

SITE DESCRIPTION:

Indian Island is adjacent to Woodley Island in North Humboldt Bay. Ownership and management includes the Wiyot Tribe and City of Eureka. Indian Island is a low elevation island that has large wetlands that can be submerged at higher tides. The protection strategies are designed to exclude oil from the interior wet lands by diversion and exclusionary booming. Largest Island in Humboldt Bay, it is a sacred site for many of the tribes of northern California. Strong tidal currents in the Samoa channel transport most of the water in and out of Arcata Bay.

SEASONAL and SPECIAL RESOURCE CONCERN

This is a popular habitat for lots of wildlife year round. Excluding oil from this site is of primary concern in Humboldt Bay. The site has significant historical and cultural value that must also be protected.

RESOURCES OF PRIMARY CONCERN

Extensive marsh system and wetlands are vulnerable to oiling. The entire island is a cultural resource for the tribes and the City of Eureka.

Waterfowl, shorebirds, wading birds, waterbirds

harbor seals

Green sturgeon (FT,SSC)

Pacific Oyster aquaculture in area

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) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Vicki Bates, Coordinator of the North Coast Information Center (707) 482-1822.

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

Type	Name / Title	Organization	Phone
E		City of Eureka	(707) 441-4203
C	Briana Fraley	Table Bluff Reservation Wiyot Tribe	(707) 733-5055
T	Suzie Howser Dock Master	Humboldt Bay Harbor District	(707) 443-0801
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171
T	Jeff Raimsey	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).

1-330 -A Site Strategy - Indian Island

County and Thomas Guide Location

CA Road Atlas Humboldt

NOAA CHART

1-330 -A

Latitude N

Longitude W

40 48' 55 124 10' 05"

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

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

HAZARDS and RESTRICTIONS:

Sacred site. Do not enter without permission and supervision of the Wiyot Tribe.
Shallow water at low tide, swift currents, extensive mudflats.

SITE STRATEGIES

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

Strategy 1-330.1 Objective: Stop oil from entering the islands wetlands after a skimmer and boom have been placed in the North Bay.

Add a short leg of boom from the west shore (Anchor point) of the island and connect it to the east end of the "V" boom array that is deployed as part of the North Humboldt Bay site 1-310.2 protection strategy. That terminal end is attached to an existing pile structure on the edge of the Samoa Channel.

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
1-330.1		500	0	0	0		1	0	0	0		2	

LOGISTICS

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

Indian island is only accessible by boat. Do not walk on the Island. Indian Island is adjacent to Woodley Island in North Humboldt Bay. Ownership and management includes the Wiyot Tribe and City of Eureka. Indian Island is a low elevation island that has large wetlands that can be submerged at higher tides. The protection strategies are designed to exclude oil from the interior wet lands by diversion and exclusionary booming.

LAND ACCESS: No land access

WATER LOGISTICS: The island is accessible by boat, and depth is variable.

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: There are docks on the east side, but permission to access the island should be obtained before landing there.

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

This is not a location for a staging area or a field post.

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:



CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD
 Site: 1-310, 1-328, 1-330 Site Name: North Humboldt Bay

Jeff Dayton (OSPR) & Greg Ewing (OSPR)
 Date: May 18, 2011

