

FEB 22 2007

To: North Coast Regional Water Quality Control Board
 5550 Skylane Boulevard, Suite A
 Santa Rosa, CA 95403

<input type="checkbox"/> EO _____	<input type="checkbox"/> WMgmt _____	<input type="checkbox"/> Admin _____
<input type="checkbox"/> AEO _____	<input type="checkbox"/> Timber _____	<input type="checkbox"/> Legal _____
<input type="checkbox"/> Reg/NPS _____	<input checked="" type="checkbox"/> Cleanups _____	<input type="checkbox"/> _____
<input type="checkbox"/> _____		Date _____

From: Pamela Miller
 380 Essex Lane
 Arcata, CA 95521

Date: February 19, 2007

Subject: Humboldt Bay 2008 Clean Water Act Monitoring Cycle

Please include the following information for the record in your considerations for Humboldt Bay.

The California State Mussel Watch Marine Water Quality Monitoring Program has been monitoring sites within Humboldt Bay since 1979. Six pollutants of concern have been identified by past monitoring efforts; Mercury, Cadmium, Chromium, Pentachlorophenol, Tetrachlorophenol and Alpha-HCH.

The Water Quality Monitoring Report No. 86-3WQ prepared by Stephen P. Hayes, Ph.D. and Peter T. Phillips, Consultant, Department of Fish and Game identified high levels of Cadmium and Chromium and elevated levels of Pentachlorophenol and Tetrachlorophenol within Humboldt Bay. Aluminum and Mercury were noted present at levels of interest.

Hayes and Phillips reported that sample results clearly show a source of Chromium exists within Humboldt Bay and the unidentified source started contributing high levels of Chromium to Humboldt Bay around January 1984. The report recommended that the Regional Board continue to investigate the Humboldt Bay area to identify the source or sources of Chromium.

Hayes and Phillips also recommended that the Regional Board continue to monitor for Alpha-HCH.

A Chemical Examination Report by North Coast Laboratories, LTD, 11-05-86, NCL#24054, of soot/boiler spoils from an upland deposit on the Samoa Peninsula near the former LP Pulp Mill shows Barium at 370 mg/Kg, Chromium at 40 mg/Kg and Lead at 47 mg/Kg.