

## **IMPACT OF ENVIRONMENTAL REMEDIATION OF A SUPERFUND SITE: METAL LEVELS IN WATER, SEDIMENTS AND CRABS FROM FOUNDRY COVE, NY**

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To determine the effect of environmental remediation of Foundry Cove, NY, concentrations of trace metals (Cd, Co, Ni, Cu, Pb, and Ag) were measured in surface waters, sediments and in biological tissues. While dissolved levels in the Cove have declined since initially measured in the 1970s, levels of Cd and Hg in blue crab, *Callinectes sapidus*, have remained unchanged despite major dredging. The analysis of surface sediments shows that there are still some areas within the Cove with high levels of metals. We hypothesize that those areas could be a potential source of toxic metals to the environment.