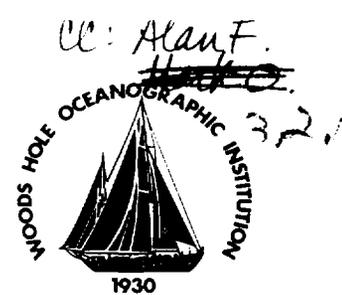


Woods Hole Oceanographic Institution
Woods Hole, MA 02543
Phone: (508) 548-1400
Telex: 951679



Mary Sanderson
Remedial Project Manager
Environmental Protection Agency
JFK Federal Building (HAN)
Boston
MA 02203

60161
APR 20 90

cc: Ship N.

4 17 90

Dear Ms Sanderson,

Following our conversation today, I would like to confirm that our laboratory will make the following preliminary study of *Fundulus heteroclitus* histopathology.

Sites: See attached chart cites D,J,& L - these are a subset of the stations used for sediment samples in the 1986 EPA study - currently in press.

Sampling: Baited minnow traps will be deployed from a 17 foot WHOI whaler launched at the ramp in Fairhaven. Traps will be set, at the time of high tide, below the low tide mark with a line to a surface float, which will bear a WHOI tag, and phone number. Traps will be retrieved 24 hours later. No contact with contaminated sediments is expected. Fish will be handled by standard methods for contaminated biota. They will be returned to the laboratory for dissection and sub-sampling. Dates of collection will be set on the basis of observed resumption of feeding activity by this species at this latitude. Projected to be mid May. You will be notified by phone once a definite date is set.

Permits: Application is currently filed with the Division of Marine Fisheries to collect for scientific purposes. Prior to collection, phone contact will be made with shellfish wardens in New Bedford, and Fairhaven, and the Division of Law Enforcement.

Findings: A "cruise report" will be filed with you after the field sampling is complete, and preliminary data will be made available to you as available, I would ask you to respect the confidentiality of the material prior to publication.

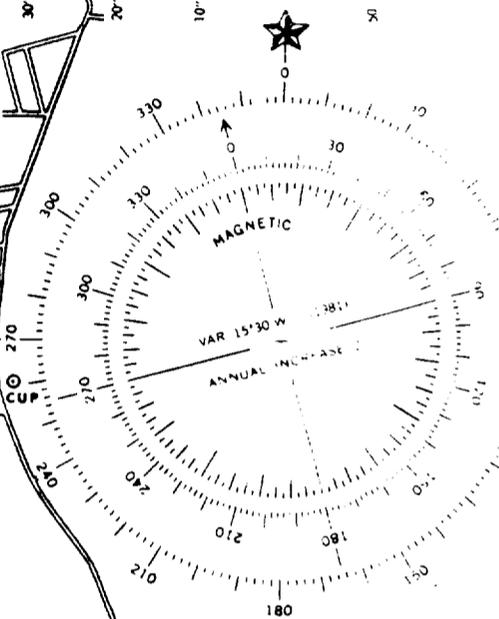
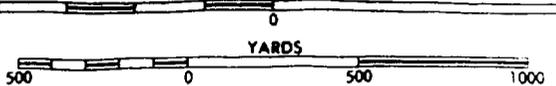
Funding: This work is part of a multi-year study of environmental carcinogenesis funded by the National Cancer Institute.

Sincerely yours,

Michael J Moore

Michael J Moore

SCALE 1:20,000
NAUTICAL MILES



NEW BEDFORD

NEW BEDFORD HURRICANE BARRIER

Hurricane barrier traffic lights are displayed on the north side of the smaller, northerly house on the west side of the entrance and adjacent to the old fort at Clarke Point. Green lights are displayed when the gate is open. Red lights are displayed from 20 minutes before the start of closing the gate through reopening.

In addition to the traffic lights, three flashing white strobe lights are shown; two from atop the west barrier operating house, one facing toward the harbor and one facing toward the bay, and a third light facing toward the bay adjacent to the old fort at Clarke Point. These synchronized lights flash every 20 seconds, but only every 2 seconds from 20 minutes before the start of closing the gate through reopening.

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY