ENDANGERED SPECIES OBSERVER PROGRAM

NEWPORT

Brunswick Entrance Channel

DAILY REPORT

Date: 03 / 12 / 99 Loads: 230 - 239

Area(s) Worked: -21 +000 to -37 +500

Weather Conditions: P. cloudy W -> NE 10-25 kts seas 1-3'

Range of H_2O Temperature: Surface 57° F Below Mid-Depth 57° F

Condition of all screening apparatus: good

Are there incidents involving endangered or protected species? Yes ✓ No ____

Comments (type of material being dredged, biological specimens, etc.):

Load #231 - Apparently fresh juvenile Caretta caretta, rear flippers and 1/3 carapace recovered from port inflow. Right fore flipper recovered from Bull dog trawler, appears to be from same turtle.

Other biological samples include: sea pork, sea whips, cownose ray, whelks + egg cases, horse shoe crab + jellyfish.

Abiotic samples include wood + plastic debris, shrimp net + scuba fins.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TE	1	4	dumpsite
TE	1	2	o/s Gray 7

Observer(s) On Duty: Kirsten Dahlen + Mary Hart

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Brunswick Entrance Channel

WEEKLY SUMMARY

Dates: 03/07/99 - 03/13/99 Loads: 175-250

Range of H_2O Temperature: Surface 57-59°F Below Mid-Depth 58-59°F

Area(s) Worked: STNS: +16+500 to +21+500 & -21+000 TO 37+500

Are there incidents involving endangered or protected species? Yes X No

Comments: 7 Mar 99: Loads 175 & 176. Recovered specimens that appear to be from same individual, juvenile C. Caretta. Head, left forflipper and rear flippers w/ approx 20% of posterior (load 175) and Right forflipper (load 176). Decay evident: scutes missing, black coloration on skin & scales. Not a fresh kill thus not obviously due to dredging activity.
11 Mar 99: Loads 224 & 225. Rt forflipper and rear flippers w/ approx 20% of posterior and various pieces of body tissue (load 224) Head and left forflipper (load 225) Size and state of decomposition (over 24 hrs - less than 1 wk) from these specimens appear to be from same individual, subadult Caretta caretta. Not a fresh kill, thus not attributed to dredging activity.
12 Mar 99: Load 231. Recovered after load 231 'apparently' fresh kill of juvenile Caretta caretta. Specimen consisted of rear flippers and approx 1/2 of Carapace. A right forflipper was recovered by trawler Georgia Bulldog, probably from the same individual.
Other biological specimens consisted of sea pork and other tunicates, sea whips, cownose rays, whelk and whelk egg cases, horseshoe crabs, bryozoans, hydrozoans, quahogs, skates and Jellyfish. Abiotic specimens include wood, plastic and cloth debris, scuba fin, netting, palm debris and grasses.
Material dredged was fine silt, mud and some clay.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TT	6	21	Tursiops truncatus (Bottlenose dolphin)
CC	3	3	Caretta caretta (Loggerhead turtle)

Observers On Duty: M Hart & K Dohlen