ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Cape Henry Channel (Chesapeake Bay)

DAILY REPORT

Date 05 / 18 / 02 Load Numbers 832-834

Area(s) Worked CB+00/150+00

Weather Conditions (incl. sea conditions) overcast, rain, rough, sea 2-5 ft, wind SW 20-40 knots

Range of Water Temp., Surface 65-66.5 °F Below Mid-Depth

Condition and Effectiveness of Screening Excellent

All inflow boxes pinned tight during observation schedule - no gaps greater than 4 inches

Are there incidents involving endangered or protected species? (YES) NO

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

At 2100 hrs, a freshly killed loggerhead sea turtle (Caretta caretta) was discovered after load # 834. Specimen was recovered from STBD FORE INFLOW and was pieced together as best as possible for photographs, schematics, and measurements (when possible). Positive I.D. was made from head, flippers, and color of scutes. Next day, CHRIS SLAY (Coastwise Consulting) and KIRK BIGELOW were notified. Dredge's fax machine was not functioning. Specimen and weight were tied together with wire and disposed of at dump site.

Other biological specimens included 15 horseshoe crabs (about 2.5 loads), whelks, sea stars, annelids, and skates. Abiotic material included rocks especially in load #834 where at least 20 rocks were present with turtle in STBD FORE INFLOW.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
No sightings		

Observer(s) on duty Lisa Gregory

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Cape Henry Channel / Chesapeake

WEEKLY SUMMARY

Note * previous weekly summary was only supposed to include 05/10 - 05/16 *

Dates 05 / 17 / 02 - 05 / 23 / 02 Load Numbers 828, 830, 832-834, 837, 839, 841-844, 846, 848-849, 851-854, 855-856, 858-859

Range of Water Temp., Surface 61-66.5°F Below Mid-Depth 61-64°F

Areas Worked (lat/longs, stations) 98+00 / 150+00; 36 59.91N 76 01.29W

Are there incidents involving endangered or protected species? YES NO

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

Dredging operations continued at stations 98+00/150+00 (36 59.91N, 76 01.29W). Dredged material consisted of finely packed sand with silt. Biological Specimens included horseshoe crabs (228), clear-nosed skates (usually 50+ a day), whelk, whelk egg casings, skate egg casings, seastars, gastropods, annelids, spiny dogfish, croaker, flounder, spider crabs, misc. crabs and 1 bull shark (~3.5 ft). Abiotic materials included rock, wood and trash. One live loggerhead (Caretta caretta) was spotted on 05/22/02. Two loggerhead turtles (Caretta caretta) were taken (05/18 and 05/23). See incident reports for diagrams and details. Chris Slay (Coastwise Consulting), Kirk Bigelow (Army Corps of Engineers) and Carrie McDaniels (NMFS) were notified of both takes.

* Observations continued on a 6 hr on / 6 hr off schedule.

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
05 / 20	Tursiops truncatus 3-5 / 0940 / 58th St / 10 yrds off port bow / travel	
05 / 22	Caretta caretta 1 / 1103 / 36 54.02N 75 56.58N / just off starboard midship	
05 / 23	Tursiops truncatus 5-7 / 1120 / 36 53.87N 75 56.54W / traveling N	
05 / 23	Tursiops truncatus 8-12 / 1820 / 36 59.83N 75 01.05W / milling just off port side	
/		
/		
/		

Observers on duty Holly Fearnbach