ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Cape Henry Channel / Chesapeake

DAILY REPORT

Date 05 / 23 / 02 Load Numbers 855-856, 858-859

Area(s) Worked stations 98+00 / 150+00 / 36 59.91 N 76 01.29W

Weather Conditions (incl. sea conditions) clear / seas 1-3 ft / winds calm-10 knots / air temp 56-82°F

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

Condition and Effectiveness of Screening good

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.):

Dredge operations continued in stations 98+00 / 150+00 (36 59.91N 76 01.29W). Dredged material consisted of finely packed sand and silt. Abiotic materials consisted of rocks, wood and trash. Biological specimens included skates (50+), 25 horseshoe crabs, spider crabs, misc crabs, annelids, whelk, whelk egg casings, gastropods, seastar and a fish head (probably croaker).

A loggerhead turtle (Caretta caretta) was taken in load 855. Time of recovery was 0615 and carapace/plastron segment was found in starboard fore inflow screen. Fresh muscle and viscera were still attached. No odor observed (fresh dead animal). Army Corps were on board in early am to examine carcass

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	5-7	1120 / 36 53.87 N 75 56.54W / traveling N
Tursiops truncatus	8-12	1820 / 36 59.83N 76 01.05W / milling just off port side

Observer(s) on duty Holly Feanbach

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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	
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Observers on duty Holly Fearnbach