ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Cape Henry Channel (Chesapeake Bay)

DAILY REPORT

Date 05 / 13 / 02 Load Numbers 810-812

Area(s) Worked 46+00/96+00 and 98+00/150+00

Weather Conditions (incl. sea conditions) clear to partly sunny, seas 1-4 ft, wind 10-20 knots

Range of Water Temp., Surface 66 – 69°F Below Mid-Depth

Condition and Effectiveness of Screening Fair

New hydraulic system on front gate of port foreward inflow seemed unable to hold gate tightly shut → left ~5" gap open. Gate was pinned following day.

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.):

A freshly killed loggerhead sea turtle (Caretta caretta) was discovered immediately following load #810 at 1000 hrs. Specimen recovered from STBD AFT INFLOW with several pieces recovered in STBD FORE INFLOW. Specimen was pieced together as best as possible for measurements, photographs, and schematic. Positive I.D. was made from remaining head, color of scutes, and flippers. Army Corps of Engineers Inspector KIRK BIGELOW was present and assisted with data collection. CHRIS SLAY* of Coastwise Consulting was notified and incident report and turtle schematic were faxed to him. Screening and dragheads were inspected and are in good working order. Specimen was tied in wire with a weight and disposed of at dump site.

Other biological specimens included 53 horseshoe crabs, assorted crabs, whelks, polychaete worms, seastars, skates, fish,

*Will contact required NMFS personnel

Abiotic material included rocks, wood, rope and other trash

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. truncatus	1	1530 on the way to dump site
T. truncatus	~3	1750 36°59'N 76°01'W

Observer(s) on duty LISA GREGORY

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WEEKLY SUMMARY

* 05/17/02 and 05/18/02 moved to next weekly summary *

Dates 05 / 10 / 02 - 05 / ~~18~~ 19 / 02 Load Numbers 799-801, 804, 805-807, 810-812, 815-816, 819, 823-824 ~~828, 830~~, ~~832-834~~

Range of Water Temp., Surface 63-69 °F Below Mid-Depth

Areas Worked (lat/longs, stations) 46+00/96+00, 98+00/150+00

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

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

Dredge continued operations at stations 46+00/96+00 and then began new stations 98+00/150+00.

~~Two~~ One freshly killed loggerhead sea turtle (Caretta caretta) ~~were~~ was taken on 5/13/02 ~~and 5/18/02~~. See incident report and diagrams for more details. Chris Slay (Coastwise Consulting) and Kirk Bigelow (Army Corps of Engineers) were both notified.

On 17 May 02, observation began on a 6 on/6 off basis instead of 12 hours during the day. Over 151 horseshoe crabs were dredged during the week. Other biological catch included assorted gastropods, bivalves, crabs, sea stars, annelids, skates and a few spiny dogfish. Abiotic catch included rock, rope (and other trash), wire.

* Note, only one turtle taken this week - second turtle included in 05/17 - 05/23 weekly summary *

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
5/10	T. truncatus / 35-43	
5/13	T. truncatus / ~4	
5/15	Lepidochelys Kempi / 1	observed breathing @ 75ft off port bow
/		
/		
/		
/		

Observers on duty Lisa Gregory