ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bryant

Project: Cape Henry Channel / Chesapeake

DAILY REPORT

Date 06 / 01 / 02 Load Numbers 889, 891-892

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

Weather Conditions (incl. sea conditions) cloudy-clear / seas 1-2 ft / winds 5-15 knots / air temp 70-80°F

Range of Water Temp., Surface 71-73°F Below Mid-Depth 70-71°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 at stations 98+00 / 150+00 (36 59.91N 76 01.29W). Trawler "Winds of Fortune" worked from 0500 until 2000. Dredged material consisted of finely packed sand with silt. Abiotic materials included rock, wood and trash. A green sea turtle (Chelonia mydas) was recovered from the port side fore inflow screen following load 891. The turtle was a fresh take and suffered from a severe crack along the vertebral scutes. Several lateral cracks were visible into the costal scutes, along with various chips from the carapace and along the marginal scutes. Blood was observed and all internal organs were exposed but still intact. Measurements and photographs were taken and the turtle was frozen whole. Please see attached incident report for further details / diagram.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		Biological specimens included 55 horseshoe crabs, spider, blue and mud crabs, whelk, skate, egg casings, 1 spiny dogfish, 1 bullshark (~1.5 ft), moon snails, annelids, flounder and assorted shellfish

Observer(s) on duty Holly Fearnbach

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Cape Henry Channel (Chesapeake Bay, VA)

WEEKLY SUMMARY

Dates 05 / 31 / 02 - 06 / 06 / 02 Load Numbers 884-85, 887-88, 889, 891-92, 893-96, *897, 899, 901, 903, 905-06, 908, 910 (* off-duty)

Range of Water Temp., Surface 68-74°F Below Mid-Depth 68-73°F

Areas Worked (lat/longs, stations) Mid cut: 36°59.9'N / 76°01.2'W Stations: 98+00/158+00

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

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

Observer Lisa Gregory (Coastwise Consulting) boarded dredge while docked for repairs on 6/3 @ 1730. All other days during the week, dredge continued operations as usual at stations 98+00 (96+00)/158+00. Trawler, "Winds of Fortune", trawled surrounding area from 5/31 - 6/5. No turtles were captured in trawl. A green sea turtle (Chelonia mydas) was recovered from the PORT FOREWARD INFLOW screen (6/1 - load # 891). A portion of loggerhead (Caretta caretta) carapace was recovered from the same screen on 6/4 (load # 901). Both were determined to be fresh kills. Please see incident reports for more details.

Dredged material included silt and fine sand. Biological by-catch included 175 horseshoe crabs, skates, whelks and other gastropods, annelids, dogfish, bull shark, blue crabs and other assorted crabs, and flounder. Abiotic material included wood, stones, assorted trash, and a gas cylinder.

Bridge Watch Summary

Date	Various Species and Respective Number		Comments
5/31	Tursiops truncatus,	2	0808
5/31	"	8-10	0818
5/31	"	250	1015
5/31	"	8-10	1835
6/4	"	4	1310
6/5	"	2	0730
/			

Observers on duty Lisa Gregory