

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: BAYPORT

Project: CAPE HENRY CHANNEL / CHESAPEAKE BAY

DAILY REPORT

Date 04 / 24 / 02 Load Numbers 718-720

Area(s) Worked STATIONS 46000 TO 96000 RED + GREEN TOW LINES / 36° 59' N 76° 00' W

Weather Conditions (incl. sea conditions) CLEAR SKIES; WINDS EAST 5-10 KTS; SEAS N/NE 2-4 FT.

Range of Water Temp., Surface 57° - 59° F Below Mid-Depth 56° - 58° F

Condition and Effectiveness of Screening GOOD / ABIOTIC SAMPLES CONSIST OF ROCK, WOOD + TRASH.

BIOLOGICAL SPECIMENS INCLUDE ASSORTED CRABS, SHELL, CORAL, SEASTAR, SKATE AND FLOUNDER.

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 NUMBER 718 AT APPROXIMATELY 1115 HRS. THE SPECIMEN WAS RECOVERED FROM THE PORT SIDE AFT, INFLOW SCREENING POINT. THE SPECIMEN WAS IN 3 MAJOR, SEPARATE PIECES. POSITIVE IDENTIFICATION WAS MADE FROM REMAINING HEAD, FLIPPERS AND CARAPACE / PLASTRON PARTS RECOVERED. THE SAMPLES WERE ALL MEASURED, SKETCHED AND PHOTOGRAPHED. THE SPECIMEN WAS THEN PLACED IN SHIP'S FREEZER PENDING ANY ADDITIONAL PARTS THAT MAY BE RECOVERED IN SUBSEQUENT LOADS. ARMY CORPS OF ENGINEER INSPECTOR KIRK BIGELOW ON BOARDED AND CONSULTED. ALSO NOTIFIED WERE CHRIS SLAY (COASTWISE CONSULTING) AND MARY COLLIGAN OF THE NATIONAL MARINE FISHERIES SERVICE. PLEASE SEE INCIDENTAL TAKE REPORT AND DIAGRAM FOR FURTHER DETAILS. THE SCREENING AND DRAGHEADS WERE THOROUGHLY INSPECTED AND DETERMINED EFFECTIVE AND IN GOOD WORKING ORDER

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>NONE</u>		

Observer(s) on duty BRETT JOHNSON

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WEEKLY SUMMARY

Dates 04 / 19 / 02 - 04 / 25 / 02 Load Numbers 691-725 (NOT CONSECUTIVE)

Range of Water Temp., Surface 55° - 59° F Below Mid-Depth 55° - 58° F

Areas Worked (lat/longs, stations) STATIONS 46000 TO 96000 RED AND GREEN TOW LINES

Are there incidents involving endangered or protected species? YES NO

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

DREDGE CONTINUES OPERATIONS AT STATIONS 46000 TO 96000 RED AND GREEN TOW LINES. MATERIAL DREDGED IS SAND WITH SILT.

A LOGGERHEAD SEA TURTLE (*Caretta caretta*) WAS TAKEN ON 04/24/02 FOLLOWING LOAD 718 AT APPROXIMATELY 1115 HRS. SPECIMEN WAS SEVERELY MACERATED INTO THREE MAJOR PORTIONS. POSITIVE IDENTIFICATION WAS MADE AND SAMPLES WERE PHOTOGRAPHED AND MEASURED. USACE, CHRIS SLAY (CONST. WISE CONSULTING), AND MARY COLLIGAN (NATIONAL MARINE FISHERIES SERVICE) WERE ALL NOTIFIED AND RECEIVED COPIES OF REPORT AND DIAGRAMS.

ABIOTIC SAMPLES CONSISTED OF ROCK, WOOD AND MISCELLANEOUS TRASH. BIOLOGICAL SPECIMENS INCLUDED ASSORTED CRAB, SHELL, CORAL, SEASTAR AND SEAGRASSES. ALSO SAMPLED WERE NUMEROUS FLOUNDER AND SKATES AS WELL AS 1 SPINY DOGFISH.

PLEASE SEE DAILY, INCIDENT AND DIAGRAM FOR 04/24/02 REGARDING DETAILS TO CARETTA TAKE.

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
<u>04/19</u>	<u>Tursiops truncatus 10-12</u>	<u>DREDGE IN TRANSIT FROM DUMP</u>
<u>04/20</u>	<u>Tursiops truncatus 20-24</u>	<u>IN AND ABOUT CHANNEL AND</u>
<u>0 /</u>		<u>DISPOSAL SITE</u>
<u>/</u>		

Observers on duty BRET JOHNSON