ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: BAYPORT

Project: YORK SPIT, VA

DAILY REPORT

Date 10 / 03 / 02 Load Numbers 332-333; *336-337

Area(s) Worked STATIONS: 198-214; 228-260; *120-140 (GREEN)

Weather Conditions (incl. sea conditions) GLASS/SSK, CALM SEAS, HAZY, SUNNY - HIGH 80°F

Range of Water Temp., Surface 75°F Below Mid-Depth

Condition and Effectiveness of Screening SCREENING IN EXCELLENT CONDITION AND WORKING WELL.

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.):

*WITH COMPLETION OF LOAD #336 IN STATION 120-140, A PORTION OF Cc CARAPACE AND CONNECTED PLASTERON WERE EXTRACTED FROM PORT INFLOW BOX. SEVERAL STRANDS OF LARGE/SMALL INTESTINE WERE ALSO NOTED ON AFT WIER. SAMPLE WAS IN GOOD CONDITION CONTAINING 4 LATERAL SCUTES AND NEARLY ALL RIGHT MARGINAL SCUTES POSITIVELY IDENTIFYING IT AS A LOGGERHEAD. SCUTES WERE REDDISH-BROWN IN COLOR, CONNECTIVE/FATTY TISSUE WASN'T NECROTIC, NO ODOR WAS EVIDENT, AND SEVERAL SMALL, LIVE BARNACLES WERE SEEN; ALL CONFIRMING FRESH KILL.

ADDITIONAL BYCATCH WAS: 15 HORSESHOE CRABS, 2 BLUE CRABS, SEVERAL KNOBBED AND CHANNELED WHELKS, WHELK EGGCASES, & MOON SNAILS. ABIOTIC WAS: FABRIC, ALUMINUM PIECES, TIN CAN, & ROCKS.

MATERIAL IN HOPPER CONTINUES TO BE A COMBINATION OF SUSPENDED SILT, SAND, & MUD.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO SIGHTINGS		

Observer(s) on duty CARRIE SINGER

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V BAYPORT

Project: YORK SPIT - CHESAPEAKE BAY, VA

WEEKLY SUMMARY

Dates 09 / 27 / 02 - 10 / 03 / 02 Load Numbers 286-337 : SEE DAILY FOR EXACT LOADS INSPECTED.

Range of Water Temp., Surface 75°-76° F Below Mid-Depth

Areas Worked (lat/longs, stations) STATIONS: # 40-270 : SEE DAILY FOR CORRESPONDING LOADS.

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

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

09.28.02: LOADS #295-296 PRODUCED AN ANTERIOR PORTION OF FRACTURED CARAPACE OF Cc FRESHLY KILLED. A POSTERIOR SECTION OF MARGINAL SCUTES APPEARED IN #296 BELONGING TO SAME TURTLE. SEE DAILY & INCIDENT REPORTS FOR ADDITIONAL INFORMATION.

*09.29.02: FULLY MATURE Cc WAS SPOTTED @ 2257 FLOATING ON SURFACE. CARCASS WAS EXTREMELY BLOTTED AND SKIN WAS SLOTHING OFF BOTH FLIPPERS & HEAD. APPEARED TO HAVE BEEN DEAD FOR SEVERAL DAYS & WITH NO SIGN OF DISTRESS WAS NOTED IN NOT BEING AFFECTED BY DREDGING ACTIVITIES.

10.03.02: LOAD #326 PRODUCED A LARGE PORTION OF CARAPACE AND ADJOINING PLASTRON OF A CLOUT OF PORT INFLOW SCREEN. SAMPLE IN GOOD CONDITION, NOT NECROTIC, NO ODOR & MARKED AS A FRESH KILL. SEE DAILY & INCIDENT REPORTS ATTACHED FOR MORE INFORMATION.

OVERALL BIOTIC BYCATCH WAS: 189 HORSESHOE CRABS, 24 BLUE CRABS, KNOBBED & CHANNEL WHELKS, WHELK EGGCASES, MOON SNAILS, FLATFISH, BURROWING WORMS, HERMIT CRABS, & STING RAYS. ABIOTIC INCLUDED: YARDS OF FABRIC, ALUMINUM CANS, ROCKS, FISHING LINE W/ ATTACHED HOOKS, PLASTIC BAGS, & PIECES OF TIN.

DREDGED MATERIAL CONTINUES TO BE COMBINATION OF SUSPENDED SILT, MUD, & SAND.

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
* 09 / 29	Caretta caretta (1) DEAD	37°10.98N 76°9.36W
09 / 30	Tursiops truncatus (5-10+/-) FEEDING	37°11.01N 76°9.35W @ BUOY #28
10 / 01	Caretta caretta (1) SURFACING	SEEN @ BUOY # 29 ONLY ONCE.
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Observers on duty CARRIE SINGER