ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *SUGAR ISLAND* / NATCO

Maintenance Dredging - 1995 - Delaware River Entrance Channel

USACE, Philadelphia District

DAILY REPORT

Date: 11 / 3 / 95 Loads: 393 - 400

Area(s) Worked: Stations 469 - 476 and 357 - 359

Weather Conditions: Overcast; Occasional rain; Seas 1-4'; Winds 0-30 knts SW/NW

Range of H_2O Temperature: Surface 62° F Below Mid-Depth

Condition of all screening apparatus: Screens and boxes are all in good condition. Deflectors are fine, showing a little wear.

Are there incidents involving endangered or protected species? Yes X No

Comments (type of material being dredged, biological specimens, etc.):

Juvenile loggerhead turtle (Caretta caretta) found on wash deck beneath starboard draghead. Extensive damage to rear quarter of turtle. Specimen placed in freezer on-board vessel. Incident report attached @ several photos.

Relocated to a new dredging area further up channel. First load in new area (Stations 357 - 359) was # 400.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
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Observer(s) On Duty: Joe Ferris

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *SUGAR ISLAND* / NATCO

Maintenance Dredging - 1995 - Delaware River Entrance Channel

USACE, Philadelphia District

WEEKLY SUMMARY

Dates: 10 / 28 / 95 - 11 / 5 / 95 Loads: 299 - 408

Range of H_2O Temperature: Surface 65°F - 58°F Below Mid-Depth

Area(s) Worked: Stations 469 to 476 and 357 - 359.

Are there incidents involving endangered or protected species? Yes X No

Comments:

At least 50% coverage has been provided during this dredging period. One juvenille loggerhead turtle was taken on Friday, November 3 1995. The turtle was found beneath the draghead on starboard side following load # 399 working between stations 469 - 476. Length of carapace was 20" wide by 21" long, weighing approximately 30 lbs.

Materials found in the discharge boxes included mostly horseshoe crabs, shells and a few fish in area 469 - 476. Very few biological specimens are being found in boxes in the work area between stations 357 and 359. Materials here are primarily rock and shells. Somewhat unusual materials for this type of marine environment.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			

Observers On Duty: Jennifer Gatzke and Joe Ferris