ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: York Spit

DAILY REPORT

Date 09 / 03 / 02 Load Numbers 131, 132, 133, 135, 136

Area(s) Worked 60^{+00} - 128^{+00} (also 0^{+00} - 60^{+00} cleanup)

Weather Conditions (incl. sea conditions) clear, hazy, wind NW 5, Beaufort 2

Range of Water Temp., Surface 77-78° F Below Mid-Depth 77.0 - 77.5° F

Condition and Effectiveness of Screening Chains put on inflow doors port + starboard to address problem of doors opening at high discharge flow. Effectiveness increased.

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.):

Loggerhead (Caretta caretta) recovered from overflow after load 131 at 0645. Specimen in 3 parts comprising almost entire turtle except center line of dorsal carapace. Most internal organs missing. Chris Slay, NMFS, ACOE notified. Kirk Bigelow on board + consulted. Specimen sent to Virginia Marine Science Museum. Chains put on forward inflow doors port + starboard after load 132 to keep inflow doors closed. Effectiveness of inflow screening increased.

Dredged material sandy mud.

Biological samples include 30 horseshoe crab, blue crab, 1 flatfish, whelks, algae

Abiotic samples include wood pieces + trash bags

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty Reisa Fatorra

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: York Spit

WEEKLY SUMMARY

Dates 08/30/02 - 09/05/02

Load Numbers 98, 99, 100*, 102, 103, 104, 107, 108, 111, 112, 115, 116, 117*, 119, 120, 123, 124, 127, 128, 131, 132, 133, 135, 136, 139, 140, 142, 143, 146, 147*

Range of Water Temp., Surface 77-79.5°F

Below Mid-Depth 77-79.5°F

Areas Worked (lat/longs, stations) 60+00 - 128+00 (also 0+00 - 60+00 clean-up)

Are there incidents involving endangered or protected species? **YES** **NO**

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

1 subadult caretta caretta recovered from overflow on 9/3/02 after load 131. Specimen was a fresh kill (see incident report). Chains put on inflow doors after load 132 to keep doors closed during loading. Turtle specimen sent to Virginia Marine Science Museum per their request.

Biological diversity + abundance were low. Specimens included 197 horseshoe crabs, whelks, blue crab, a few fish, rays, algae. Abiotic samples included wood pieces + trash.

Dredge material was sandy mud.

Reisa Latorra disembarked vessel on 09/05 ~ 12:00

* loads monitored partway through (eg. after 1st cut)

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
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Observers on duty Reisa Latorra