ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: York Spit

DAILY REPORT

Date 08 / 26 / 02 Load Numbers 69, 70, 73, 74

Area(s) Worked 0+00 - 60+00, 60+00 - 128+00

Weather Conditions (incl. sea conditions) cloudy, wind NE 10-15, Beaufort 2

Range of Water Temp., Surface 82.5 - 83°F Below Mid-Depth 82.5°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.):

Freshly killed loggerhead found wedged into starboard draghead after load 73. Turtle virtually intact with large open crack extending the length of the carapace + some internal organs sucked out. Part of digestive tract found in starboard aft inflow. Chris Slay notified, who notified Bob Richards + NMFS. See incident report for details. Turtle deflectors OK. Turtle taken at cleanup on stations 0+00 - 60+00 green tow line. Remains wrapped in chain, weighted, + dumped at disposal area.

Note: no turtles observed during bridge watches.

Other biological samples: 31 horseshoe crab, some blue crab, shells, worms.

Abiotic samples - 1 roll chicken wire.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty Reisa Fatorra

Bayport
York Spit

WEEKLY SUMMARY

Dates 08/23/02 - 08/29/02 Load Numbers 42, 43, 44* 47, 48, 50, 51, 55, 56, 60, 61, 64, 65, 66, 69, 70, 73, 74, 77, 78, 79, 81, 82, ~~83, 86, 87, 90, 91, 92*, 93, 94~~

Range of Water Temp., Surface 80-83°F Below Mid-Depth 80°-83°F

Areas Worked (lat/longs, stations) -58+00 - +128+00

Are there incidents involving endangered or protected species? YES NO

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

* Loads checked mid-load (at end of shift)

On 8/26 Load 73 a freshly killed loggerhead was found in the starboard draghead. Coastwise consulting, NMFS, Manson + ACOE notified by 8/27. Digital photos taken, measurements documented, and specimen wrapped in chain + weighted + dumped at disposal area.

8/29 Vessel suspended dredging to take on fuel, water, etc. Dredging resumed at 1713 on 8/29.

Dredge material in stations <60+00 mostly mud. Stations 60+00-128+00 material is sandier, but still contains sulfurous mud.

Biological diversity + abundance very low: 266 horseshoe crabs, some blue crab, whelk shells, worms, algae, occasional fish.

Abiotic samples also few - some trash (mesh bags, pieces of line, cans), chicken wire, pieces of wood.

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
08/23	Tursiops truncatus (bottlenose dolphin) 6-7	seen near small shoals of fish. Dolphins stayed in tight formation, submerging + surfacing ~~simultaneous~~ all together.
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Observers on duty Rosa Fatorra