ENDANGERED SPECIES OBSERVER PROGRAM

PADRE ISLAND

YORK RIVER ENTRANCE

DAILY REPORT

Date: 09/30/98 Loads: 238 - 241

Area(s) Worked: 80+00 → 160+00

Weather Conditions: CLEAR, WIND N → S FORCE S → 2-3

Range of H_2O Temperature: Surface 24.0 - 25.5°C Below Mid-Depth —

Condition of all screening apparatus: IN APPARENT GOOD ORDER.

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

Comments (type of material being dredged, biological specimens, etc.): DREDGING AS USUAL, SILT & CLAY MATERIAL. CONTINUING TO SAMPLE MANY ROCKS, CLAY, CLAYBALLS, SOME STEEL DEBRIS & WOOD. BIOLOGICAL SPECIMENS INCLUDED L. POLYPHEMUS, B. CARICA, A FEW BIVALVES, LITTLE ELSE. AFTER THE COMPLETION OF LOAD 240, A TURTLE TAKE WAS NOTED IN THE PORT DRAGHEAD, A FEMALE CARETTA CARETTA OF ESTIMATED CARAPACE DIMENSIONS (STRAIGHT LINE): 57CM L. X 51CM W. (CURVED): 67 L. X 58 W. PLASTRON DIMENSIONS: 43.5 CM L. 44.8 CM W. HEAD W: 11.5CM L. 13.7CM. A SECOND TAKE IN THE STBD FWD HOPPER DISCHARGE BOX WAS NOTED, ANOTHER ♀ CARETTA CARETTA, CARAPACE SL. ESTIMATED LENGTH 60.4CM W: 50CM (ESTIMATES DUE TO BAD SHELL DAMAGE). PLASTRON 46CM L. X 38CM W. HEAD: 12.4CM W X 14.5CM L.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
NO OBSERVATIONS -			

Observer(s) On Duty: C. MASON.

ENDANGERED SPECIES OBSERVER PROGRAM

PADRE ISLAND

YORK RIVER ENTRANCE.

WEEKLY SUMMARY

Dates: 09 / 28 / 98 - 10 / 04 / 98 Loads: 229 - 269

Range of H_2O Temperature: Surface 23.0 → 25.5°C Below Mid-Depth N/A

Area(s) Worked: 110+00 → 30+00 ; 80+00 → 160+00 ; 160+00 → 210+00 ; 210 → 263.

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

Comments: DREDGING IN SECT 110 → 30 WAS CLEAN-UP, SAMPLING CLAY, ROCKS, LITTLE TRASH, MATERIAL MOSTLY SILT. SECTION 80 → 160 YIELDED MUCH MORE CLAY, WITH ROCKS, & TRASH, MATERIAL IS SILT, CLAY. ON LOAD 240 (9:30) A CARETTA CARETTA WAS TAKEN IN THE PORT DRAGHEAD (S.L. LENGTH 57CM WIDTH: 51CM, EST. CURVED 67 X 58. PLASTRAL DIMENSIONS: 43.5CM L. X 44.8CM W.) A SECOND TAKE, ALSO ON LOAD 240, WAS A CARETTA CARETTA S.L. LENGTH 60.4CM X 50CM WIDE PLASTRON: 46CM L. X 38CM W. BOTH WERE FEMALES, MEASUREMENTS ESTIMATED DUE TO CARAPACIAL DAMAGE. THE FOLLOWING DAY, DREDGING NEW SECTION 210 → 160, MATERIAL OF DARK SMELLY SILT, LITTLE CLAY, SAMPLING MORE TRASH DEBRIS. ON 10-03, LOAD 253, A CARETTA CARETTA WAS TAKEN IN THE PORT DRAGHEAD. APPX. SL. LENGTH 71.6CM WIDTH 63CM. PLASTRON 50.4 CM L. X 43CM W. AFTER THIS INCIDENT, DREDGE WAS MOVED AGAIN, TO SECTION 210 → 263, PREVIOUSLY UNDREDGED. MATERIAL DARK SILT, SAMPLING WOOD, LINE, CABLE, ROCKS. NO TURTLE WAS TAGGED, ALL SCREENING & TEDS IN EXCELLENT CONDITION. SEX OF 10-03 TAKE WAS UNDETERMINED.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
NO OBSERVATIONS			

Observers On Duty: C. MASON