PROJECT: Brunswick Harbor Dredging, GA

INCIDENT REPORT OF SEA TURTLE MORTALITY
AND DREDGING ACTIVITIES

Species: Kemp's Ridley (Lepidochelys kempii)

Date: 3-28-04 Time: 24 hour clock 0830

Geographic Site: Brunswick Entrance channel

Location: Latitude 31°03'20.2N Longitude 81°15'14.3W

Vessel Name: Padre Island

Type of Dredging Activity: Hopper, maintenance, clean-up

Load #: 2 Sampling Method: 100% inflow, skimmers screens

Location Specimen Recovered: Aft starboard inflow

Draghead Deflector? YES ✓ NO ____

Condition of Deflector: Good

Weather Conditions: Winds light airs, seas calm

Water Temp: Surface 60°F Column 59°F

Head Width: 8 cm Plastron Length: 27cm

Carapace S.L. Length: 33 cm Carapace S.L. Width: 30cm

Carapace O.C. Length: ____ Carapace O.C. Width: ____

Condition of Specimen: Live, injured

Turtle Tagged: YES ____ NO X

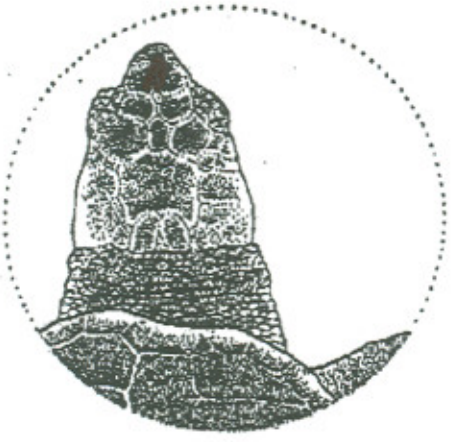
Tag #: ____ Tag Date: ____

Comments/Other: Turtle taken in to turtle rehabilitation center

Observer's Name: ERIC Westerman

Lepidochelys kempii (Kemp's Ridley)
Shade areas of turtle that are missing. Sketch cracks and lacerations.

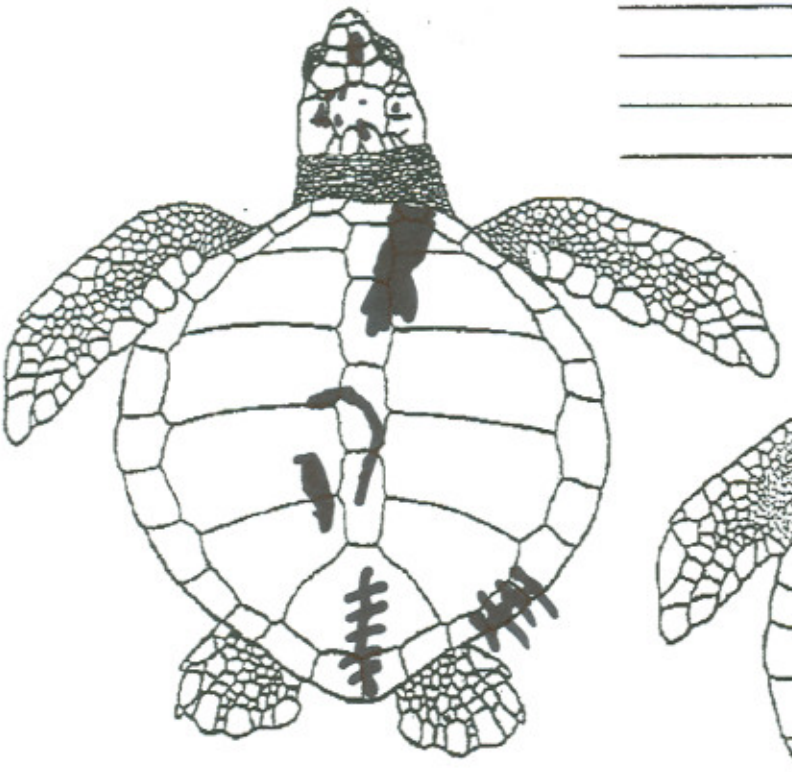
Brunswick Harbor
Dredge Padre Island
3-28-04

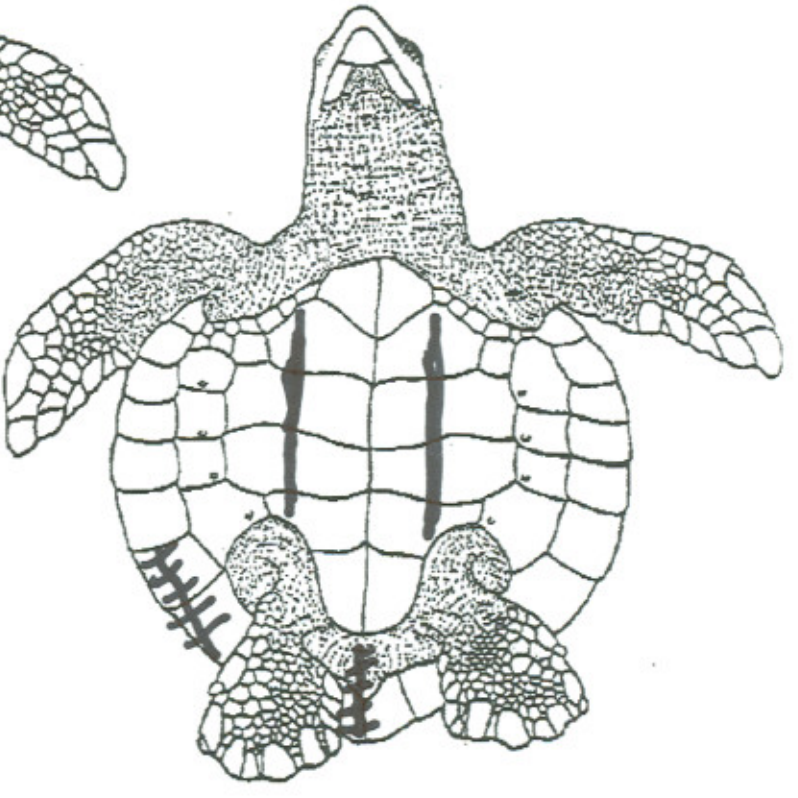


Comments: Key
cracks ++++
lacerations

Note small amount of innards protruding from anus.

Photos taken.





Diagrams by Tom McFarland

ENDANGERED SPECIES OBSERVER PROGRAM

SEA TURTLE INCIDENTAL TAKE DATA FORM

USACE DISTRICT: Savanna GA
PROJECT NAME: Brunswick GA **DREDGE NAME:** Padre Island

DATE: 3-28-04 **Time turtle take recovered (24hr):** 0830 **Turtle take # for project:** 1

LOAD #: 02 **Times (24hrs):** Start 0537 End 0917 **Load start date** 3-28-04

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green (Kemp's ridley) Hawksbill Leatherback

Channel location of take: Latitude 31°03'20.2N Longitude 81°15'14.3W
Other location / Channel description (e.g. buoy markers, landmarks): Between sea buoy and buoys 1-2.

Location take recovered on dredge: Aft starboard inflow

Number of dragheads in use at time of incident: 2 **Draghead deflector?** YES X NO ___
Condition of deflector: Good **Condition of screening:** Good

Beaufort Sea State: 0 1 2 (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 70 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 60 °C/(°F) **Column (mid-depth)** 59 °C/(°F) **Bottom** 58 °C/(°F)

Condition of specimen: Live, injured (0)

(0 = Alive) 1 = Fresh dead; 2 = Moderately decomposed; 3 = Severely decomposed; 4 = skeleton/old bone; 5 = undetermined

Sex: M F (UN) **How determined?** ___ **Age class:** Juv ___ Sub-Adult ___ Adult ___ UN ___

Measurements: Circle units

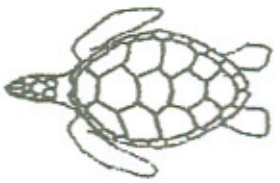
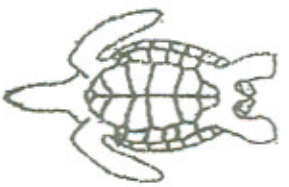
Head Width:	8 cm/in	**Plastron Length:**	27 cm/in
Plastron Width:	— cm/in	**Carapace Straight Length:**	33 cm/in
Carapace Straight Width:	30 cm/in	**Carapace Curved Length:**	— cm/in
Carapace Curved Width:	— cm/in		

Measurement/description of part: ___

Genetic samples taken: YES ___ NO X **Photos taken:** YES X NO ___
Turtle tagged?: YES ___ NO X **Tag type:** ___ **Tag #:** ___ **Tag date:** ___
Final disposition of specimen: Georgia DNR Brad Winn

Comments: The turtle was efficiently brought to shore for treatment.

Load data form attached: YES X NO ___ **Dredge load log attached:** YES ___ NO X

Observer's name ERIC Westerman

Use diagrams below to illustrate specimen/part recovered: