ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: Savannah

PROJECT NAME: Brunswick Channel Entrance **DREDGE NAME:** Eagle One

Date: 11/14/05 **Load #s:** 01-03 **Areas dredge worked:** Brunswick Bar channel Red tail between buoy 12+13

Weather conditions: Sunny breezy with cloud development late in the day and winds diminishing

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

AIR TEMP: (75.9 / 70.5) °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 65°F °C/°F Column (mid-depth) 65°F °C/°F Bottom NA °C/°F

Condition of deflector: Good **Condition of screening:** Good

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) ____

Comments (type of material, biological specimens, unusual circumstances, etc):

→ There were no incidents involving any endangered, threatened or protected specie

→ Dredged material is sand/mud mixed with clay and little mollusc shell.

→ Biological take includes one unidentified skate, shells of knobbed whelk, pen shell, arc clam and giant Atlantic cockle.

→ The trawler, Winds of Fortune, made four passes at dig site before the start of the project. No turtles were taken by the trawler today.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments (portside of dredge)
09:15	Tursiops truncatus	3 / pod (6+)	50 m outside of channel E of buoy 13,14/surfacing
09:30	Tursiops truncatus	2 / 2	just inside channel @ buoy 14 (starboard side of dred.
14:15	" "	1 / 5	inside channel

Observer name Patricia Kusmierski / Karen Underkoffler

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: Savannah

PROJECT NAME: Brunswick Channel Entrance **DREDGE NAME:** EAGLE 1

Date: 11-15-05 **Load #s:** 04-08 **Areas dredge worked:** Brunswick Bar Channel Buoys 12+13

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

AIR TEMP: 66-86.7 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface N/A °C/°F **Column (mid-depth)** 66°-68° °C/(F) **Bottom** N/A °C/°F

Condition of deflector: Good **Condition of screening:** Good

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) ____

Comments (type of material, biological specimens, unusual circumstances, etc):

There were no incidents involving any endangered, threatened or protected species.

Dredged material consists of a sand mixture with small mollusc shell, mud and clay aggregates.

Biological sampling includes 9 Limulus polyphemus (horseshoe crab); 1 Callinectes sapidus (blue crab); shells of Cognina clam, giant Atlantic cockle, arc clam, knobbed whelk, channel whelk, northern quahog, and oyster; palmetto; 2 cannonball jellies

Debris includes rope, pvc pipe and electrical wire.

No turtles were taken by the trawler, Winds of Fortune, today.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
1350	Loggerhead-Caretta caretta	1 / 1	just outside Buoy 1 / going to dump
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Observer name Karen Underkoffler / Patricia Kensmierski

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: Savannah

PROJECT NAME: Brunswick channel entrance DREDGE NAME: EAGLE 1

Date: 11-16-05 Load #s: 10 - 12 Areas dredge worked: Between Buoys 10+12, 11, 13

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

AIR TEMP: 73.6 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface N/A °C/°F Column (mid-depth) 65 °C/(F) Bottom N/A °C/°F

Condition of deflector: good Condition of screening: good

Were there incidents involving endangered or protected species? YES ____ NO X

Which species? (complete incident form(s)) ____

Comments (type of material, biological specimens, unusual circumstances, etc): ____

The trawler caught a Kemps Ridley at approximately 1400 on 11-16-05 - the turtle will be tagged, photographed + released outside of dredging area (winds of fortune)

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name Karen Underkoffler

ENDANGERED SPECIES OBSERVER PROGRAM

WEEKLY SUMMARY

USACE DISTRICT: Savannah

PROJECT NAME: Brunswick Channel Entrance deepening **DREDGE NAME:** EAGLE 1

Dates: 11-14-05 - 11-16-05 **Load #s:** 01 - 12

Areas dredge worked: Between Buoys 10 + 12, 11 + 13

Were there incidents involving endangered or protected species? **YES** ____ **NO** X

Which species? ____

Comments:

Trawler caught a Kemp's Ridley at approximately 1400 on 11-16-05 (Winds of Fortune)

BRIDGE WATCH SUMMARY

Date/Time	Species	# Sightings/# Animals	Location/Comments
11-14-05 0915	Tursiops truncates	3 / 6+	50m outside channel
11-14-05 0930	Tursiops truncates	2 / 2	inside channel @ Buoy 14
11-14-05 1415	Tursiops truncates	1 / 5	inside channel
11-15-05 1350	Caretta-caretta	1 / 1	just outside Buoy 1 - going to dump
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Observer name Karen Underkoffler