Endangered Species Observation Program

DAILY REPORT

Dredge: Padre Island

Project: Brunswick Harbor, GA

Date: 3/28/04 Load Numbers 01-05

Location (Lat-Long / Stations) Sea buoy in to first set of buoys

Weather (include sea state) Winds 5-10 knots, seas 1-2'

Range of Water Temp: Surface 60°F Below Mid Depth 59°F

Condition and Effectiveness of Screening: The dredge has 100% inflow screening and the skimmers are screened. Screens good shape, doors slightly bent.

Are there incidents involving endangered or protected species? (Yes) No

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

Two Kemp's ridley sea turtles were sampled today. One injured but alive and one fresh dead. The live turtle was sighted in the box during the load. The turtle was taken out of the box and efficiently brought to shore where Georgia DNR Brad Winn took possession of the turtle. The second turtle was sampled in load 5. Only the posterior portion of a carapace was sampled. Dredging has ceased for the night.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Leatherback Sc	1	0207, Cut, dead floating >48hrs

Observers on duty ERIC Westerman, Andrew Jackson

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: Savannah GA
PROJECT NAME: Brunswick Harbor DREDGE NAME: Padre Island

Date: 3-28-04 Load #s: 5 Areas dredge worked: Seabuoy to buoy 1-2

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

AIR TEMP: _____ °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 61 °C/°F Column (mid-depth) 60 °C/°F Bottom 59 °C/°F

Condition of deflector: Good Condition of screening: Good

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

Which species? (complete incident form(s)) Kemp's ridley

Comments (type of material, biological specimens, unusual circumstances, etc): Material digging sand silt, clay. Two Kemp's ridley sea turtles sampled today. One injured but alive and one fresh dead

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
1407	Dc Leatherback	1 / 1	Cut, dead floating 48hrs
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Observer name ERIC Westerman, Andrew Jackson

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: Savannah

PROJECT NAME: Brunswick Entrance Channel DREDGE NAME: Padre Isl.

Date: 03/29/04 Load #s: none Areas dredge worked: none

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

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

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

Condition of deflector: _____ Condition of screening: _____

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): _____

no dredging this day.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name Andrew Jackson

Endangered Species Observation Program

DAILY REPORT

Dredge: Padre Island

Project: Brunswick Harbor, GA

Date: 3/29/04 Load Numbers NO Loads

Location (Lat-Long / Stations) At anchor

Weather (include sea state) NP

Range of Water Temp: Surface NA Below Mid Depth NA

Condition and Effectiveness of Screening: NA

Are there incidents involving endangered or protected species? **Yes** **No**

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

The dredge was at anchor all day. Waiting decision from the corp if dredging can commence again.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty ERIC Westermon, Andrew Jackson

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: Savannah
PROJECT NAME: Brunswick Entrance Channel DREDGE NAME: Padre Isl.

Date: 03/30/04 Load #s: 06-08 Areas dredge worked: Sea buoy TO 1st set

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

AIR TEMP: _____ °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 61 °C/(F) Column (mid-depth) 60 °C/(F) Bottom 59 °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):
Material: Sand, mud + Clay (screens cleaned during the load due TO clogging with clay)

No Sea Turtles were killed or injured TODAY. No Sea Turtles or right whales were sighted TODAY

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name Andrew Jackson

Endangered Species Observation Program

DAILY REPORT

Dredge: Padre Island

Project: Brunswick Harbor, GA

Date: 33004 Load Numbers 06-08

Location (Lat-Long / Stations) 31°03'57.5N 81°16'21.8W 31°03'03.4N 81°14'43.9W

Weather (include sea state) Winds 5-10 knots, Seas 3-5'

Range of Water Temp: Surface 61°F Below Mid Depth 60°F

Condition and Effectiveness of Screening: All inflow screens work, doors bent, skimmers in good working order.

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

NO sea turtles were killed or injured today. NO sea turtles or right whales were sighted today.

Digging large amounts of clay. Screens cleaned during the load due to clogging up with clay.

The turtle remains from 3-28-04 incinerated. A genetic samples was taken.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
		NO sightings

Observers on duty Eric Westerman, Andrew Jackson

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: Savannah

PROJECT NAME: Brunswick Entrance Channel DREDGE NAME: Padre Isl.

Date: 03/31/04 Load #s: 09-13 Areas dredge worked: Sea Buoy TO 1st Set

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

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

WATER TEMP: Surface 61 °C (F) Column (mid-depth) 60 °C (F) Bottom 59 °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): _____

Material: Sand, mud & clay

There were no incidents involving endangered or protected species.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name Andrew Jackson

Endangered Species Observation Program

DAILY REPORT

Dredge: Padre Island

Project: Brunswick Harbor GA

Date: 3/31/04 Load Numbers 9-13

Location (Lat-Long / Stations) 31°03'57.5N 81°16'21.8W 31°03'02.4N 81°14'43.9W

Weather (include sea state) Winds 15 knots, Seas 3-4

Range of Water Temp: Surface 61°F Below Mid Depth 60°F

Condition and Effectiveness of Screening: Screens continuously clogged up with clay. Try to screen clay in inflow screening, not effective.

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

NO sea turtles were killed or injured today. NO turtles or right whales were sighted today.

Project gets week extension.

Samples today consisted of clay, rays, rock and wood.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
		NO sightings

Observers on duty ERIC Westerman, Andrew Jackson

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: Savannah

PROJECT NAME: Brunswick Entrance Channel DREDGE NAME: Padre Isl.

Date: 04/01/04 Load #s: 14-15 Areas dredge worked: Sea buoy to 1st set

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

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

WATER TEMP: Surface 61 °C (F) Column (mid-depth) 60 °C (F) Bottom 59 °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):

material: Sand, mud, clay

Samples: horseshoe crab, cow nose ray, shell

No incidents involving endangered or protected species.

BRIDGE WATCH SUMMARY

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Observer name Andrew Jackson

Endangered Species Observation Program

DAILY REPORT

Dredge: Padre Island

Project: Brunswick Harbor GA

Date: 4/1/04 Load Numbers 14-15

Location (Lat-Long / Stations) 31° 04' 02.1N 31° 03' 07.4N Sidney to 1-2
81° 16' 28.0W 81° 14' 43.9W

Weather (include sea state) Winds 15-20 knots, Seas 2-3'

Range of Water Temp: Surface 61°F Below Mid Depth 60°F

Condition and Effectiveness of Screening: areas that clay is being dug screens clog up right away. overflow skimmer screens in good shape.

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

NO sea turtles were killed or injured today. NO right whales or sea turtles were sighted.

Samples today consisted of clay, horseshoe crabs, cownose rays, shell, rock and weed.

Material digging is sand and clay.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
		NO sightings

Observers on duty Eric Westerman Andrew Jackson

Endangered Species Observation Program

DAILY REPORT

Dredge: Padre Island

Project: Brunswick, GA.

Date: 04/02/04 Load Numbers 16-19

Location (Lat-Long / Stations) 31° 04.02'N 81°16.28'W TO 31°03.02'N 81°14.43'W

Weather (include sea state) Clear, wind 10-20Kts, Sea 2-4'

Range of Water Temp: Surface 60° Below Mid Depth 59°

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, biological observations, etc.)

Material: Sand, mud & clay

Samples: shell, horseshoe crab, mantis shrimp, cownose ray

* Loggerhead - head found in stbd Aft box @ end of load # 19

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty Andrew Jackson / Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: Savannah
PROJECT NAME: Brunswick Entrance Channel DREDGE NAME: Padre Isl.

Date: 04/02/04 Load #s: 16-19 Areas dredge worked: Sea buoy to first set

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

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

Condition of deflector: Good Condition of screening: Good

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

Which species? (complete incident form(s)) Caretta caretta

Comments (type of material, biological specimens, unusual circumstances, etc):
material: sand, mud, clay
samples: shell, horseshoe crab, mantis shrimp, cownose ray,
* Loggerhead - head found in strb aft of inflow Load #19

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
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Observer name Andrew Jackson

ENDANGERED SPECIES OBSERVER PROGRAM

WEEKLY SUMMARY

USACE DISTRICT: Savannah
PROJECT NAME: Brunswick Entrance Channel **DREDGE NAME:** Padre Isl.

Dates: 03/28/04 - 04/02/04 **Load #s:** 01-19

Areas dredge worked: Sea buoy TO 1ST SET

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

Which species? Kemp's + Loggerhead

Comments: Material: Sand, mud + Clay
Samples: Shell, Cownose ray, mantis shrimp, horseshoe crab
See incident reports for 03/28 + 04/02 for Turtle Take Info.

BRIDGE WATCH SUMMARY

Date/Time	Species	# Sightings/# Animals	Location/Comments
03/28	Leatherback	1 / 1	@ dig site / floating dead
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Observer name Andrew Jameson