ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: COLUMBIA

Project: PENSACOLA HARBOR, FL

DAILY REPORT

Date 08 / 03 / 04 Load Numbers 810 - 811

Area(s) Worked STATIONS 184+00 TO 216+00 OR 30°23.91N 87°12.77W TO 30°23.37N 87°12.47W

Weather Conditions (incl. sea conditions) LIGHT VARIABLE WINDS, 1-2' SEAS, PARTLY CLOUDY

Range of Water Temp., Surface 85°F Below Mid-Depth 85°F

Condition and Effectiveness of Screening 100% INFLOW SCREENING - ALL SCREENING IS IN GOOD CONDITION.

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.):

- NO INCIDENTS INVOLVING PROTECTED SPECIES OCCURRED.
- THE SUBSTRATE BEING DREDGED IS MUD.
- NO BIOLOGICAL SPECIMENS WERE OBSERVED IN SCREENING.
- ABIOTIC DEBRIS RETAINED IN SCREENING CONSISTED OF WOOD, NET, CLOTHING & TRASH.
- THE PENSACOLA HARBOR PORTION OF THE CONTRACT COMMENCED WITH LOAD 810.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. TRUNCATUS	3	1900 IN CHANNEL

Observer(s) on duty [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: COLUMBIA

Project: PENSACOLA HARBOR, FL

DAILY REPORT

Date 08 / 04 / 04 Load Numbers 812 - 817

Area(s) Worked STATIONS 184+00 TO 216+00 OR 30°23.91N 87°12.77W TO 30°23.37N 87°12.47W

Weather Conditions (incl. sea conditions) LIGHT VARIABLE WINDS, 1' SEAS, PARTLY CLOUDY

Range of Water Temp., Surface 87°F Below Mid-Depth 87°F

Condition and Effectiveness of Screening 100% INFLOW SCREENING - ALL SCREENING IS IN GOOD CONDITION.

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.):

- NO INCIDENTS INVOLVING PROTECTED SPECIES OCCURRED.
- THE SUBSTRATE BEING DREDGED IS MUD & CLAY.
- BIVALVE SHELLS WERE THE SOLE BIOLOGICAL SPECIMENS OBSERVED IN SCREENING.
- ABIOTIC DEBRIS RETAINED IN SCREENING CONSISTED OF ROPE, NET, WIRE, WOOD, ROCK & OTHER ASSORTED TRASH.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty JIM FRYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: COLUMBIA

Project: PENSACOLA HARBOR, FL

DAILY REPORT

Date 08 / 05 / 04 Load Numbers 818 - 822

Area(s) Worked STATIONS 184+00 TO 216+00 OR: 30°23.91N 87°12.77W TO 30°23.37N 87°12.47W

Weather Conditions (incl. sea conditions) W ~ 5-20 KTS, 1-3' SEAS, OVERCAST

Range of Water Temp., Surface 86°F Below Mid-Depth 86°F

Condition and Effectiveness of Screening 100 % INFLOW SCREENING - ALL SCREENING IS IN GOOD CONDITION

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.):

- NO INCIDENTS INVOLVING PROTECTED SPECIES OCCURRED.
- THE SUBSTRATE BEING DREDGED IS MUD, SAND, AND CLAY.
- BIOLOGICAL SPECIMENS OBSERVED IN SCREENING INCLUDED GASTROPODS AND BIVALVES.
- ABIOTIC DEBRIS RETAINED IN SCREENING CONSISTED OF METAL, WOOD, ROPE, PVC PIPE, CLOTHING, AND OTHER ASSORTED TRASH.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty CTS Tate

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: COLUMBIA

Project: PENSACOLA HARBOR, FL

DAILY REPORT

Date 08 / 06 / 04. Load Numbers 823 - 827

Area(s) Worked STATIONS 184+00 TO 216+00 OR 30°23.91N 87°12.77W TO 30°23.37N 87°12.47W

Weather Conditions (incl. sea conditions) NW~N 5-10 KTS, 1-2' SEAS, OVERCAST

Range of Water Temp., Surface 85°-86° F Below Mid-Depth 85°-86°F

Condition and Effectiveness of Screening 100% INFLOW SCREENING - ALL SCREENING IS IN GOOD CONDITION

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.):

- NO INCIDENTS INVOLVING PROTECTED SPECIES OCCURRED.
- THE SUBSTRATE BEING DREDGED IS MUD, SAND & CLAY.
- BIOLOGICAL SPECIMENS OBSERVED IN SCREENING INCLUDED GASTROPODS & BIVALVES.
- ABIOTIC DEBRIS RETAINED IN SCREENING INCLUDED WOOD, HOSE, FISHING LINE, ROCK, ROPE & OTHER ASSORTED TRASH.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty TIM FAGE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: COLUMBIA

Project: PENSACOLA HARBOR, FL

DAILY REPORT

Date 08 / 07 / 04 Load Numbers 828 - 832

Area(s) Worked STATIONS 184+00 TO 216+00 OR 30°23.91N 87°12.77W TO 30°23.37N 87°12.47W

Weather Conditions (incl. sea conditions) E ~ 15-20 KTS, 2-4' SEAS, PARTLY CLOUDY

Range of Water Temp., Surface 86°F Below Mid-Depth 86°F

Condition and Effectiveness of Screening 100% INFLOW SCREENING - ALL SCREENING IS IN GOOD CONDITION.

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.):

- NO INCIDENTS INVOLVING PROTECTED SPECIES OCCURRED.
- THE SUBSTRATE BEING DREDGED IS MUD, SAND & CLAY.
- BIOLOGICAL SPECIMENS OBSERVED IN SCREENING INCLUDED GASTROPODS & BIVALVES.
- ABIOTIC DEBRIS RETAINED IN SCREENING CONSISTED OF ROPE, WOOD, CLOTHING, FISHING LINE & OTHER ASSORTED TRASH.
- THE CONTRACT WAS CONCLUDED WITH LOAD 832.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty TIM FRYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: COLUMBIA

Project: MOBILE BAY - PENSACOLA HARBOR

WEEKLY SUMMARY

Dates 08 / 03 / 04 - 08 / 07 / 04 Load Numbers 807 - 832

Range of Water Temp., Surface 85° - 87° F Below Mid-Depth 85° - 87° F

Areas Worked (lat/longs, stations) SEE BELOW

Are there incidents involving endangered or protected species? YES ~~NO~~

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

- AREAS WORKED: MOBILE STATIONS 870+00 TO 940+00 AND 1480+00 TO 1580+00
  PENSACOLA STATIONS 184+00 TO 216+00
- THE COLUMBIA COMPLETED THE MOBILE PORTION OF THE CONTRACT WITH LOAD 809, AND PROCEEDED TO PENSACOLA TO FINISH THE REMAINDER OF THE CONTRACT ON 08/03/04.
- NO INCIDENTS INVOLVING PROTECTED SPECIES OCCURRED.
- THE SUBSTRATES BEING DREDGED WERE PRIMARILY MUD WITH SOME CLAY AND SAND IN SOME AREAS.
- BIOLOGICAL SPECIMENS OBSERVED IN SCREENING INCLUDED GASTROPODS, GASTROPOD EGG CASINGS, BIVALVES, AND MARINE VEGETATION.
- ABIOTIC DEBRIS RETAINED IN SCREENING INCLUDED METAL, WOOD, ROPE, NET, LINE, WIRE, CLOTHING & OTHER ASSORTED TRASH.
- THE CONTRACT WAS CONCLUDED WITH LOAD 832 ON 08/07/04.

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
08/03	Ø	
08/04	T. TRUNCATUS - 3	1900 IN CHANNEL
08/05	Ø	
08/06	Ø	
08/07	Ø	
/		
/		

Observers on duty CTS Frye