ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V BAYPORT

Project: SAVANNAH RIVER MAINTANENCE

DAILY REPORT

Date 12 / 18 / 02 Load Numbers Ø

Area(s) Worked N/A

Weather Conditions (incl. sea conditions) S. WINDS, SEAS 5-7', CLEAR SKIES W/ HAZE, 58°F

Range of Water Temp., Surface 51°F Below Mid-Depth

Condition and Effectiveness of Screening ALL INFLOW SCREENING IN EXCELLENT WORKING 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.):

DREDGING OPERATIONS POSTPONED DUE TO WEATHER AND REPAIRS. NO LOADS DUG. SHIP AT ANCHOR ~1900hrs.

BOTH OBSERVERS ABOARD:
MELINDA NIEDBALSKI
CARRIE SINGER

THOROUGH INSPECTION OF DECK & EQUIPMENT CONDUCTED UPON ARRIVAL. ALL FOUR INFLOW BOXES HAVE BEEN RECONFIGURED TO CONTAIN 4X4 INCH FRONTAL GRID. SOLID STEEL TOPS HAVE BEEN ADDED WHICH ARE ACCESSIBLE BY A SMALL HINGED HATCH.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NONE		

Observer(s) on duty MELINDA NIEDBALSKI & CARRIE SINGER

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V BAYPORT

Project: SAVANNAH RIVER MAINTENANCE

DAILY REPORT

Date 12 / 19 / 02 Load Numbers 1-5

Area(s) Worked 00 TO 2+500; -7 TO +500; -10+500 -2+500 STATIONS

Weather Conditions (incl. sea conditions) S10-35KS, BSS1-5, SEAS GLASS TO DM CHOP DENSE FOG, LOW VISIBILITY, SCATTERED CLOUDS 75°F

Range of Water Temp., Surface 53°F Below Mid-Depth

Condition and Effectiveness of Screening ALL INFLOW SCREENING IN EXCELLENT CONDITION; HOWEVER, FORCE OF WATER & DEBRIS CAUSED INFLOW GATES TO OPEN DURING OPERATION. STURDY CHAINS ADDED TO ALL FOUR SYSTEMS & WORKING EFFECTIVELY.

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 TO REPORT CONCERNING ENDANGERED OR PROTECTED SPECIES DURING DREDGING OPERATIONS.

EXTREMELY LOW VISIBILITY DURING AM PREVENTED OPTIMUM OBSERVING CONDITIONS FOR WHALE SIGHTINGS. WEATHER IMPROVED THROUGHOUT AFTERNOON, BUT NOTHING SPOTTED.

MATERIAL IS PRIMARILY MUD AND MED-FINE-COURSE GRAIN SAND WITH A SUBSTANTIAL AMOUNT DISPERSED IN WATER COLUMN. ADDITIONAL BYCATCH INCLUDED: HIGH QUANTITIES OF WOOD, GRASSES, BRYZOANS, HORSESHOE / BLUE CRABS, & FISHING NET.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty MELINDA NIEDBALSKI & CARRIE SINGER

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V BAYPORT

Project: SAVANNAH RIVER MAINTENANCE

DAILY REPORT

Date 12 / 20 / 02 Load Numbers 6-12

Area(s) Worked -7 + 500 TO -10 + 500 (RED SIDE)

Weather Conditions (incl. sea conditions) NE→SSW 10-25+K, BSS 2-4, SEAS 4-6'/CHOP, RAIN (am), 64°F

Range of Water Temp., Surface 53°F Below Mid-Depth

Condition and Effectiveness of Screening ALL SCREENING IN EXCELLENT CONDITION. CHAINS ON AFT BOXES REMOVED FOR FLUSHING & ALSO TO BLEED HYDROLICS OF AIR.

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 TO REPORT CONCERNING SEA TURTLES OR LARGE CETACEAN SIGHTINGS. NO REPORTS FROM RIGHT WHALE AERIAL SURVEYS.

DREDGED MATERIAL CONTAINS HIGH CONTENT OF CLAY & MUD ALONG WITH GRASSES AND INDUSTRIAL DEBRIS. ABIOTIC MATERIAL INCLUDES: FABRIC, ROPE, ALUMINUM CANS, PLASTICS, AND CRAB TRAPS / FISHING NETS. BIOLOGICAL BYCATCH NOTED: HORSESHOE CRABS, RED CRAB, CONCHS, SPONGES, BRYZOANS, WOOD, BARNACLES, BLUE CRABS, & GRASS.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	1	1750 / 32°02.16'N 80°52.34'W / TRAVELING
"	2-3	1216 / 32°02.3'N 80°51.4'W / TRAVELING

Observer(s) on duty MELINDA NIEDBALSKI & CARLIE SINGER

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V BAYPORT

Project: SAVANNAH RIVER MAINTENANCE

DAILY REPORT

Date 12 / 21 / 02 Load Numbers 13-20

Area(s) Worked -7+500 to -10+500 ; -10+500 to -13+500

Weather Conditions (incl. sea conditions) CALM, SW 5-10K, 1-2SEAS, BSS 1

Range of Water Temp., Surface 53°F Below Mid-Depth

Condition and Effectiveness of Screening CHAINS ON AFT BOXES STILL OFF

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 TO REPORT CONCERNING ENDANGERED SP OR PROTECTED SP.
NO REPORTS OF RIGHT WHALE

DREDGED MATERIAL CONSISTED OF PRIMARILY MUD, CLAY, SILT. LARGE AMOUNTS OF DEBRIS, TRASH, WOOD & PLASTIC, ROPE, CANS, MATERIAL, FRISBEES GOGGLES, MILK JUG, BIOTIC CATCH WAS HORSESHOE CRABS + CONCH SHELLS, GRASS

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	1	1500/32°02.14'N 80°50.028'W / Feeding
"	1	1545/32°02.14'N 80°50.028'W/Traveling
"	1	1256/32°02.19'N 80°50.38'W/Feeding

Observer(s) on duty Melinda Niedbalski & CARRIE SINGER

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V BAYPORT

Project: SAVANNAH RIVER MAINTENANCE, GA

WEEKLY SUMMARY

Dates 12 / 18 / 02 - 12 / 21 / 02 Load Numbers 1-20

Range of Water Temp., Surface 51°-53°F Below Mid-Depth

Areas Worked (lat/longs, stations) 00 TO 2+500 ; -2+500 TO -13+500

Are there incidents involving endangered or protected species? YES (NO)

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

NO INCIDENTS TO REPORT CONCERNING ENDANGERED OR PROTECTED SPECIES DURING DREDGING OPERATIONS. INCLEMENT WEATHER CREATED LOWERED VISIBILITIES DURING FIRST PART OF WEEK. NO SIGHTINGS.
12/18 BAYPORT @ ANCHOR DUE TO WEATHER & REPAIRS. OPERATIONS BEGAN @ ~0700 ON 12/19. OBSERVERS MELINDA NIEDBALSKI & CARRIE SINGER. THOROUGH INSPECTION OF EQUIPMENT CONDUCTED UPON ARRIVAL. ALL INFLOW BOXES RECONFIGURED TO CONTAIN 4X4 INCH FRONTAL SCREENING WITH SOLID STEEL TOP. BOXES ACCESSIBLE BY A SMALL HINGED HATCH. ADDITIONAL CHAINS ADDED TO PREVENT INFLOWS FROM OPENING DURING DREDGING; HOWEVER, TWO AFT BOXES HAVE CHAINS REMOVED FOR HYDROLIC TESTS. MATERIAL IN ALL SECTIONS CONTAINS MUD, CLAY, MED/COURSE SAND GRAIN WITH LARGE QUANTITIES OF WOOD. HIGH CONCENTRATIONS OF GRASS & INDUSTRIAL DEBRIS NOTED. MINIMAL BIOLOGICAL BYCATCH OVERALL. INCLUDES: HORSESHOE CRABS, BLUE AND RED CRABS, BRYZOANS, ENCRUSTING SPONGES, SESSILE ORGANISMS, CONCHS, WHELKS, & WHELK EGGCASES.

Bridge Watch Summary

Date	Various Species and Respective Number			Comments
12 / 20	Tursiops truncatus	1	1750	32°2.16'N 80°52.34'W / TRAVELING
12 / 20	"	2-3	1216	32°2.30'N 80°51.41'W / TRAVELING
12 / 21	"	1	1500	32°2.14'N 80°50.028'W / FEEDING
12 / 21	"	1	1545	32°2.14'N 80°50.028'W / TRAVELING
12 / 21	"	1	1256	32°2.19'N 80°51.38'W / FEEDING
/				
/				

Observers on duty CARRIE SINGER AND MELINDA NIEDBALSKI

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: _____

Project: _____

WEEKLY SUMMARY 2nd Page

Dates 12 / 22 / 02 - 12 / 28 / 02 Load Numbers _____

Range of Water Temp., Surface _____ Below Mid-Depth _____

Areas Worked (lat/longs, stations) _____

Are there incidents involving endangered or protected species? YES (NO)

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

SCREENS WERE EFFECTIVE IN CATCHING SMALL BIOTA TO LARGE BIOTA
SCREENS REMAIN CHAINED

TEETH WERE PUT ON DRAGHEADS DUE TO DIFFERENT SEDIMENT

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
12/27	Tursiops truncatus / 32°02N 80-50W	FEEDING
12/27	" / 32 02N 80°50W	TRAVELING
12/27	" / BUOY #9	TRAVELING ACROSS CHANNEL
12/27	" / BUOY # 8	MATING, FEEDING,
12/27	Eubalaena glacialis / NAVTEX / 29°38N 81-11W	HEADED SOUTH
12/27	" / NAVTEX / 31°18N 81-04W	~~2Ad.~~ 1 Ad 1 Clf.
12/27	" / NAVTEX / 30°42N 81-14W	2d.
12/27	" / NAVTEX / 29°38N 81-12W	HEADING SOUTH

Observers on duty

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: MV BAYPORT

Project: SAVANNAH RIVER MAINTANENCE

DAILY REPORT

Date 12 / 22 / 02 Load Numbers 21 - 29

Area(s) Worked -10+500 - -13+500, -13+500 - 16+500

Weather Conditions (incl. sea conditions) BSS 2, 1-2FTSEAS, NNE 20-25, 60-65°F

Range of Water Temp., Surface 53°F Below Mid-Depth

Condition and Effectiveness of Screening CHAINS ON FORE BOXES NOT ON AFT BOXES

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 TO REPORT CONCERNING ENDANGERED OR PROTECTED SP. DURING DREDGE OPERATIONS. NO CONTACT CONCERNING RIGH WHALE SPOTTINGS.

MATERIAL DREDGED PRIMARILY MUD, SILT, CLAY, WOOD, ROPE, PLASTIC, FABRIC GRASS OTHER INDUSTRIAL DEBRIS

NO BYCATCH EXCEPT FOR EELS BLUECRAB HORSESHOE CRABS, CONCH SHELLS, BRYZOANS, WHELKS

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	4-5	1009/SE of BUOY #17/traveling behind shrimp boat
"	1	1311/32°02.2'N 80°50.44'W/Feeding

Observer(s) on duty MELINDA NIEDBALSKI & CARRIE SINGER

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V BAYPORT

Project: SAVANNAH RIVER MAINTANENCE

DAILY REPORT

Date 12 / 23 / 02 Load Numbers 30-38

Area(s) Worked - 13+500-16+500

Weather Conditions (incl. sea conditions) SSW 5-10, CALM,

Range of Water Temp., Surface 52°F Below Mid-Depth

Condition and Effectiveness of Screening CHAINS STILL HOLDING FORE BASKETS TOGETHER

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 TO REPORT CONCERNING ENDANGERED OR PROTECTED SP. DURING DREDGE OPERATIONS

DREDGED MATERIAL CONSISTED OF PRIMARILY MUD SILT CLAY, WOOD, INDUSTRIAL DEBRIS, WIRES, CHICKEN FENCE, SUNGLASSES, FABRIC, CLOTHES, PLASTIC

NO BYCATCH EXCEPT FOR HORSESHOE CRAB, BRYOZOANS, SHRIMP BLUE CRAB GRASS WHELKS, SPONGES

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	2	1102/BUOY #17 @ JETTIES/FOLLOWING SHRIMPER
"	1	1200/BUOY #20 IN CHANNEL/TRAVELING
"	4-5	1306/32°00.245'N 80°47.632'W/JUMPING WHICE TRAVELING
"	2-3	1447/GRN BUOY 15/TRAVELING

Observer(s) on duty MELINDA NIEDBALSKI CARRIE SINGER

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V BAYPORT

Project: SAVANNAH RIVER MAINTANENCE

DAILY REPORT

Date 12 / 24 / 02 Load Numbers 39 - 47

Area(s) Worked -13+500 - 16+500, -16+500 to 23+00

Weather Conditions (incl. sea conditions) SSW 5-10, BSS 2, RAIN, FOG LOW VISIBILITY 59°F

Range of Water Temp., Surface 52°F Below Mid-Depth

Condition and Effectiveness of Screening CHAINS ON FORE BOXES

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 TO REPORT CONCERNING ENDANGERED OR PROTECTED SP. DURING DREDGE OPERATION. ALL ACTIVITIES GOING WELL. NO CETACEAN SIGHTINGS.

DREDGED MATERIAL CONTAINS VAST QUANTITIES OF INDUSTRIAL DEBRIS & MISC. GRASSES. BIOLOGICAL BYCATCH IS MINIMAL; HOWEVER SEVERAL HORSESHOE CRABS & SESSILE ORGANISMS ARE NOTED FOLLOWING EACH LOAD. LARGE AMOUNTS OF WOOD ARE REMOVED FROM AFT WEIR AND INFLOW SCREENING.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NONE		

Observer(s) on duty MELINDA NIEDBALSKI CARRIE SINGER

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V BAYPORT MAINTANENCE

Project: SAVANNAH RIVER MAINTANENCE

DAILY REPORT

Date 12 / 25 / 02 Load Numbers 48-56

Area(s) Worked -16+500 to -23000 -18+500 to -20+500 -19+00 -20+75 (RED)

Weather Conditions (incl. sea conditions) BSS 2, 3-4FT SEAS, E NE 10-20 60-42°F

Range of Water Temp., Surface 52°F Below Mid-Depth

Condition and Effectiveness of Screening CHAINS ON FORE BOXES, LOTS OF DEBRIS CAUGHT IN SCREENS, LARGE SHRIMP TRAWL NET CAUGHT,

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 TO REPORT CONCERNING ENDANGERED OR PROTECTED SP. DURING DREDGE OPERATIONS.

MATERIAL DREDGED CONSISTED OF MUD, SILT, CLAY WOOD PLASTIC METAL, WIRE, ROPE, CANS MATERIAL, GLASS

BYCATCH CONSISTED OF SPONGE, WHELKS, HORSESHOE BRYOZOANS,

XSHRIMP TRAWL NET MUST BE CUT OUT OF BOXES

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NONE		

Observer(s) on duty CARRIE SINGER MELINDA NIEDBALSKI

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V BAYPORT

Project: SAVANNAH RIVER MAINTANENCE

DAILY REPORT

Date 12 / 26 / 02 Load Numbers 57-66

Area(s) Worked -19 to -2 (RED), -23+00 to -32+00, -32+00 to 40+00 -30 to -24 (RED)

Weather Conditions (incl. sea conditions) CALM SSE 0-10K, BSS 1, EXCELLENT VISIB.

Range of Water Temp., Surface 51°F Below Mid-Depth

Condition and Effectiveness of Screening CHAIN ON FORE BOXES, FORE BOXES GET CLOGGED UP QUICK.

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 TO REPORT CONCERNING ENDANGERED OR PROTECTED SP. DURING DREDGE OPERATIONS

MATERIAL DREDGED CONSISTED OF MUD CLAY + SILT IN SOME STATIONS IT CONSISTED OF COURSE SAND MUD.

BYCATCH WAS HORSESHOE CRAB, BLUE CRAB, GRASS, BRYOZOANS. WHELK SHELLS, OYSTER SHELLS, SAND DOLLARS, STARFISH

*Eubalaena glacialis WAS NOT CLOSE TO DREDGE

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
N. RIGHT WHALE	2 1 Ad. 1 calf.	1258/3404N 80-59W BROADCASTED (NOT NEAR DREDGE)
REPORTED		FROM COAST GUARD PRINT OUT
Eubalaena glacialis		

Observer(s) on duty CARRIE SINGER MELINDA NIEDBALSKI

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V BAYPORT

Project: SAVANNAH RIVER MAINTANENCE

DAILY REPORT

Date 12 / 27 / 02 Load Numbers 187-76

Area(s) Worked -32+000 to -40+500, -15+500 to -17+000 (GRN)

Weather Conditions (incl. sea conditions) SSE 0-10, BSS 1, CALM GLASS EXCELLENT VISIBILITY

Range of Water Temp., Surface 51°F Below Mid-Depth

Condition and Effectiveness of Screening DEBRIS GETS CAUGHT ON FORE BOXES. EVEN COLLECTING SMALL ITEMS LIKE STARFISH SANDDOLLARS

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.):

DREDGED MATERIAL CONSISTED OF MUD SILT CLAY WOOD PLASTICS GLASS, CANS.

BYCATCH CONSISTED OF HORSESHOE CRABS, BLUE CRABS EELS STARFISH, SANDDOLLARS SKATES, WHELKS, ECHINODERMS, MOLE CRAB, FLOUNDER, MANGLED FISH

cont. Bridge Watch Summary

Eubalaena glacialis / 2Ad RECEIVER NAVTEX / 1220 / 29°38N 81-11W / HEADING SMORE THAN 12 MILES

Eubalaena glacialis / 1Ad/c/f / RECEIVED NAVTEX / 1214 / 31°48N 81-04W /

Tursiops truncatus / 7-10 / 1355 / 32°02N 80-50W / FEEDING ON SCHOOL OF FISH

Tursiops truncatus / 2-3 / 1405 / 32°02N 80°50W / TRAVELING

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiop truncatus	1-3	0945 / BUOY #9 / SLOW MOVING ACROSS CHANNEL
Tursiop truncatus	5-10	0716 / C BUOY #8 / MATING FEEDING SPLASHING GROUPING
Eubalaena glacialis	2Ad. NAVTEX RECEIVER	1012 / 30-42N 81-14W
Eubalaena glacialis	1Ad NAVTEX RECEIVER	1134 / 29 38N 81-12W Headed South

Observer(s) on duty MELINDA NIEDBALSKI CARRIE SINGER

~~* 2nd Page of Bridge Watch Summary~~

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V BAYPORT

Project: SAVANNAH RIVER MAINTENENCE

DAILY REPORT

Date 12 / 28 / 02 Load Numbers 77-86

Area(s) Worked -23.5+500 to 30+500(RED) -23+500 to -32+500(G) -32 to -40)(RD)

Weather Conditions (incl. sea conditions) SSW-5-10, CALM, BSS 1, CALM, EXCELLENT VISIBILITY

Range of Water Temp., Surface 51°F Below Mid-Depth

Condition and Effectiveness of Screening SINCE 0100 SCREENS HAVE TRAPPED MATERIAL (BYCATCH) FROM STARFISH + SAND DOLLARS TO HORSESHOE CRABS.

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 TO REPORT CONCERNING ENDANGERED OR PROTECTED SP.
ALL BOXES WERE UNCHAINED @ 0410 DUE TO INCREASED #'S OF HORSESHOE CRABS
ALL SCREEN COMPLETELY BLOCKED WITH CRABS, IN THREE LOADS # HORSESHOE
CRAB COUNTS WERE >300. LARGE COUNTS CONTINUE AND FORM A TREND.
WEIRS WERE COMPLETELY COVERED WITH COUNTS OF >500. WEIRS WERE
CLEANED AS WELL AS CHAINS TAKEN OFF BOXES AND FLUSHED @ 0400
CHAINS PUT ON AFTER. SCREENS WERE EFFECTIVE - BIOTA FROM
SAND DOLLARS + ECHINODERMS TO HORSESHOE CRABS. SHOWING SMALL
BIOTA CAUGHT IN SCREENS. CHAINS REMOVED FOR LOAD 79 ONLY.
MATERIAL DREDGED CONSISTED OF MUD, SILT, CLAY WOOD.
*SCREENS UNCHAINED @ 2230 AGAIN TO LET MASS QUANTITY OF CRABS AND
DEBRIS OUT. CHAINS PUT BACK ON BEFORE NEXT LOAD BEGAN

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	12-15	1610/32°8N 80°47W/FEEDING

Observer(s) on duty CARRIE SINGER MELINDA NIEDBALSKI

* CONT ON PAGE TWO

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: _____

Project: _____

DAILY REPORT

Date 12 / 28 / 02 Load Numbers _____

Area(s) Worked _____

Weather Conditions (incl. sea conditions) _____

Range of Water Temp., Surface _____ Below Mid-Depth _____

Condition and Effectiveness of Screening _____

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

CONT....

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

BYCATCH INCLUDED, HORSESHOECRABS, STARFISH SAND DOLLARS ECHINODERMS, RAY, EELS, WHELKS, EGG CASINGS, SHELLS GASTROPODS OYSTERSHELLS

TEETH WERE PUT ON DRAGHEADS DUE TO DIFFERENT SEDIMENT

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V BAYPORT

Project: SAVANNAH RIVER MAINTENENCE

WEEKLY SUMMARY

Dates 12 / 22 / 02 - 12 / 28 / 02 Load Numbers 21-86

Range of Water Temp., Surface 51°F - 53°F Below Mid-Depth

Areas Worked (lat/longs, stations) -10+500 - 13500, 13+500 - 16+500 -23 to -32 32 to 40 -30+024 23+500 - 30500 -16+500 to -2300, 13+500 to -20+500 -19 -20 +75 RED -15+500 to -1700(G)

Are there incidents involving endangered or protected species? YES (NO)

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

NO INCIDENTS TO REPORT CONCERNING ENDANGERED SP OR PROTECTED SP. DURING DREDGE OPERATIONS. CHAINS WERE ON BOXES FROM LOADS 21-86 EXCEPT FOR LOAD 79 WHEN ALL BOXES WERE UNCHAINED AT 0400 ON 12-28-02 FOR THE INCREASED # OF HORSESHOE CRABS, SAND DOLLARS AND STARFISH. OTHER BYCATCH WAS ECHINODERMS, WHELKS, EELS, BLUE CRAB, FLOUNDER, MANGLED FISH, MOLE CRAB, GASTROPODS, OYSTER SHELLS GRASS BRYOZOAN SPONGE, CONCH SHELLS SHRIMP VAST AMOUNTS OF HORSESHOE CRABS STARFISH AND SAND DOLLARS IN CERTAIN STATION THE FURTHER OUT OF RIVER.

MATERIAL DREDGED CONSISTED OF MUD SILT CLAY WOOD DEBRIS (INDUSTRIAL IN NATURE)

WEATHER: ONE DAY RAIN AND FOG THUS LOW VISIBILITY. REST OF WEEK EXCELLENT VISIBILITY. AROUND HOLIDAY INCREASE OF CHANNEL TRAFFIC.

RIGHT WHALE SPOTTING: ALL FROM NAVTEX RECEIVER. ALL REPORTS MORE THAN 15 MILES AWAY.

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
12 / 22	Tursiops trucutus / SE BUOY #17	TRAVELING/FEEDING
12 / 22	" / 32°02 N 80°50 W	FEEDING
12 / 23	" / BUOY #17	TRAVELING/FEEDING
12 / 23	" / BUOY #20	TRAVELING
12 / 23	" / 32°00 N 80°47 W	TUMPING WAKE / TRAVELING
12 / 23	" / BUOY #15	TRAVELING
12 / 26	Eubalaena glacialis / (NAVTEX) 31°04 N 80°59 W	

Observers on duty CARRIE SINGER MELINDA NIEDBALSKI

*CONTINUED ON PAGE 2

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V BAYPORT

Project: SAVANNAH RIVER MAINTENANCE

DAILY REPORT

Date 12 / 29 / 02 Load Numbers 87-95

Area(s) Worked STATIONS -23+500 TO -30+00; -30+00 TO -40+00 ONLY

Weather Conditions (incl. sea conditions) S→N' Up 5-20K, BSS 1-3, SEAS MODERATE, CLEAR 58°F

Range of Water Temp., Surface 51°F Below Mid-Depth

Condition and Effectiveness of Screening ALL SCREENING IN EXCELLENT CONDITION. FORWARD INFLOWS CHAINED CLOSED. HYDROLICS ON AFT BOXES STILL UNDER REPAIR. ALL FUNCTIONING EFFECTIVELY WITH 100% OVERFLOW SCREENING.

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 TO REPORT CONCERNING ENDANGERED OR PROTECTED SPECIES DURING DREDGING ACTIVITIES. NO ADDITIONAL REPORTS OF LARGE CETACEAN SIGHTINGS. DREDGED MATERIAL IS CONSISTENTLY MUD, SUSPENDED SILT, SAND, SOME CLAY, SMALL ROCKS, & MISC. BROKEN SHELLS. DREDGING ACTIVITIES RESUMED IN -23+500 TO -30+00 WHICH EXHIBITED HIGH DENSITY & DIVERSITY OF BIOLOGICAL BYCATCH. IN PREVIOUS LOADS 78 & 79, BETWEEN 300-500 HORSESHOE CRABS WERE DOCUMENTED IN INFLOW SCREENING & ON AFT WEIR. PER CHRIS SLAY'S REQUEST, CHAINS WERE REMOVED PRIOR TO LOAD # 89, THUS PREVENTING OVER 100 HORSESHOE CRABS FROM DYING. CHAINS REINSTALLED AFTER LOAD COMPLETED. AN ESTIMATED DAILY TOTAL OF 860 HORSESHOE CRABS NOTED, PLUS STARFISH, KEYHOLE URCHINS, FISH, SKATE, BRYOZOANS, BLUE CRABS, ROCK CRABS, WHOLE CRABS, & OTHER MISC INDUSTRIAL DEBRIS

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO SIGHTINGS		

Observer(s) on duty CARRIE SINGER AND WELINDA NIEDBALSKI

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V BAYPORT

Project: SAVANNAH RIVER

DAILY REPORT

Date 12 / 30 / 02 Load Numbers 96-105

Area(s) Worked STATIONS -30+00 TO -40+00 ONLY

Weather Conditions (incl. sea conditions) CALM AM, BUILDING TO SSW 5-20K, BSS2, 60°F

Range of Water Temp., Surface 51°F Below Mid-Depth

Condition and Effectiveness of Screening ALL SCREENS IN EXCELLENT CONDITION; PORT AFT RAM REPAIRED. CHAINS REMAIN IN PLACE AND ARE EFFECTIVELY HOLDING FORWARD DOORS CLOSED.

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 TO REPORT CONCERNING ENDANGERED OR PROTECTED SPECIES DURING DREDGING ACTIVITIES.

1200 CHRIS SLAY RECOMMENDED CHAINS CONTINUE TO HOLD DOORS ON INFLOWS CLOSED, COUNTING ALL HORSESHOE CRABS, ETC; THEN FLUSHING CONTENTS IF NECESSARY. MATERIAL CONTINUES TO BE MUD, SAND, SILT, WITH SOME WOOD. BIOLOGICAL BYCATCH INCLUDES: STINGRAYS, FLOUNDERS, SKATES, KEYHOLE URCHINS, SESSILE SPONGES, VARIOUS STARFISH, HERMIT CRABS, STONE CRABS, BLUE & CALICO CRABS, (1) MOLE CRABS, AND MISC. BRYOZOANS. SOME INDUSTRIAL DEBRIS.

669 TOTAL DAILY COUNT OF HORSESHOE CRABS.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TE	2-3	1219 / BUOY #9 / TRAVELING
RIGHT WHALE	2 ADULT	1400/31-00N 80 44W / HEADING S
RIGHT WHALE	2 ADULT	1323/31-00N 81 13W / NO DIRECTION
RIGHT WHALE	1 AD, 1 CALF	1138 / 30-38N 81 13W /
RIGHT WHALE	1 AD, 1 CALF	1054/31-28N 81 02W /

NAVTEX READINGS

Observer(s) on duty CARRIE SINGER & MELINDA NIELDBALSKI

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V BAYPORT

Project: SAVANNAH RIVER MAINTENANCE

DAILY REPORT

Date 12 / 31 / 02 Load Numbers 106 - 115

Area(s) Worked STATIONS -30+00 TO -40+00 ; -13+00 TO -20+00 ONLY

Weather Conditions (incl. sea conditions) QUIET & CALM AM → SE 15-30, BSS3, LOW TO MOD. VISIBILITY, 60

Range of Water Temp., Surface 52°F Below Mid-Depth

Condition and Effectiveness of Screening ALL SCREENING IS IN EXCELLENT CONDITION AND CONTINUALLY WORKING EFFECTIVELY.

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 TO REPORT CONCERNING ENDANGERED OR PROTECTED SPECIES.

DREDGED MATERIAL IS HEAVY MUD, SAND, & SUSPENDED SILT. ABIOTIC DEBRIS INCLUDES: ALUMINUM CANS, PLASTIC BAGS, ROPE, WIRE, & FABRIC. BIOLOGICAL BYCATCH CONSIDERED CONSISTENT, IF NOT REDUCED. SKATES, WHELKS, EELS (sp?), ECHINODERMS, SESSILE SPONGES, BRYZOANS, SHRIMP, BLUE CRABS, HORSESHOE CRABS, STARFISH, AND WOOD. ESTIMATED HORSESHOE TALLY IS 802 WITH (1) SPECIALLY TAGGED BY FISH AND WILDLIFE : 1888 LIMULUS # 15905. ALL RIGHT WHALE INFORMATION BELOW PROVIDED BY NAVTEX.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
RIGHT WHALE	1 Ad 1 calf	1220 / 30°35N 81°14W
"	2 Adults	1213 / 31°52N 80°42W
"	2 Adults	1146 / 30°01N 81°18W
"	1 Ad 1 calf	0957 / 30°50N 81°00W
"	1 Ad 1 calf	0949 / 30°40N 81°20W

Observer(s) on duty CARRIE SINGER AND MELINDA WIEDBALSKI

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V BAYPORT

Project: SAVANNAH RIVER MAINTENANCE

DAILY REPORT

Date 01 / 01 / 03 Load Numbers 116 - 124

Area(s) Worked STATIONS -30+00 TO -40+00 ONLY

Weather Conditions (incl. sea conditions) RAIN/OVERCAST AM; PM SEAS BUILDING NNE 15-20K, 62°F

Range of Water Temp., Surface 52°F Below Mid-Depth

Condition and Effectiveness of Screening ALL SCREENS IN EXCELLENT CONDITION AND FILTERING OUT BYCATCH EFFECTIVELY.

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 TO REPORT CONCERNING ENDANGERED OR PROTECTED SPECIES DURING DREDGING ACTIVITIES. DREDGED MATERIAL IS MED/COURSE GRAIN SAND, MUD, & SUSPENDED SILT. BIOLOGICAL BYCATCH IS DIVERSE AND INCLUDES: HORSESHOE CRABS, BLUE CRABS, SKATES, EELS, SPONGES, STARFISH, KEYHOLE URCHINS, WHELKS, & WOOD. DAILY HORSESHOE COUNTS CONTINUE AND ~424 ARE NOTED. ABIOTIC DEBRIS CONSISTS MOSTLY OF FABRIC, WIRE, ROPE, PLASTIC BAGS, AND A CRAB TRAP CAGE.

1300: FISH & WILDLIFE NOTIFIED OF TAGGED HORSESHOE CRAB (DEAD) FOUND DURING DREDGING OPERATIONS IN SAVANNAH CHANNEL.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	2-4	1100 / @ Buoy #8A / SURFING WAVES
Tursiops truncatus	6-8	1215 / 32° 0.77' N 80° 48.024' W

Observer(s) on duty CARRIE SINGER AND MELINDA WIEDBALSKI

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V BAYPORT

Project: SAVANNAH RIVER MAINTENANCE, GA

DAILY REPORT

Date 01 / 02 / 03 Load Numbers 125-129

Area(s) Worked STATIONS -30+00 TO -40+00 ONLY

Weather Conditions (incl. sea conditions) OVERCAST, SSW15+, SEAS MODERATE, RAIN PENDING

Range of Water Temp., Surface 52°F Below Mid-Depth

Condition and Effectiveness of Screening ALL SCREENS ARE FUNCTIONING WELL AND ARE IN EXCELLENT 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 TO REPORT CONCERNING ENDANGERED OR PROTECTED SPECIES DURING DREDGING ACTIVITIES. US FISH / WILDLIFE IDENTIFIED PREVIOUSLY TAGGED HORSESHOE CRAB #15905 ORIGINATING FROM SC. FINAL LOAD DVG @ 0500; SHIP @ DOCK FOR REFUELING ~0730. DREDGING OPERATIONS RESUMED @ 1800 hrs.

MATERIAL REMAINS MOSTLY SAND, MUD, & SILT W/ LOWER QUANTITIES OF BIOLOGICAL BYCATCH. EXAMPLES ARE: STARFISH, 242 HORSESHOE CRABS, 2 NURSE SHARKS (≈ 2-3' IN LENGTH), SEA URCHIN, KEYHOLE URCHINS, MANTIS SHRIMP, MOON SNAILS, PAINTED OLIVES, WHELKS, EELS, WOOD, ROCK CRAB, BLUE/SPIDER CRABS, BIVALVES & SPONGES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NONE		

Observer(s) on duty CARRIE SINGER & MELINDA NIEDBALSKI

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V BAYPORT

Project: SAVANNAH RIVER, GA

DAILY REPORT

Date 01 / 03 / 03 Load Numbers 130 - 139

Area(s) Worked STATIONS -30+00 TO -40+00 ; -30+00 TO -20+00 ONLY

Weather Conditions (incl. sea conditions) WESTERLY WINDS 15-20K; BSS 5-2; SEAS ROUGH AM → COLD FRON

Range of Water Temp., Surface 51.5°F Below Mid-Depth

Condition and Effectiveness of Screening ALL SCREENS ARE IN EXCELLENT CONDITION AND WORKING EFFECTIVELY.

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 TO REPORT CONCERNING ENDANGERED OR PROTECTED SPECIES DURING DREDGING OPERATIONS.

DREDGED SEDIMENT IS A COMBINATION OF MUD, SAND, SILT, & MISC. BIOTIC ORGANISMS. HORSESHOE CRAB COUNTS CONTINUE, DAILY TOTAL: 518. ADDITIONAL SAMPLES EXTRACTED INCLUDE: ROCK CRABS, BLUE CRABS, STARFISH, STONE CRABS, SESSILE SPONGES, KEYHOLE URCHINS, HIGH QUANTITIES OF GRASS & WOOD, WHELKS, AND (2) FISH.

CORP MANAGEMENT ONBOARD: RONNIE WESTBURY & ALAN GARRETT.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. truncatus	1	1255 / GREEN BUOY?
"	2-3	1500 / 32°1.49'N 80°48.819'W
"	4-6	1546 / BUOY #12

Observer(s) on duty CARRIE SINGER & MELINDA NIEDBALSKI

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V BAYPORT

Project: SAVANNAH RIVER, GEORGIA

DAILY REPORT

Date 01 / 04 / 03 Load Numbers 140 - 149

Area(s) Worked STATIONS -30 +00 TO -40 +00 ONLY

Weather Conditions (incl. sea conditions) MOSTLY WESTERLIES, BFS 3, SUNNY, COLD FRONT 49°F

Range of Water Temp., Surface 51.5°F Below Mid-Depth

Condition and Effectiveness of Screening ALL SCREENS ARE FILTERING EFFECTIVELY AND ARE IN EXCELLENT 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 TO REPORT CONCERNING ENDANGERED OR PROTECTED SPECIES DURING DREDGING OPERATIONS. NO WHALE SIGHTINGS, DESPITE EXCELLENT VISIBILITY.

DREDGED SEDIMENT IS COMBINATION OF MUD & SILT MIXED WITH BIOLOGICAL BYCATCH AND MISC. CHANNEL DEBRIS. BIOTIC SPECIMENS INCLUDE ~432 HORSESHOE CRABS, BLUE CRABS, STONE CRABS, KEYHOLE URCHINS, STARFISH, WOOD, SPONGES, EELS, WHELKS, & 2 STINGRAYS.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. truncatus	1	0942 / E of Buoy # 9 / 3x @ surface slowly.
T. truncatus	6-8	1725 / 32°8'N 80°0.5'W

Observer(s) on duty CARRIE SINGER & MELINDA NIEDBALSKI

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V BAYPORT

Project: SAVANNAH RIVER MAINTENANCE

WEEKLY SUMMARY

Dates 12 / 29 / 02 - 01 / 04 / 03 Load Numbers B7-149

Range of Water Temp., Surface 51°-52°F Below Mid-Depth

Areas Worked (lat/longs, stations) -30+00 To -40+00; -23+500 To 30+00; -13+00 To -20+00

Are there incidents involving endangered or protected species? YES (NO)

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

NO INCIDENTS TO REPORT CONCERNING ENDANGERED OR PROTECTED SPECIES DURING DREDGING ACTIVITIES. NUMEROUS NAVTEX NOTIFICATIONS OF MIGRATING RIGHT WHALES; HOWEVER, NONE SPOTTED FROM M/V BAYPORT. SEE DAILYS FOR LOCATIONS. INFLOW SCREENS CHAINED TO PREVENT GATES FROM OPENING. CHAINS ONLY REMOVED FOR LOADS #79 AND 89 DUE TO HIGH DENSITY & DIVERSITY OF BYCATCH, PER CHRIS SLAY'S REQUEST. A WEEKLY TOTAL OF 3947 HORSESHOES HAVE BEEN EXTRACTED FROM INFLOWS OR APT WIER. SEDIMENT DREDGED IS MOSTLY SAND & MUD WITH HIGH LEVELS OF SUSPENDED MATERIAL. CONCENTRATIONS OF CLAY & WOOD DEPEND ON AREAS WORKED. M/V BAYPORT @ DOCK 0730 (01.02.03) FOR FUEL UNTIL RESUMING @ 1800hrs. ONE TAGGED HORSESHOE CRAB #15905 REPORTED TO FISH & WILDLIFE, FOUND DEAD, BUT ORIGINATED FROM S.C. ADDITIONAL BYCATCH INCLUDED: ROCK, BLUE, & SPIDER CRABS, 2 NURSE SHARKS, SKATES, STINGRAYS, KEYHOLE URCHINS, STARFISH, BRYZOANS, SESSILE SPONGES, BIVALVES, MOON SNAILS, PAINTED OLIVES, WHELKS, EELS, FLOUNDERS HERMIT & CALICO CRABS, MANTIS SHRIMP, MISC. GRASS, FISH, WOOD. ABIOTIC: PLASTICS ALUMINUM CANS, ROPE, CRABTRAPS, WIRE, FABRIC, TABLESAW BLADE, & PLASTIC BOTTLES.

Bridge Watch Summary

Date	Various Species and Respective Number			Comments
12 / 30	Tursiops truncatus	2-3	1219	BUOY #9 / TRAVELING
01 / 01	"	2-4	1100	BUOY #8A / SURFACING
01 / 01	"	6-8	1215	32° 0.77'N 80° 48.024'W
01 / 03	"	1	1255	BUOY #9
01 / 03	"	2-3	1500	32° 1.49'N 80° 48.819'W
01 / 03	"	4-6	1546	BUOY #12
01 / 04	"	1	0942	E OF BUOY #9 / 3X @ SURFACE
01 / 04	"	6-8	1725	32° 8.0'N 80° 6.50'W

Observers on duty CARRIE SINGER & MELINDA NIEDBALSKI

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V BAYPORT

Project: SAVANNAH RIVER MAINT.

DAILY REPORT

Date 01 / 05 / 03 Load Numbers 150 – 160

Area(s) Worked -30'00 to -40'00, -30'00 to -23'500 -30'00 -25'00(R) -30'00 -25'00(G)

Weather Conditions (incl. sea conditions) SSW 5-10K, BSSI, CLEAR SKIES, EXC. VIS.

Range of Water Temp., Surface 51.5°F Below Mid-Depth

Condition and Effectiveness of Screening SCREEN HOLDING UP ON BOXES

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 TO REPORT CONCERNING ENDANGERED SP AND PROTECTED SP OR LARGE CETACEANS.

SEDIMENT MUD, CLAY, SAND, WOOD, PLASTIC, CANS, CLOTH, MONOFILAMENT, DEBRIS

BYCATCH INCLUDED: 700 HORSESHOE CRAB, SAND DOLLARS, STARFISH BLUECRAB URCHINS SPONGES, SKATE, WHELKS, OLIVESSHELLS, HERMIT CRAB, SELS.

700 HORSESHOE CRABS WERE COUNTED, ALTHOUGH NOT EVERY ONE OF THE 700 WERE DEAD.

[redacted] WEATHER COND: CLEAR SKIES, EXCELLENT VISIBILITY, SLIGHT WIND AND CHILL IN AIR.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NONE		

Observer(s) on duty MELINDA NIEDBALSKI CARRIE SINGER

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: MIV BAYPORT

Project: SAVANNAH RIVER MAINT.

DAILY REPORT

Date 01 / 06 / 03 Load Numbers 161-164 1-6

Area(s) Worked (G)-30' to to -25' to toe, ALL ENCOMPOSING SECTION 3+4 + CONTINGENCY AREA

Weather Conditions (incl. sea conditions)

Range of Water Temp., Surface 52°F Below Mid-Depth

Condition and Effectiveness of Screening

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 TO REPORT CONCERNING ENDANGERED SP OR PROTECTED SP OR LARGE CETACEANS.

INCREASED VOLUMES OF MATERIAL IN BOXES, BOXES WERE CONSISTENTLY BEING CLOGGED UP. DURING LOAD 161, BINDERS CAME OFF AND WERE PUT BACK ON AFTER LOAD ALL MATERIAL COLLECTED ON WEIR AFTER LOAD 163 CHAINS WERE REMOVED DUE TO PLUGGING UP ALL MATERIAL WAS COLLECTED FROM WEIR AND CHAINS WERE PUT ON AFTER LOAD #164. LOAD #165 IS NOW #1 DUE TO A CHANGE IN THE SECTION. IT IS NOW THE CONTINGENCY ZONE. LOAD #6 WAS PLUGGED DUE TO EXCESS OF MATERIAL.

MATERIAL THE SAME MUD SILT CLAY (LARGE AMOUNTS CLOGGING) WOOD DEBRIS

BYCATCH INCLUDES (675) HORSESHOE CRAB WHELKS (LARGE) BLUE, SANDDOLLARS, STARFISH SPIDER, CALICO, BIVALVES, SHRIMP,

WEATHER CHANGE: @2009 NW 15-25K, BSS 2. WHITECAPS, WINDY, COLD, RAIN

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NONE		

Observer(s) on duty CARRIE SINGER MELINDA NIEDBALSKI

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V BAYPORT

Project: SAVANNAH RIVER MAINT.

DAILY REPORT

Date 01 / 07 / 2003 Load Numbers 6-14 166-167

Area(s) Worked -40+00 to -30+00

Weather Conditions (incl. sea conditions) SSW 10-15K, BSS 1, CLEAR, COLD

Range of Water Temp., Surface 52°F Below Mid-Depth

Condition and Effectiveness of Screening SCREENS ARE OF REGULATION AND ARE EFFECTIVE

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 TO REPORT CONCERNING ENDANGERED SP OR LARGE CETACEANS. DUE TO HIGH VOLUMES OF CLAY AND WOOD FORE BOXES WERE CLOGGING UP AND ABILITY TO COUNT BYCATCH HINDERED. CHAINS WERE REMOVED AFTER LOAD 8 ON PORT SIDE AND REMAINED OFF UNTIL AFTER LOAD 11. DURING THESE LOADS THE STARBOARD FORE BOXES REPEATEDLY BECAME CLOGGED. FOR EFFICIENCY OF DREDGING OPERATIONS ONE SIDE'S CHAINS HAD TO REMAIN OFF DUE TO INFLUX OF DEBRIS, CLAY AND WOOD. CHAINS WERE RESTORED AFTER LOAD 11 ON BOTH SIDES. AND BOXES WERE CLOGGED AFTER LOAD 12. CHAINS WERE TAKEN OFF AGAIN DURING LOAD 13 UNTIL AFTER LOAD 166. CHAINS ARE NOW ON AND CORP APPROVED SECTIONS 1-3 AND ARE CURRENTLY WORKING IN 4 (SECTION). BYCATCH INCLUDED (320) HORSESHOE CRAB, EEL, BLUE CALICO CRAB, SPIDER CRAB, STARFISH, SANDDOLLAR, SHELLS W/ HELKS,

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Eubalaena glacialis	1 Adult	NAVTEX >0830/200 MILES HEADED N
"	" "	1007/ FERNANDINA
"	" "	1102/ 35 miles S of Dredge
	"	

Observer(s) on duty CARRIE SINGER MELINDA NIEDBALSKI

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V BAYPORT

Project: SAVANNAH RIVER MAINT.

DAILY REPORT

Date 01 / 08 / 2003 Load Numbers 168-176

Area(s) Worked -40+00 to -30+00, -40+00 to -33+00

Weather Conditions (incl. sea conditions) SSW 10-15K, BSSI, CLEAR, SUNNY EXC. VISIBILITY

Range of Water Temp., Surface 52°F Below Mid-Depth

Condition and Effectiveness of Screening SCREENS NOT DAMAGED, EFFECTIVE

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 CONCERNING ENDANGERED SP OR PROTECTED SP OR SPOTTINGS OF OTHER LARGE CETACEANS. SEDIMENT IN SECTIONS -40+00 to -30+00 STARTED OUT TO BE LARGE SAND SIZE MUD CLAY MIX, THEN LATER TENDED TO BE LARGE AMOUNTS OF CLAY WITH WOOD AND PROBLEMATIC FOR FORE BOXES. DUE TO THE OBVIOUS CHANGE IN SEDIMENT COMPOSITION AFTER LOAD #174. CHAINS WERE REMOVED. CRABS WERE SPEWING OUT ONTO CAT WALK AND BECAUSE OF BOTH BOXES CLOGGING A RUNG ON THE STARBOARD FORE BOX BROKE. WHEN OUT OF THIS SECTION CHAINS WILL BE PUT ON.
BYCATCH CONSISTED OF: (610) HORSESHOE CRABS, BLUE, EEL SHRIMP ECHINODERMS, CLAMSHELLS, STHREISH, SANDDOLLARS, KEYHOLE URCHINS BIVALVES CORAL WITH ABIOTIC DEBRIS SUCH AS MONOFILAMENT, CLOTH, METAL PLASTIC

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Eubalaena glacialis	1Ad 1clf	1642/30°46.0N 81°15.0W / 120 miles NAVTEX

Observer(s) on duty MELINDA NIEDBALSKI CARRIE SINGER

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V BAYPORT

Project: SAVANNAH RIVER MAINT.

DAILY REPORT

Date 01 / 09 / 2003 Load Numbers 177 - 186

Area(s) Worked -30+00 to -32+00, -40+00 to -37+00, -40+00 to -30+00, 36+50 to 38+50 (GRN) -39+00 to -40+00 (RED) (TOE)

Weather Conditions (incl. sea conditions) SSW 5-10K, BSSI,

Range of Water Temp., Surface 52°F Below Mid-Depth

Condition and Effectiveness of Screening SCREENS ARE IN GOOD WORKING ORDER.

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 TO REPORT CONCERNING ENDANGERED OR PROTECTED SP.
SEDIMENT CONSISTED OF CLAY, CLAY CLUMPS, SAND, MUD, WOOD.
DUE TO LARGE AMOUNTS OF SEDIMENT CHAINS REMAINED OFF UNTIL 0720.
AFTER LOAD 182 CHAINS WERE TAKEN OFF ON STARBOARD SIDE DUE TO CLOGGING UP.

SEDIMENT CONTAINED LARGE AMOUNTS OF CLAY, SAND, MUD, GLASS, CANS PLASTIC, ROPE, CLOTH, + WOOD.

BYCATCH CONSISTED OF (292) HORSESHOE CRAB, BLUE STARFISH KEYHOLE URCHINS SAND DOLLARS, CORAL, BIVALVES

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	1	0850 / ON STERN OF DREDGE

MELINDA NIEDBALSKI CARRIE SINGER

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V BAYPORT

Project: SAVANNAH RIVER MAINT.

DAILY REPORT

Date 01 / 10 / 2003 Load Numbers 15-21

Area(s) Worked -40+00 to 51+00R -40+00 to 50+00

Weather Conditions (incl. sea conditions) SSW5-10K, B551,

Range of Water Temp., Surface 52°F Below Mid-Depth

Condition and Effectiveness of Screening SCREENS ARE EFFECTIVE

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 TO REPORT CONCERNING ENDANGERED SP OR PROTECTED SP.
DREDGED MATERIAL CONTAINS SAND, MUD, WOOD CLAY, CLOTH, ROPE
INDUSTRIAL DEBRIS
BYCATCH INCLUDED (440) HORSESHOE CRABS, CHLICO STARFISH, SANDDOLLARS
BLUE, SPIDER

LOAD# S CHANGED DUE TO CONTIGENCY AREA

*END OF CONTRACT

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

MELINDA NIEDBALSKI CARRIE SINGER

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V BAYPORT

Project: SAVANNAH RIVER MAINT.

WEEKLY SUMMARY

Dates 01 / 05 /2003 - 01 / 10 /2003 Load Numbers (150-186)(1-21) CONTIG. ARE

Range of Water Temp., Surface 51.5°F to 52.°F Below Mid-Depth

Areas Worked (lat/longs, stations) -30'00 to -40'00, -40'00 to -33'00, CONTIGENCY AREA

Are there incidents involving endangered or protected species? YES (NO)

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

NO INCIDENTS CONCERNING ENDANGERED OR PROTECTED SP OR OTHER LARGE CETACEANS. MATERIAL DREDGED CONSISTED OF SAND, MUD, WOOD LARGE AMOUNTS OF CLAY. SEDIMENT CLOGGING UP BOXES ALL WEEK. BINDERS AND CHAINS CAME OFF DURING LOAD 164. AND PUT BACK ON. ≈ 2-3 LOADS WERE UN-CHAINED DAILY DUE TO INCREASED AMOUNT OF CLAY AND CLOGGING OF BOXES. SEE DAILY'S FOR LOAD SPECIFIC NUMBERS.

BYCATCH INCLUDED (30 37) HORSESHOE CRABS, SAND DOLLARS, STARFISH, BLUE CRAB, URCHINS SPONGES, SKATE WHELKS, OLIVESHELL, HERMIT CRABS, SPIDER CALICO BIVALVES EEL ECHINODERMS, CLAMSHELLS, CORAL

*NOT ALL HORESHOE CRABS WERE DEAD

STARBOARD FORE BOX WAS SO CLOGGED AFTER LOAD 174, THAT A RUNG BROKE AND NEEDED TO BE RE-WELDED

Bridge Watch Summary

Date	Various Species and Respective Number	Comm
01/07	Eubalaena glacialis / 0830	NAV
01/07	" / 1007	NAV
01/07	" / 1102	NAV
01/08	" / 1642	NAV
01/09	Tursiops truncatus / 0850	
/		
/		

Observers on duty MELINDA NIEDBALSKI CA

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V BAYPORT

Project: SAVANNAH RIVER MAINT.

WEEKLY SUMMARY

Dates 01 / 05 /2003 - 01 / 10 /2003 Load Numbers (150-186)(1-21) CONTIG. AREA

Range of Water Temp., Surface 51.5°F to 52.°F Below Mid-Depth

Areas Worked (lat/longs, stations) -30'00 to -40'00, -40'00 to 33'00, CONTIGENCY AREA

Are there incidents involving endangered or protected species? YES (NO)

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

NO INCIDENTS CONCERNING ENDANGERED OR PROTECTED SP OR OTHER LARGE CETACEANS. MATERIAL DREDGED CONSISTED OF SAND, MUD, WOOD LARGE AMOUNTS OF CLAY. SEDIMENT CLOGGING UP BOXES ALL WEEK. BINDERS AND CHAINS CAME OFF DURING LOAD 164. AND PUT BACK ON. ≈ 2-3 LOADS WERE UNCHAINED DAILY DUE TO INCREASED AMOUNT OF CLAY AND CLOGGING OF BOXES. SEE DAILY'S FOR LOAD SPECIFIC NUMBERS.

BYCATCH INCLUDED (30 37) HORSESHOE CRABS, SAND DOLLARS, STARFISH, BLUE CRAB, URCHINS SPONGES, SKATE WHELKS, OLIVESHELL, HERMIT CRABS, SPIDER CALICO BIVALVES EEL ECHINODERMS, CLAMSHELLS, CORAL

*NOT ALL HORESHOE CRABS WERE DEAD

STARBOARD FORE BOX WAS SO CLOGGED AFTER LOAD 174, THAT A RUNG BROKE AND NEEDED TO BE REWELDED

Bridge Watch Summary

Date	Various Species and Respective Number		Comments
01/07	Eubalaena glacialis	1 0830	NAVTEX
01/07	"	1 1007	NAVTEX
01/07	"	1 1102	NAVTEX
01/08	"	1 1642	NAVTEX
01/09	Tursiops truncatus	1 0850	
/			
/			

Observers on duty MELINDA NIEDBALSKI CARRIE SINGER