ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 2 / 26 / 95 Loads: 1 - 3

Area(s) Worked: DREDGING INSIDE JETTIES, ENTRANCE TO CHANNELS

Weather Conditions: OVERCAST, NW 5-15 KTS, SEA 2'-3', 66°-60° H2O Temp 56°

Condition of all screening apparatus: 1) STARBOARD FOWARD DISCHARGE BOX OPEN
2) METAL RODS THAT KEEP TOP DOORS SHUT NEEDED FOR ALL BOXES.

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

Comments: OBSERVERS ARRIVE AT 1130 AS EAGLE IS IN PROCESS OF PUMPING OFF LOAD #1 WHICH WAS COLLECTED DURING THE NIGHT OF FEB. 25. THE EAGLE IS EQUIPPED WITH FOUR DISCHARGE CAGES TO MONITOR ALL INFLOW OF MATERIAL FOR SEA TURTLE PARTS. THREE OF THESE CAGES WERE LEFT OPEN WHEN LOAD #1 WAS COLLECTED; BOTH AFT BOXES AND THE FOWARD STARBOARD BOX. THE FOWARD BOX REMAINED COMPLETELY OPEN DURING LOADS #2 AND #3 SO THAT ALL THE MATERIAL THAT PASSED THROUGH IT WENT UN-SCREENED. TED'S HAVE BEEN PLACED ON DRAGARMS.

GOOD WHALE WATCH SIGHTING CONDITIONS THROUGH AFTERNOON WITH NO WHITE CAPS AND GOOD VISIBILITY.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
NO WHALES OR TURTLES OBSERVED			

Observer(s) On Duty: ZACK KLYVER, SCOTT DAVIES

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 2 / 27 / 95 Loads: 04

Area(s) Worked: ENTRANCE TO CHANNEL

Weather Conditions: PARTLY CLOUDY, 0-WIND, 1'-2', 60'S-70'S H2O Temp 57.5°

Condition of all screening apparatus: GOOD, FOWARD BOXES NOW IN USE.

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

Comments: SPENT DAY AT PUMP OUT SIGHT FIXING BROKEN PIPE LINE. LOAD # 3 PUMPED OFF EARLY MORNING HOURS AND LOAD # 4 COLLECTED BY 0400, BOTH FOWARD BOXES HAVE BEEN SECURED AND ARE NOW IN USE. COUPLE OF HUNDRED MOLTEN ROCKS COLLECTED IN AFT SCREENING CAGES.

GOOD WHALE SIGHTING CONDITIONS WITH NO WIND AND CALM SEAS. CHRIS MASON SPENT 0830 - 1600 HUNDRED ABOARD AS WHALE WATCH LOOKOUT.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
NO WHALES OR SEA TURTLES OBSERVED			
SUB	1		OUTBOUND
SHIP	2		INBOUND

Observer(s) On Duty: ZACK ELYVER, SCOTT DAVIES, CHRIS MASON

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 2 / 28 / 95 Loads: 5 + 6

Area(s) Worked: ENTRANCE TO CHANNEL

Weather Conditions: OVERCAST, HAZY, PATCHY FOG, W 5-10, 1-3' SEA, 60S H2O Temp 58°

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes____ No X

Comments:

0600 - 1300 PUMPING OFF LOAD # 4, OPENED FOWARD BOXES AND CLEANED THEM WITH MONITORS AND BY HAND. COLLECTED FEW HUNDRED MOLTEN ROCKS IN APT. BOXES.

1330 - 1900 LOAD # 5 SANDY, SHELLY MATERIAL, OCASS. SHARK TEETH AND FOSSIL BONE FRAGMENTS

1915 - 0630 LOAD # 6 " "

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
NO WHALES OR SEA TURTLES OBSERVED			
FREIGHTER	1		OUTBOUND
Tt	12		S OF JETTY

Observer(s) On Duty: ZACK KLYVER, SCOTT DAVIES, CHRIS MASON

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 3 / 1 / 95 Loads: 7-8

Area(s) Worked: CHANNEL ENTRANCE

Weather Conditions: OVERCAST 70° - 80° H2O Temp 59°

Condition of all screening apparatus: SCREENING APPARATUS ARE IN GOOD CONDITION

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

Comments: USED MONITORS TO HELP FLUSH OUT PORT BOXES THAT WERE COMPLETELY FULL OF SAND AND SHELLS. MINIMAL BIOLOGICAL SAMPLES WERE DISCOVERED WITH THE MAJORITY BEING WHELKS, AND A FEW LIMNULUS

DUMPING CONTINUES TO BE A LENGTHY PROCESS DUE TO MECHANICAL PROBLEMS, SOMETIMES TAKING OVER 5 HOURS TO DUMP.

NO TURTLES OR TURTLE PARTS HAVE BEEN DISCOVERED AS WELL AS NO SIGHTINGS IN OPEN WATER

NO WHALE SIGHTINGS FROM BRIDGE HAVE OCCURRED, ONLY FROM AERIAL SURVEYS

SCREENS SEEM TO BE EFFICIENTLY SCREENING HOPPER CONTENTS

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
∅			NO SIGHTINGS

Observer(s) On Duty: SCOTT DAVIS, SYDNEY PRINCE

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 3 / 2 / 95 Loads: 9-10

Area(s) Worked: CHANNEL ENTRANCE

Weather Conditions: CLOUDY, W=NE/NW 5-20 kts, SEAS 1'-5', AIR=54°-57° H2O Temp 55°

Condition of all screening apparatus: GOOD CONDITION

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

Comments: MATERIAL FOUND IN DISCHARGE BOXES CONSISTS PRIMARILY OF: SAND, SHELL, SEA GRASS, WOOD & ROCK. ALSO FOUND IN LOAD #9 WAS A SOUTHERN STINGRAY.

BOTH FOR & AFT BOXES ON THE PORT SIDE HAVE BEEN FILLING UP WITH EACH LOAD AND HAVE REQUIRED USE OF THE MONITORS TO FLUSH THEM OUT.

AGAIN THERE WERE MECHANICAL TROUBLES WHICH LENGTHENED THE RAMP-OUT TIME CONSIDERABLY.

NO WHALES WERE SIGHTED FROM THE BRIDGE. VISIBILITY WAS POOR DUE TO OVERCAST CONDITIONS.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			NO SIGHTINGS

Observer(s) On Duty: SCOTT DAVIS, SYDNEY PRINCE

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 3 / 3 / 95 Loads: 11

Area(s) Worked: CHANNEL ENTRANCE

Weather Conditions: CLEAR, W = NORTHERLY 3-7 kts. SEAS CALM H2O Temp 55°

Condition of all screening apparatus: GOOD CONDITION AIR " " 59°

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

Comments: MATERIAL FOUND IN DISCHARGE BOXES CONSISTS PRIMARILY OF SAND SHELL ROCK.

VISIBILITY WAS GOOD TODAY, THOUGH NO REPORTED WHALES SIGHTED.

THE OFFICE WOULD LIKE THE DAILY PAPERWORK AVAILABLE AS EARLY AS 5AM. OBSERVERS HAVE THEREFORE CHANGED THEIR DAILY TIME FROM 6AM-6PM TO 12 MIDNIGHT - 12 MIDNIGHT. THOUGH LOAD # 12 BEGAN AT 1052 AND ENDED AT 1203 ON 3/3/95 DUE TO A BREAKDOWN IN PIPING TO STORE, PUMP OUT WAS NOT COMPLETED UNTIL AFTER 0400 ON 3/4/95. PAPERWORK FOR LOAD # 12 WILL BE ON 3/4/95 DAILY.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			NO TURTLES OR WHALES SIGHTED
T+	1	1	BOTTLENOSE DOLPHIN SIGHTED NEAR DREDGE

Observer(s) On Duty: S. PRINCE S. DAVIS

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 3 / 4 / 95 Loads: 12 - 16

Area(s) Worked: CHANNEL ENTRANCE

Weather Conditions: MOSTLY CLEAR H2O Temp 56°-59°

Condition of all screening apparatus: EVERYTHING IN GOOD CONDITION

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

Comments: MATERIAL FOUND IN DISCHARGE BOXES CONSISTED OF: STINGRAY, FLOUNDER, EEL, WHELK; OTHER SHELL, ROCK, WOOD, CLAY BALLS & SAND.
VISIBILITY THIS DAY WAS RELATIVELY GOOD. NO WHALES WERE SIGHTED OR REPORTED FROM SURVEY PLANE.
MECHANICAL PROBLEMS WITH PUMPOUT EQUIPMENT HAS SLOWED OPERATION TIME. LOAD # 16 WAS NOT PUMPED OUT UNTIL 3/5/94 THE FOLLOWING MORNING.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			NO TURTLE OR MAMMAL SIGHTINGS
Tursiops truncata	2	(5-7)	BOTTLENOSE DOLPHIN - IN AND AROUND [illegible]

Observer(s) On Duty: SCOTT DAVIS, STANLEY PRINCE

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 3 / 5 / 95 Loads: 17-19

Area(s) Worked: CHANNEL ENTRANCE

Weather Conditions: OVERCAST, WINDS: VARIABLE 5-10 kts, SEAS 1'-4' H2O Temp 57°/58°

Condition of all screening apparatus: GOOD CONDITION Air 62°-66°

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

Comments: MATERIAL FOUND IN DISCHARGE BOXES CONSISTS OF STINGRAY, HORSESHOE CRABS, WHELK & OTHER SHELLS, CLAY BALLS, WOOD AND ROCK.
VISIBILITY WAS POOR TODAY WITH OVERCAST CONDITIONS.
NO WHALES SIGHTED OR REPORTED.
CAPTAIN RAISED CONCERN OVER THE BUILD UP OF ROCK IN THE DISCHARGE BOXES & HOW THEY MIGHT PASS THROUGH THE PUMPOUT LINE 2 OR 3 AT ONE TIME CLOGGING UP THE FLOW AT THE JOINTS. WE ARE STILL TRYING TO FIGURE OUT A SYSTEM THAT WILL ENABLE THE OBSERVERS TO THOROUGHLY CHECK THE BOXES AND CLEAN OUT THE ROCK BEFORE THE PUMPOUT PROCESS BEGINS.
OPENING BOXES AND FLUSHING OUT MATERIAL ON TOP OF LOAD AS WAS TRIED TODAY DOES NOT WORK - MATERIALS COULD NOT BE SEEN BENEATH THE WATER & THEN ONLY SMALL % OF MATERIAL REMAINED VISIBLE ON THE SURFACE OF THE LOAD.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			NO TURTLES OR WHALES SIGHTED

Observer(s) On Duty: SCOTT DAVIS SYDNEY PRINCE

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

WEEKLY SUMMARY

Dates: 2/26/95 - 3/5/95 Loads: 1-19 Range of H2O Temp 55°-58°
Area(s) Worked: Dredging Channel Entrance

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

Comments: Observers arrived on board Eagle 1 @ 11:30 am on 2/26/95 in the St. Marys Entrance Channel. The Eagle is equipped with 4 discharge boxes w/ screened front hatches to monitor inflow of all material for sea turtle takes. The Dragarms have been equipped with TEDs. All screening apparatus has remained in good condition throughout the week. The captain and chief mate have voiced some concern over the buildup of rocks in the boxes and how to best eliminate them into hopper before pump out. This would mean observers would have to be given the opportunity to clean/check boxes before pump out. The solution is still in the works.

Material found in discharge boxes consists primarily of sand & shell. For specifics refer to daily's.

Due to location of project site at channel entrance, Corps of Engineers agreed that a whale observer was not necessary & that bridge watch could comfortably fall under the responsibility of the turtle observers. The Eagle now houses 2 turtle observers.

No turtles or whales have been sighted.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			no turtle or whale sightings
Tursiops truncata	4	(18-20)	Bottlenose dolphin sighted in around channel.

Observer(s) On Duty: Zack Kluver, Scott Davis, Chris Mason, Sydney Prince

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 3 / 6 / 95 Loads: 20-22

Area(s) Worked: CHANNEL ENTRANCE

Weather Conditions: VARIABLE, WINDS: SE 5 kts SEAS 2' AIR 66°-74° H2O Temp 58°

Condition of all screening apparatus: GOOD CONDITION

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

Comments: MATERIAL FOUND IN BOXES REMAINS THE SAME: SAND ROCK SHELL & WOOD. BIOLOGICAL SAMPLING IS MINIMAL: HORSESHOE CRAB, WHELK. ROCK CONTENT SEEMS TO VARY WITH EACH LOAD. OBSERVERS WILL CONTINUE TO CHECK & CLEAN BOXES DURING THE RUN FROM THE PROJECT AREA TO THE PUMP-OUT BARGE.

VISIBILITY TODAY WAS FAIR TO GOOD. NO WHALES SIGHTED.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			NO TURTLE OR WHALE SIGHTED
TURSIOPS TRUNCATA	2	8	BOTTLENOSE DOLPHIN SIGHTED NEAR DREDGE SITE.

Observer(s) On Duty: SCOTT DAVIS SYDNEY PRINCE

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 3 / 7 / 95 Loads: 23-25

Area(s) Worked: ENTRANCE CHANNEL

Weather Conditions: PARTLY CLOUDY H2O Temp 58°-61°

Condition of all screening apparatus: GOOD CONDITION

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

Comments: MATERIAL FOUND IN DISCHARGE BOXES CONSISTED OF: SAND ROCK, CLAY & WOOD. BIOLOGICAL SAMPLING WAS MINIMAL; SEA URCHIN SEA CUCUMBER, BRYOZOANS & SHELL. BOXES CONTINUE TO FILL UP WITH EACH LOAD.

VISIBILITY WAS GOOD TODAY, THOUGH NO WHALES SIGHTED.

OBSERVER SAM DAVIS COMPLETED HIS DUTIES THIS MORNING AND WAS RELIEVED BY JENNIFER CAFIZIRE.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			NO TURTLES OR WHALES SIGHTED

Observer(s) On Duty: JENNIFER CAFIZIRE SYDNEY PRINCE

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 3 / 8 / 95 Loads: 26 - 27

Area(s) Worked: ENTRANCE CHANNEL

Weather Conditions: VARIABLE, WIND: SE/NW 10-25 KTS SEA 3'-5' H2O Temp 61° F

Condition of all screening apparatus: GOOD CONDITION AIR 60°-70°

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

Comments: MATERIAL FOUND IN DISCHARGE BOXES CONSISTS OF: ROCK, CLAY & SHELL. BIOLOGICAL SAMPLING CONSISTING OF ONLY WHELK.

AS IT HAS BECOME INCREASINGLY DIFFICULT TO CLEAN OUT ALL FOUR BOXES IN THE MINIMAL TIME GIVEN TO DO SO, A DECK HAND WILL NOW OFFER ASSISTANCE WHEN HE IS AVAILABLE. ALSO, OBSERVERS HAVE BEEN GIVEN THE 'O.K' TO WORK IN THE AFT BOXES DURING PUMP-OUT AS LONG AS THEY ARE SECURED W/ A SAFETY HARNESS.

NO WHALES WERE SIGHTED FROM THE BRIDGE TODAY.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			NO TURTLES OR WHALES SIGHTED

Observer(s) On Duty: JENNIFER GATZKE, SYDNEY PRINCE

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 3 / 9 / 95 Loads: 28 - 31

Area(s) Worked: Entrance Channel

Weather Conditions: Mostly Clear, Wind = NW/NE 10-20 kts 2'-5' H2O Temp 56°-58°

Condition of all screening apparatus: Good Condition Air = 54°-68°

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

Comments: Material found in Discharge Boxes continues to be Rock, shell and sand. Biological sampling consisted of one stingray.

Some work was done on the shoot leading into the port discharge box - such that the pressurized H_2O seems to be flushing out the box better. Again, now that we are allowed to work in the boxes during pump-out, with a harness on, boxes have been cleaned more thoroughly.

Visibility was good today, though no whales were sighted.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			No turtle or whale sighted

Observer(s) On Duty: Jennifer Chatzke, Sydney Prince

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 3 / 10 / 95 Loads: 31 (PLUS SUPPLEMENTAL LOAD)

Area(s) Worked: ENTRANCE CHANNEL

Weather Conditions: VARIABLE, WIND = NE 10-15 KTS, SEA 4'-5' H2O Temp 56°/57°

Condition of all screening apparatus: GOOD CONDITION AIR = 55°

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

Comments: LOAD # 31 (PLUS SUPPLEMENTAL LOAD) HAS YET TO BE PUMPED OUT. WEATHER CONDITIONS HAVE SLOWED REPAIRS AT BARGE.

DISCHARGE BOXES HAVE BEEN THOROUGHLY CLEANED.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			NO TURTLES OR WHALES SIGHTED

Observer(s) On Duty: JENNIFER CATZKE, SYDNEY PRINCE

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 3 / 11 / 95 Loads: 32

Area(s) Worked: Entrance Channel

Weather Conditions: Partly Cloudy, Wind = E 5 Kts, Sea 1'-2' H2O Temp 58°

Condition of all screening apparatus: Good Condition Air = 60°

Are there incidents involving endangered or protected species? Yes____ No X

Comments: Load # 31 was not pumped-out completely until 2031 @ 3/11/95 due to repairs to pump out line. Other problems with pump-out process developed following load # 32, which will likely be pumped out on 3/12/95.

Discharge boxes were thoroughly cleaned following load # 32. Material consisted of rock, shell & sand. Biological sampling consisted of portion of large fish (sp?).

Screening on forward bulkhead was cleaned daily with the help of tractender.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			No turtle or whale sighted

Observer(s) On Duty: Jennifer Gatske, Sydney Prince

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 03 / 12 / 95 Loads: 33-34

Area(s) Worked: ENTRANCE CHANNEL

Weather Conditions: PARTLY CLOUDY, WND: SE/NE 3-6 kts, SEA 1'-2' H2O Temp 56°-58°

Condition of all screening apparatus: GOOD CONDITION AIR: 55°-75°

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

Comments: ACCUMULATION OF MATERIAL IN DISCHARGE BOXES HAS BEEN DECREASING. FOUND PRIMARILY = ROCK, SHELL, WOOD & SAND. BIOLOGICAL SAMPLING CONSISTED OF: STARGAZERS, STINGRAY.

VISIBILITY TODAY WAS GOOD, THOUGH NO SIGHTINGS FROM THE BRIDGE.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			NO TURTLE OR WHALE SIGHTING

Observer(s) On Duty: JENNIFER GATZKE, SYDNEY PRINCE

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

WEEKLY SUMMARY

Dates: 3/6/95 - 3/12/95 Loads: 17 - 34 Range of H2O Temp 56°-61°
Area(s) Worked: Entrance Channel 100 → 215

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

Comments: For the observers both on deck and on bridge watch, the week has been uneventful. There have been no turtle or whale incidents. Biological sampling has been minimal. For further detail on findings in discharge boxes refer to daily reports.

Captain has changed his mind and remains unsure about proper procedures on the deck for the observers. As it stands now, observers have a very minimal amount of time to check the boxes (15 min. transport time to the pump-out site), and hence when there is a problem - as with the chainsnoers releasing the hatch doors, boxes don't get checked. Crew members have been asked to assist observers, but nonetheless, the procedure has become rather hurried.

Jennifer Gatzke replaced Scott Davis on 3.17.95.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			No whales or turtles sighted
Tursiops truncata	2	8	Bottlenose dolphin sighted near dredge area

Observer(s) On Duty: Scott Davis, Sydney Prince, Jennifer Gatzke

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 8 / 13 / 95 Loads: 35-37

Area(s) Worked: ENTRANCE CHANNEL

Weather Conditions: VARIABLE, WIND: E/NE 5-15 kts, SEA < 4' H2O Temp 57°-60°

Condition of all screening apparatus: GOOD CONDITION AIR: 70°-79°

* PROBLEM WITH STBD CHAINBINDER.

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

Comments: EAGLE 1 CONTINUES TO DIG A SAND/SHELL MIXTURE. ALSO FOUND IN DISCHARGE BOXES ARE ROCK AND WOOD. ONE STINGRAY & ONE SKATE WERE FOUND IN AFT BOXES.

* THE CHAINBINDER IS SO BOUND TO THE CHAIN, OBSERVERS AND CREW MEMBERS HAVE NOT BEEN ABLE TO REMOVE IT AND HENCE HAVE NOT BEEN ABLE TO OPEN THE FOREWARD BOX ON THE STBD SIDE. OBSERVERS HAVE CHECKED CONTENTS OF BOX VISUALLY FROM TOP AND SEE NOTHING BUT ROCK & SHELL. NEW TACTICS WILL BE TAKEN TOMORROW TO FIX THE PROBLEM.

VISIBILITY WAS GOOD TODAY, THOUGH NO WHALES WERE SIGHTED FROM THE BRIDGE

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			NO TURTLES OR WHALES SIGHTED

Observer(s) On Duty: JENNIFER CATZKE, SYDNEY PRINCE

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 3 / 14 / 95 Loads: 38 → 41

Area(s) Worked: ENTRANCE CHANNEL 100[100] → 215[100]

Weather Conditions: VARIABLE, WIND = EASTERLY < 8 KTS, SEA 1'-4' H2O Temp 59°-61°

Condition of all screening apparatus: GOOD CONDITION AIR = 60°-75°

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

Comments: LIGHTER ACCUMULATION OF SAND, ROCK, SHELL & WOOD IN DISCHARGE BOXES. BIOLOGICAL SAMPLING CONSISTED OF ONE STINGRAY & WHELK SHELL.

DECKHAND WAS ABLE TO RELEASE THE CHAINGNOSE ON THE FORE-STBD BOX. BOX WAS THOROUGHLY CLEANED. OBSERVERS SPOKE TO THE BOLSON ABOUT CHAINGNOSE SITUATION. EVENTUALLY A SOLUTION WILL BE FOUND.

VISIBILITY WAS GOOD TODAY. NO WHALES WERE SIGHTED AND NO WHALE SIGHTINGS REPORTED FROM AERIAL SURVEY PLANE.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			NO WHALE OR TURTLE SIGHTINGS
TURSIOPS TRUNCATA	1	2	BOTTLENOSE DOLPHIN SIGHTED W/IN JETTIES

Observer(s) On Duty: JENNIFER GATZKE, SYDNEY PRINCE

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 03 / 15 / 95 Loads: 42-44

Area(s) Worked: Stations 100+00-215+00-118+00-163+00-202+00

Weather Conditions: Mostly cloudy, Winds variable 3-15 knots, Seas 3-5 H2O Temp 59

Condition of all screening apparatus: Good working condition

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

Comments: Samples remain the same, mainly rock, wood, shell, trash, clearnose skate and a sting ray. Accumulation of sample quantities varied from moderate to full in the fore boxes.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
No sightings today			

Observer(s) On Duty: Eric Westerman, Jennifer Gatzke

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 03 / 16 / 95 Loads: No loads completed

Area(s) Worked: Stations 100-215-173-177-173-150-130-132-122

Weather Conditions: Partly cloudy, Winds SE 5-8 knots, Seas 2-4 H2O Temp 60

Condition of all screening apparatus: Intact and in good working order

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

Comments: Due to problems with pump out barge and dredge load 45 still not completed yet. Observers have cleaned out screening twice today with no incidents. Water temperatures will be taken from observers on the dredge.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt	3	5	Bottlenose Dolphins

Observer(s) On Duty: Eric Westermman, Jennifer Gatzke

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 03 / 17 / 95 Loads: 45-46

Area(s) Worked: Stations 100-122-130-132-173-177-200-215

Weather Conditions: Cloudy, rain, Winds variable 5-12 knots, Seas 2-4 H2O Temp 59

Condition of all screening apparatus: Intact and working fine

Are there incidents involving endangered or protected species? Yes____ No X

Comments: Port drag arm down for repairs. Only digging with the starboard arm. Samples include rock, wood, trash, cannonball jellyfish, whelks, sea stars, shell and old whale and turtle bones.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt	1	2	Bottlenose Dolphins

Observer(s) On Duty: Eric Westerman, Jennifer Gatzke

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 03 / 18 / 95 Loads: 47-50

Area(s) Worked: Stations 100-215-150-165-160-198

Weather Conditions: Partly cloudy, Winds variable 2-10 knots, Seas calm to 5 H2O Temp 60

Condition of all screening apparatus: Intact and working fine

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

Comments: Port drag still down for repairs. Samples remain the same, mainly rock, wood, trash, shell and clay.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
No sightings			

Observer(s) On Duty: Eric Westerman, Jennifer Gatzke

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE I* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 03 / 19 / 95 Loads: No loads completed

Area(s) Worked: Stations 100-130-134-148-150-146-195-215

Weather Conditions: Cloudy, Winds NE 15-20 knots Seas 4-6 H2O Temp 62

Condition of all screening apparatus: Intact and in good working order

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

Comments: Problems with the pump out barge. Dredge plowed for awhile then went to anchor awaiting pump out barge repairs. Load 51 cleaned with no incident but still awaiting to be pumped out.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
No sightings			

Observer(s) On Duty: Eric Westerman, Jennifer Gatzke

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 03 / 20 / 95 Loads: 51-53

Area(s) Worked: Stations 115-125-170-215-113-100-129-166

Weather Conditions: Clear, Winds NE 10 knots, Seas 2-4, H2O Temp 61

Condition of all screening apparatus: Intact and in good working order

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

Comments: No accumulation of debris in the boxes. Digging more on the inside section with little rock and flushable size shell.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
No sightings			

Observer(s) On Duty: Eric Westerman, Jennifer Gatzke

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 03 / 21 / 95 Loads: 54-57

Area(s) Worked: Stations 179-194-110-215-170-102-129-115

Weather Conditions: Clear, Winds variable 0-15 knots, Seas 0-3 H2O Temp 63

Condition of all screening apparatus: On one load aft boxes opened up at the end of the load. Talked to dragtender about making sure doors stay closed till the flushing is completed.

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

Comments: Samples remain the same mostly rock, shell, wood, trash and clay. Quantities of samples have varied from full aft boxes to very little debris sampled.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt	4	7	Bottlenose Dolphins

Observer(s) On Duty: Eric Westerman, Jennifer Gatzke

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 3 / 22 / 95 Loads: 58-61

Area(s) Worked: STATIONS 103 → 215

Weather Conditions: PARTLY CLOUDY, W WIND 10-15 Kt, SEA CALM, 74-82° H2O Temp 63°F

Condition of all screening apparatus: IN GOOD WORKING ORDER

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

Comments: SAMPLES REMAIN THE SAME ; SHELL, WOOD, SOME ROCK. ACCUMULATION IN BOXES IS VERY MINIMAL.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
NO SIGHTINGS REPORTED			

Observer(s) On Duty: JENNIFER GATZKE, LISA CONGER

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 3 / 23 / 95 Loads: 62-65

Area(s) Worked: sections 100+00 → 215+00 85°F

Weather Conditions: Overcast, winds W 15-25 Kts, light chop H2O Temp 64°F

Condition of all screening apparatus: All inflow boxes are in good working condition.

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

Comments: We continue to sample very little biological matter. Today's sample consisted of two cow nosed rays, a skate, a spider crab, whelks and a variety of shells. Observer program continues to run smoothly.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: L. Conger, J. Gatzke

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 3 / 24 / 95 Loads: 66, 67

Area(s) Worked: 100+00 → 215+00

Weather Conditions: Clear, NNE winds 13-18Kts, seas 3'-4' 65° H2O Temp 61°

Condition of all screening apparatus: All inflow boxes are in good working condition

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

Comments: We continue to get very little biological sample. Digging clean sand. Everything is going smoothly

No Incident

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: CONGER, GATZKE

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 3 , 25 , 95 Loads: 68-70

Area(s) Worked: 100+00 → 215+00

Weather Conditions: Clear, NE winds 10-15Kts, seas 4'-5', 64° H2O Temp 63°F

Condition of all screening apparatus: All inflow boxes in good working condition.

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

Comments: Biological sample continues to be minimal. Digging clean sand with shell.

No Incident

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: CONGER, GATZKE

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 3 / 26 / 95 Loads: 71 - 72

Area(s) Worked: STATIONS 100+00 TO 215+00

Weather Conditions: CLEAR, SE WIND 5-10 kt, SEAS CALM, 80°F H2O Temp 65.9°F

Condition of all screening apparatus: INTACT AND WORKING PROPERLY

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

Comments: BIOLOGICAL SAMPLE REMAINS MINIMAL. CANNONBALL JELLYFISH SEEM TO BE ABUNDANT IN SURROUNDING WATERS AND WERE FOUND IN SAMPLES ALONG WITH MORE COWNOSED RAYS

NO INCIDENT

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
NO SIGHTINGS REPORTED			

Observer(s) On Duty: J. GATZKE & L. CONGER

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

WEEKLY SUMMARY

Dates: 3/20/95 - 3/26/95 Loads: 51-72 Range of H2O Temp 60-65.9°F
Area(s) Worked: STATIONS 100+00 TO 215+00

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

Comments: ACCUMULATION OF DEBRIS IN INFLOW SCREENING REMAINS MINIMAL. MORE BIOLOGICAL SAMPLES SEEN THIS WEEK, RELATIVE TO LAST, INCLUDING CANNONBALL JELLYFISH, COWNOSED RAYS AND SPIDER CRABS.

ALL SCREENING REMAINS IN PROPER WORKING CONDITION AND APPEARS TO BE VERY EFFECTIVE.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	4	7	BOTTLENOSE DOLPHINS 3/21

Observer(s) On Duty: J. GATZKE, L. CONGER, E. WESTERMAN

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 3 / 27 / 95 Loads: 73 - 75

Area(s) Worked: sections $100^{+00} \rightarrow 215^{+00}$

Weather Conditions: mostly cloudy, WSW winds 5kts, seas 0-2', 85° H2O Temp 64°F

Condition of all screening apparatus: All inflow boxes are in good working condition

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

Comments: Biological sample contained a couple of rays, and very little else. Digging very clean sand. Load times are becoming longer due to decreased amounts of material to dredge. However, we are seeing no difference in amounts of biological sample
No Incidents

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	throughout morning	6-8	apparent feeding off of the end of the south jetty

Observer(s) On Duty: CONGER, GATZKE

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 3 / 28 / 95 Loads: 76 - 78

Area(s) Worked: STATIONS 160+00 → 215+00

Weather Conditions: PARTLY CLOUDY, W WIND 5-15kt, SEA CALM H2O Temp 63°F

Condition of all screening apparatus: ALL IN WORKING ORDER.

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

Comments: STILL SEEING COWNOSE RAYS IN BIOLOGICAL SAMPLES THAT ARE OTHERWISE MINIMAL (7 RAYS TODAY). AN OLD SEA TURTLE BONE WAS FOUND IN THE SAMPLE; A PLEURAL BONE OF THE CARAPACE AND IN NO WAY RELATED TO RECENT DREDGING.

THE AFT DISCHARGE BOX DOORS, PARTICULARLY THE PORT SIDE, HAVE BEEN OPENING SLIGHTLY DURING THE LOADING PROCESS DUE TO WATER PRESSURE. THIS GAP OF ABOUT 6 INCHES IS CLOSED BY THE DRAGTENDER IMMEDIATELY UPON NOTIFICATION BY THE OBSERVER.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus		3	by buoy 20 - bottlenose dolphins

Observer(s) On Duty: J. GATZKE & L. CONGER

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 3 / 29 / 95 Loads: 79 - 82

Area(s) Worked: Sections 115+00 → 215+00

Weather Conditions: cloudy, W winds 5-10 kts, seas calm, 72°F H2O Temp 64.8°F

Condition of all screening apparatus: All inflow boxes are in good working condition.

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

Comments: We are getting an increased amount of large rocks in the inflow boxes. The biological sample continues to be minimal.
No Incidents

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TT	3	6	In and around dig area throughout the day.

Observer(s) On Duty: CONGER, GATZKE

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 3 / 30 / 95 Loads: 83-85

Area(s) Worked: sections 100+00 → 215+00

Weather Conditions: Cloudy, W wind 5-10 going S 10-15 kts, seas calm, 70°F H2O Temp 67°F

Condition of all screening apparatus: All inflow boxes are in good working condition.

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

Comments: Virtually no biological sample. Boxes are getting larger pieces of rock and some clay.
Basically still digging clean sand with some clay.
Observers continue to see cannonball jellyfish in surrounding waters.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: CONGER, GATZKE

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 3 / 31 / 95 Loads: 86

Area(s) Worked: 115+00 → 175+00

Weather Conditions: overcast w/rain, N winds 15-20Kts, seas 2'-4', 65°F H2O Temp 63°F

Condition of all screening apparatus: All inflow boxes in good working condition.

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

Comments: After hooking up to the pump-out and discharging some of this, the pump-out barge malfunctioned and the dredge was unable to discharge any more of this load. As of 2400 hrs on the 31st the dredge still contains most of load #86, which they are 'topping off' while they wait for repairs to the pump-out barge. Observer will recheck the inflow boxes before this load is discharged. So far, no biological sample and no incident.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: CONGER, GATZKE

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 4 / 1 / 95 Loads: 86-88

Area(s) Worked: 115+00 -> 215+00

Weather Conditions: mostly cloudy -> clear, SSE-ly winds 10kts, seas 1'-4', 84° H2O Temp 66.0

Condition of all screening apparatus: All inflow boxes are in good working condition

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

Comments: Due to a break down at the pump-out barge, load #86 was not discharged upon the first attempt. After standing by for repairs, load #86 was 'topped off' ie. they loaded more material into the hopper. Observer rechecked load #86 following this 'topping off'.

Following load #88, the port forward box was packed full of mostly rock. After being flushed with water with the gate secured, observer sifted through 80% of rock. Observer satisfied that no parts of an endangered species were present. In fact no biological sample was found what so ever. After discharging load #88 the Eagle-1 is scheduled to take on fuel. Following fueling, dredge will continue to dig in the Kings Bay entrance channel.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: CONGER, GATZKE

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 4 / 2 / 95 Loads: 89

Area(s) Worked: 115+00 → 215+00

Weather Conditions: Clear, N wind 15-20 kts, seas 2-5', 70° H2O Temp 64.5

Condition of all screening apparatus: All inflow boxes in good working condition.

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

Comments: Eagle I took on fuel for most of the day. They resumed digging at 1739 hrs. Following this load, the pump-out barge was having some difficulties. Therefore, load #89 is still in the hopper as they 'agitate' and 'hit spots' until the Proteus is working again. Observer checked this load #89 initially after it was loaded, finding no biological sample in any of the inflow boxes. The boxes will be rechecked by observers before it is ultimately discharged.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: CONGER, GATZKE

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

WEEKLY SUMMARY thru 4/5

Dates: 3/27/95 - 4/2/95 Loads: 73-89 Range of H2O Temp 63°-67°F
Area(s) Worked: sections 100+00 → 215+00

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

Comments: Observers continued to find minimal biological sample in the inflow boxes. What was found included several species of stingrays (cownose rays, southern sting ray, and smooth butterfly ray), some cannonball jellyfish and quite a few live whelks. These are the things that are large enough or rigid enough to be retained in the inflow boxes. The jelly fish were usually retained because pieces of them would get wrapped around the rebar of the gates.

We were digging mostly very clean sand. Occasionally we would run into areas of rock or clay.

There have been no sightings of sea turtles swimming in near by waters. However, the water temperature has stayed well above the 60°F mark throughout the week. The water temperatures have been taken from the tide guage which is located off of the Ft. Clinch pier. These temperatures reflect more of a surface water temperature, however they do reflect a warming trend.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt	4 initial	12+	All dolphins seen in and around channel near dig area - many groups cognted throughout a particular day - see load sheets

Observer(s) On Duty: CONGER, GATZKE

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 4 / 3 / 95 Loads: NA

Area(s) Worked: hitting spots from 115+00 - 215+00

Weather Conditions: clear, winds S 5-10Kts, seas 1', 70°F H2O Temp 64°F

Condition of all screening apparatus: All inflow boxes are in good working condition

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

Comments: There have been no loads taken in the past 24 hours. They have been waiting (with load # 89 still in the hopper) for the dredge Proteus to be repaired. As they 'agitate' and 'top off', observers have checked and cleaned out the boxes periodically during the day.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: CONGER, GATZKE

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 4 / 4 / 95 Loads: NA

Area(s) Worked: 115+00 → 215+00 Clean-up

Weather Conditions: partly cloudy, S winds 10-12kts, seas 2'-4', 72°F H2O Temp 63.7°F

Condition of all screening apparatus: All inflow screening in good working condition.

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

Comments: Eagle I on standby most of the day, waiting for the Proteus to be repaired. Began to discharge load #89 at 1903 hrs. Boxes were again checked before pumping out due to some clean-up digging done while waiting. There continues to be minimal biological sample.

This morning, around 0800 hrs, a member of the shore crew reported seeing a manatee near the supply barge. The supply barge was inside, in the intercoastal waterway in the vicinity of the non-working dredge Western Condor. The animal was reportedly seen "swimming by". They saw the back and flukes of the animal.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
manatee	1	1	see above comments - NO Incident

Observer(s) On Duty: CONGER, GATZKE

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *EAGLE 1* - Kings Bay Entrance Channel
USACE, Jacksonville District

DAILY REPORT

Date: 04/05/95 Loads: 90-91

Area(s) Worked: clean-up

Weather Conditions: cloudy, winds variable 0-15 knots H2O Temp 65-66

Condition of all screening apparatus: Fine

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

Comments: Samples remain mainly rock, wood, clay, shell and trash.
Job completed pumping at 1629
NO incidents

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
NO sightings			

Observer(s) On Duty: Westerman, Gatzke