

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge MANHATTAN ISLAND
Project YORK RIVER ENTRANCE CHANNEL

DAILY REPORT

Date: 08 / 25 / 98 Loads: 7-9

Area(s) Worked: STATIONS 10+00 TO 60+00

Weather Conditions: P. CLOUDY / HAZY; WINDS SE 11-21 KTS; SEAS 2-3 FT.

Range of H₂O Temperature: Surface 80° F Below Mid-Depth 78° F

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

Were there any sightings of large whales (list time, lat/long, distance from dredge and pertinent info):

NA X

 X

Comments: DREDGE MATERIAL SILT WITH SOME CLAY AND ROCK. BIOLOGICAL SPECIMENS INCLUDE BLUE AND HORSESHOE CRABS AND SMALL BAIT FISH. ABIOTIC SAMPLES CONSIST OF ROCK, WOOD, METAL, AND OTHER ASSORTED TRASH.

DREDGING OPERATIONS CEASED FOLLOWING DISPOSAL OF LOAD NUMBER NINE AT 1520 HRS. SHIP HEADED TO SAFE BERTH DUE TO EXPECTED HURRICANE.

THERE WERE NO SIGHTINGS NOR ANY INCIDENTS INVOLVING ENDANGERED SPECIES.

Bridge Watch Summary -- Turtles, Small Cetaceans

| Species | # of Sightings | # of Animals | Comments |
|---------------------|----------------|---------------|---------------|
| <u>NO SIGHTINGS</u> | <u> </u> | <u> </u> | <u> </u> |
| <u> </u> | <u> </u> | <u> </u> | <u> </u> |
| <u> </u> | <u> </u> | <u> </u> | <u> </u> |

Observer(s) On Duty: BRET JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge MANHATTAN ISLAND

Project YORK RIVER ENTRANCE CHANNEL

DAILY REPORT

Date: 08 / 24 / 98 Loads: —

Area(s) Worked: —

Weather Conditions: —

Range of H₂O Temperature: Surface — Below Mid-Depth —

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

Were there any sightings of large whales (list time, lat/long, distance from dredge and pertinent info):

NA X

X

Comments: NO DREDGING OPERATIONS. SHIP AT DOCK, MOON ENGINEERING
NORFOLK, VA. TO WAIT OUT PASSING OF HURRICANE BONNIE.

Bridge Watch Summary -- Turtles, Small Cetaceans

| Species | # of Sightings | # of Animals | Comments |
|---------|----------------|--------------|----------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

Observer(s) On Duty: BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge MANHATTAN ISLAND

Project YORK RIVER ENTRANCE CHANNEL

DAILY REPORT

Date: 08 / 27 / 98 Loads: —

Area(s) Worked: —

Weather Conditions: —

Range of H₂O Temperature: Surface — Below Mid-Depth —

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

Were there any sightings of large whales (list time, lat/long, distance from dredge and pertinent info):

NA X

X

Comments: SHIP REMAINS IN NORFOLK, VA. NO DREDGING OPERATIONS

Bridge Watch Summary -- Turtles, Small Cetaceans

| Species | # of Sightings | # of Animals | Comments |
|----------|----------------|--------------|----------|
| <u>—</u> | <u>—</u> | <u>—</u> | <u>—</u> |
| <u>—</u> | <u>—</u> | <u>—</u> | <u>—</u> |
| <u>—</u> | <u>—</u> | <u>—</u> | <u>—</u> |

Observer(s) On Duty: BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge MANHATTAN ISLAND

Project YORK RIVER ENTRANCE CHANNEL

DAILY REPORT

Date: 08 / 29 / 98 Loads: 10-12

Area(s) Worked: STATIONS 10+00 TO 70+00

Weather Conditions: P. CLOUDY / HAZY; WINDS SOUTH 5-15 KTS; SEAS 1-2 FT.

Range of H₂O Temperature: Surface 80° F Below Mid-Depth 77° F

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

Were there any sightings of large whales (list time, lat/long, distance from dredge and pertinent info):

NA _____ X _____

_____ X _____

Comments: SHIP DEPARTED DOCK IN NORFOLK, VA. @ 0755 HRS. TO RETURN TO DREDGE AREA. DREDGING RESUMED @ 1132 HRS. WITH LOAD # 10.

DREDGE MATERIAL IS SILT WITH SOME CLAY. BIOLOGICAL SPECIMENS CONSIST OF HORSESHOE CRABS AND CRAB PARTS. ABIOTIC SAMPLES INCLUDE METAL, ROCK, WOOD, AND ASSORTED TRASH.

THERE WERE NO INCIDENTS NOR ANY SIGHTINGS OF ENDANGERED SPECIES.

Bridge Watch Summary -- Turtles, Small Cetaceans

| Species | # of Sightings | # of Animals | Comments |
|---------------------|----------------|--------------|----------|
| <u>NO SIGHTINGS</u> | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

Observer(s) On Duty: BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge MANHATTAN ISLAND

Project YORK RIVER ENTRANCE CHANNEL

DAILY REPORT

Date: 08 / 30 / 98 Loads: 16-18

Area(s) Worked: STATIONS 10+00 TO 70+00

Weather Conditions: PARTLY CLOUDY / HAZY ; LIGHT AIRS ; SEAS LIGHT CHOP

Range of H₂O Temperature: Surface 80° F Below Mid-Depth 78° F

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

Were there any sightings of large whales (list time, lat/long, distance from dredge and pertinent info):

NA X

 X

Comments:

DREDGE MATERIAL IS SILT WITH SOME CLAY. BIOLOGICAL SPECIMENS
INCLUDE HORSESHOE AND BLUE CRABS, SHELL AND FLOUNDER. ABIOTIC SAMPLES
CONSIST OF ROCK, WOOD, ROPE, METAL, AND ASSORTED TRASH.

THERE WERE NO INCIDENTS NOR ANY SIGHTINGS OF ENDANGERED SPECIES

Bridge Watch Summary -- Turtles, Small Cetaceans

| Species | # of Sightings | # of Animals | Comments |
|---------------------|----------------|---------------|---------------|
| <u>NO SIGHTINGS</u> | <u> </u> | <u> </u> | <u> </u> |
| <u> </u> | <u> </u> | <u> </u> | <u> </u> |
| <u> </u> | <u> </u> | <u> </u> | <u> </u> |

Observer(s) On Duty: BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge MANHATTAN ISLAND

Project YORK RIVER ENTRANCE CHANNEL

WEEKLY SUMMARY

Dates: 08 / 24 / 98 - 08 / 30 / 98 *Loads: 1-18

Area(s) Worked: STATIONS 10+00 TO 70+00

Range of H₂O Temperature: Surface 80° F Below Mid-Depth 77°-78° F

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

Were there any sightings of large whales (list date, time, lat/long, distance from dredge and pertinent info):

_____ X _____

NA _____

_____ X _____

Comments: * THESE NUMBERS DO NOT REPRESENT CONSECUTIVE LOADS AS BEING OBSERVED. SINCE OBSERVER COVERAGE IS ONLY REQUIRED 12 HRS. PER DAY, AN AVERAGE OF THREE LOADS PER DAY WERE MONITORED.

08/24 OBSERVER BRETT JOHNSON, BOARDED DREDGE AT APPROXIMATELY 0730 HRS. DREDGING OPERATIONS BEGAN AT 0838 HRS. WITH LOAD NUMBER ONE.

08/25 DREDGING OPERATIONS CEASED FOLLOWING DISPOSAL OF LOAD NUMBER NINE AT 1526 HRS. SHIP IN TRANSIT TO SAFE BERTH IN NORFOLK, VA. TO AWAIT PASSING OF HURRICANE

08/26 - 08/28 NO DREDGING OPERATIONS. SHIP AT LAY IN NORFOLK, VA. TO AWAIT PASSING OF HURRICANE BONNIE

08/29 SHIP DEPARTS DOCK IN NORFOLK VA. AT 0755 HRS TO RETURN TO DREDGE AREA. DREDGING RESUMED AT 1132 HRS. WITH LOAD NUMBER TEN.

DREDGE MATERIAL SILT WITH SOME CLAY. BIOLOGICAL SPECIMENS INCLUDE HORSESHOE + BLUE CRAB, SHELL AND FLOUNDER. ABIOTIC SAMPLES INCLUDE METAL, WOOD, ROCK, ROPE AND TRASH

Bridge Watch Summary

| Date | Time | Species | # of Animals & Comments |
|---------------------|-------|---------|-------------------------|
| <u>NO SIGHTINGS</u> | | | |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

OBSERVER BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge MANHATTAN ISLAND
Project YORK RIVER ENTRANCE CHANNEL

DAILY REPORT

Date: 09 / 01 / 18 Loads: 30-33

Area(s) Worked: STATIONS 10+00 TO 70+00

Weather Conditions: PARTLY CLOUDY / HAZY; WINDS NE 10-15KTS; SEAS 2-3'

Range of H₂O Temperature: Surface 80° F Below Mid-Depth 78° F

Are there incidents involving endangered or protected species? Yes No

Were there any sightings of large whales (list time, lat/long, distance from dredge and pertinent info):

NA X
X

Comments:

DREDGE MATERIAL SILT WITH SOME CLAY. BIOLOGICAL SPECIMENS CONSIST OF SHELL, HOORSHOE AND BLUE CRABS AND FLUNDER. ABIOTIC SAMPLES INCLUDE ROCK, ROPE, METAL, AND OTHER ASSORTED TRASH.

THERE WERE NO INCIDENTS INVOLVING ENDANGERED SPECIES NOR ANY SIGHTINGS.

Bridge Watch Summary -- Turtles, Small Cetaceans

| Species | # of Sightings | # of Animals | Comments |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| <u>NO SIGHTINGS</u> | <u> </u> | <u> </u> | <u> </u> |
| <u> </u> | <u> </u> | <u> </u> | <u> </u> |
| <u> </u> | <u> </u> | <u> </u> | <u> </u> |

Observer(s) On Duty: BRET JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge MANHATTAN ISLAND

Project YORK RIVER ENTRANCE CHANNEL

DAILY REPORT

Date: 09 / 05 / 98 Loads: 58-63

Area(s) Worked: STATIONS 70+00 TO 130+00

Weather Conditions: CLEAR SKIES / HAZY ; WINDS N/NW 5-15 KTS; SEAS 1-3'

Range of H₂O Temperature: Surface 80° F Below Mid-Depth 78° F

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

Were there any sightings of large whales (list time, lat/long, distance from dredge and pertinent info):

_____ X _____

NA

_____ X _____

Comments: _____

DREDGE MATERIAL SILT WITH SOME CLAY. BIOLOGICAL SPECIMENS SHELL, HORSESHOE CRABS, AND FLOUNDER. ABIOTIC SAMPLES ROCK, ROPE, METAL, AND ASSORTED TRASH.

THERE WERE NO INCIDENTS.

Bridge Watch Summary -- Turtles, Small Cetaceans

| Species | # of Sightings | # of Animals | Comments |
|---------|----------------|--------------|----------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

Observer(s) On Duty: BRETT JOHNSON

