PECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MRGC

DAILY REPORT

Date: 10 / 21 / 98 **Loads:** 1-6

Area(s) Worked: N 29° 25' W 88° 59

Weather Conditions: PARTLY Cloudy, SEAS 4-8', Wind 15-20 KNOTS

Range of H_2O Temperature: Surface 76 °F Below Mid-Depth 76 °F

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

- DREDGING BEGAN AT 0615 THE FIRST OBSERVED Load was NUMBER 4
- Material dredged is silt + Mud
- Biological Material seen includes Flounder + a skate

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			

Observer(s) On Duty: Stacie Knight, Andrew Jackson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MRGO

DAILY REPORT

Date: 10/22/98 **Loads:** 7-10

Area(s) Worked: N 29°25', W 88°59'

Weather Conditions: PARTLY Cloudy, SEAS 4-10' Wind 20-30 knots

Range of H_2O Temperature: **Surface** 75 °F **Below Mid-Depth** 75 °F

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

- Material dredged was SILT & Mud
- No Biological specimens were SEEN
- DREDGING CEASED at 10:30 due to SEVERE WEATHER

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
(/)			

Observer(s) On Duty: KNIGHT, JACKSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredg STUYVESANT

Project: MRGO

DAILY REPORT

Date: 10/23/98 **Loads:** None

Area(s) Worked: —

Weather Conditions: Cloudy, Seas 5-6 Wind 25-35 KTS

Range of H_2O Temperature: **Surface** — **Below Mid-Depth** —

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

DEPARTED FOR NEW ORLEANS FOR REPAIRS

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: Knight, Jackson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: Mississippi River Gulf Outlet

WEEKLY SUMMARY

Dates: 10/21/98 - 10/24/98 **Loads:** 1-10

Range of H_2O Temperature: **Surface** 75-78 °F **Below Mid-Depth** 75-76 °F

Area(s) Worked: N 29° 25' W 88° 59'

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

Comments:

- DREDGING BEGAN ON 10-21 at 0615
- MATERIAL DREDGED WAS SILT + Mud
- Biological specimens SEEN WERE A Flounder + SKATES
- DREDGING CEASED ON 10-22 DUE TO WEATHER AND REPAIRS

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			

Observers On Duty: STACIE KNIGHT, ANDREW JACKSON

...ECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MRGO

DAILY REPORT

Date: 10/24/98 **Loads:** —

Area(s) Worked: —

Weather Conditions: clear, wind 10 kts

Range of H_2O Temperature: **Surface** — **Below Mid-Depth** —

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

AT NEW ORLEANS DOCK FOR REPAIRS

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: KNIGHT, JACKSON

ENDA' 'ERD SPECIES OBSERVER PRO^RAM

Dredge: STUYVESANT

Project: MRGO

DAILY REPORT

Date: 10/25/99 **Loads:** —

Area(s) Worked: N 29°35' W 88° 59

Weather Conditions: clear, wind 10-15 kts, SEAS 3-4

Range of H_2O Temperature: Surface 76 °F **Below Mid-Depth** 75 °F

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

DEPARTED FROM NEW ORLEANS FOR dredging AREA at 13:00.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			

Observer(s) On Duty: KNIGHT, JACKSON

ENDANGERD SPECIES OBSERVER PROG. .M

Dredge: STUYVESANT

Project: Mississippi River Gulf Outlet

DAILY REPORT

Date: 10 / 26 / 98 **Loads:** 11-15

Area(s) Worked: N 29°25' W 88°59'

Weather Conditions: clear, wind 5-15 Kts. Seas 2-4

Range of H_2O Temperature: Surface 76 °F **Below Mid-Depth** 75-74 °F

Condition of all screening apparatus: Excellent

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

Comments (type of material being dredged, biological specimens, etc.):

- MATERIAL DREDGED WAS SAND + SILT
- Biological SPECIMENS SEEN WERE Whelk, Skates + GRASS
- Other DEBRIS included Net, Plastic + wood
- DREDGING with Starboard side only

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			

Observer(s) On Duty: Steve Knight, Andrew Jackson

NOV 04 '98 09:24AM CELMN-CD-NO-Q

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MISSISSIPPI River GULF Outlet

DAILY REPORT

Date: 10/27/98 **Loads:** 16 - 21

Area(s) Worked: N 29° 25' W 88° 59

Weather Conditions: CLEAR, WIND 10-15 Knots, SEAS 3-5'

Range of H_2O Temperature: Surface 74-73 °F **Below Mid-Depth** 74-73 °F

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

- MATERIAL DUG WAS SAND + SILT
- Biological SPECIMENS SEEN include GRASS, SKATES, + lightning whelks
- DREDGING WITH THE STARBoard SIDE ONLY

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			

Observer(s) On Duty: ANDREW JACKSON, STACIE KNIGHT

NOV 04 '98 09:24AM CELMN-CD-NO-O P.8

ENDANGERD SPECIES OBSERVER PROG..AM

Dredge: STUYVESANT

Project: Mississippi River Gulf Outlet

DAILY REPORT

Date: 10/28/98 **Loads:** 22-27

Area(s) Worked: N 29° 25' W 88° 59'

Weather Conditions: Clear, wind 15-20 Knots, SEAS 4'-6'

Range of H_2O Temperature: Surface 72 °F **Below Mid-Depth** 72 °F

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

- MATERIAL DREDGED WAS Fine SAND & SILT
- Biological MATERIAL SEEN INCLUDED MOON SNAILS, lightning whelk, Star Fish, & GRASS
- other debris INCLUDED MET, Plastic & wood
- DREDGING WITH Starboard side only

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	12	IN DUMPSITE

Observer(s) On Duty: A. JACKSON, S. KNIGHT

NOV 04 '98 09:24AM CELMN-CD-NO-Q

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MRGO

DAILY REPORT

Date: 10/29/98 **Loads:** N/A

Area(s) Worked: N/A

Weather Conditions: clear, wind 5-10 knots

Range of H_2O Temperature: Surface — Below Mid-Depth —

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

- AT the Venice Dock For REPAIRS

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			

Observer(s) On Duty: A. JACKSON, S. KNIGHT

NOV 04 '98 09:24AM CELMN-CD-NO-Q

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: Mississippi River Gulf Outlet

DAILY REPORT

Date: 10/30/98 **Loads:** NONE

Area(s) Worked: NONE

Weather Conditions: CLEAR, wind 10 KNOTS

Range of H_2O Temperature: **Surface** — **Below Mid-Depth** —

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

- IN VENICE DOCK FOR REPAIRS

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
0			

Observer(s) On Duty: ANDREW JACKSON, STACIE KNIGHT

NOV 04 '98 09:23AM CELMN-CD-NO-Q

ENDAN ERD SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: Mississippi River Gulf Outlet

DAILY REPORT

Date: 10/31/98 **Loads:** None

Area(s) Worked: None

Weather Conditions: Clear, wind 10-15 knots

Range of H_2O Temperature: **Surface** — **Below Mid-Depth** —

Condition of all screening apparatus: Excellent

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

Comments (type of material being dredged, biological specimens, etc.):

-DEPARTED VENICE AT 1230 AND ARRIVED AT DREDGE SITE AT 2335

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: Andrew Jackson, Stacie Lovett

NOV 04 '98 09:23AM CELMN-CD-NO-Q

ENDA' 'ERD SPECIES OBSERVER PRO' 'AM

Dredge: STUYVESANT

Project: MISSISSIPPI RIVER GULFOUTLET

WEEKLY SUMMARY

Dates: 10/25/98 - 10/31/98 **Loads:** 11 - 27

Range of H_2O Temperature: **Surface** 76 - 73 °F **Below Mid-Depth** 75 - 72 °F

Area(s) Worked: N 29° 25' W 88° 59'

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

Comments:

- MATERIAL DREDGED WAS FINE SAND And SILT
- BIOLOGICAL SPECIMENS SEEN IN DISCHARGE Boxes included RAYS, SKATES, WHELKS, + GRASS
- OTHER DEBRIS FOUND WAS Wood, NET, + TRASH
- VESSEL WAS AT VENICE DOCK FROM 10/29 through 10/31 FOR REPAIRS

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Turtles turtles	1	12	AT THE DUMPSITE

Observers On Duty: Andrew JACKSON, STACIE KNIGHT

NOV 04 '98 09:23AM CELMN-CD-NO-O

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MISSISSIPPI River GULFPORT

DAILY REPORT

Date: 11 / 1 / 98 **Loads:** 28 - 33

Area(s) Worked: N 29° 25' W 88° 59'

Weather Conditions: PARTLY Cloudy, wind 5-15 knots, SEAS CALM

Range of H_2O Temperature: **Surface** 73 °F **Below Mid-Depth** 72 °F

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

- MATERIAL DREDGED WAS FINE SAND
- Biological SPECIMENS SEEN included: GRASS, WHELKS, + Stage RAY
- Other DEBRIS Found consisted of wood, Plastics + trash

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: ANDREW JACKSON, STACIE KNIGHT

NOV 04 '98 09:22AM CELMN-CD-NO-Q

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MISSISSIPPI River GulfOutlet

DAILY REPORT

Date: 11/2/98 **Loads:** 34 - 39

Area(s) Worked: N29°25' W88°59'

Weather Conditions: PARTLY Cloudy, wind 10-15 Knots, seas 2-4

Range of H_2O Temperature: Surface 74-75 °F **Below Mid-Depth** 73 °F

Condition of all screening apparatus: Excellent

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

Comments (type of material being dredged, biological specimens, etc.):

- MATERIAL DREDGED WAS Fine SAND + SILT
- Biological specimens SEEN Included: Skate, Flounder + WHELK

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: Steve Knight, Andrew Jackson

ENDAN ERD SPECIES OBSERVER PROG AM

Dredge: STUYVESANT

Project: MRGO

DAILY REPORT

Date: 11 / 3 / 98 **Loads:** 40 -45

Area(s) Worked: N 29° 25 W 88° 59

Weather Conditions: Cloudy, wind 5-10 KTS, SEAS 2-3'

Range of H_2O Temperature: **Surface** 73 °F **Below Mid-Depth** 73-72 °F

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

- MATERIAL DREDGED WAS FINE SAND
- Biological SPECIMENS SEEN IN DISCHARGE BOX INCLUDED DRUM, FLOUNDER, STING RAY + WHELKS
- OTHER DEBRIS consisted of Wood, Rock, + TRASH

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			

Observer(s) On Duty: ANDREW JACKSON, STACIE KNIGHT

ENDAN RD SPECIES OBSERVER PROG AM

Dredge: STUYVESANT

Project: MRGO

DAILY REPORT

Date: 11/14/98 **Loads:** 46 - 52

Area(s) Worked: N 29° 25 W 88° 59'

Weather Conditions: PARTLY Cloudy, Wind Knots, SEUS

Range of H_2O Temperature: Surface 73 °F **Below Mid-Depth** 72 °F

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

- MATERIAL DREDGED WAS FINE SAND + CLAY
- Biological SPECIMENS SEEN WERE STING RAY, and whelk
- Other DEBRIS INCLUDES WOOD + TRASH

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TURSIOPS truncatus	1	2	Near Buoy # 1

Observer(s) On Duty: ANDREW JACKSON, STACIE KNIGHT

ENDA' 'ERD SPECIES OBSERVER PRO' 'AM

Dredge: STUYVESANT

Project: Mississippi River Gulf outlet

DAILY REPORT

Date: 11 / 5 / 98 **Loads:** 53 - 59

Area(s) Worked: N 29° 25' W 88° 54'

Weather Conditions: PARTY Cloudy, Wind 30-45 Knots, SEAS 4-6

Range of H_2O Temperature: Surface 72 °F **Below Mid-Depth** 71 °F

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

- MATERIAL DREDGED WAS FINE SAND AND SILT
- BIOLOGICAL SPECIMENS SEEN INCLUDED Cobia, DRUM, Sting RAY, EEL, & lightning whelk

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			

Observer(s) On Duty: ANDREW JACKSON, STACIE KNIGHT

ENDAN ERD SPECIES OBSERVER PROG AM

Dredge: STUYVESANT

Project: Mississippi River Gulf Outlet

DAILY REPORT

Date: 11 16 '98 Loads: 60- 67

Area(s) Worked: N 29° 25' W 88° 59'

Weather Conditions: PARTLY Cloudy wind 15-20 knots, SEAS 3-4

Range of H_2O Temperature: Surface 69-68 °F Below Mid-Depth 68-67 °F

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

- MATERIAL DREDGED was FINE SAND, SILT, And CLAY
- Biological SPECIMENS SEEN WERE Flounder, Stingray, SKATES, and WHELKS
- OTHER DEBRIS Found was wood and TRASH

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			

Observer(s) On Duty: ANDREW JACKSON, STACIE KNIGHT

ENDAN ERD SPECIES OBSERVER PROG AM

Dredge: STUYVESANT

Project: MRGO

DAILY REPORT

Date: 11 17 1998 Loads: 68 - 75

Area(s) Worked: N 29° 25' W 88° 59

Weather Conditions: clear, wind 10-15 Knots, SEAS 3-4

Range of H_2O Temperature: Surface 68 °F Below Mid-Depth 68 °F

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

- MATERIAL DREDGED WAS FINE SAND
- BIOLOGICAL SPECIMENS SEEN INCLUDES STINGRAYS + WHELKS

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			

Observer(s) On Duty: ANDREW JACKSON / STACIE KNIGHT

END/ GERD SPECIES OBSERVER PRC RAM

Dredge: STUYVESANT

Project: Mississippi River Gulf Outlet

WEEKLY SUMMARY

Dates: 11/1/98 - 11/7/98 **Loads:** 28 - 75

Range of H_2O Temperature: **Surface** 74-68 °F **Below Mid-Depth** 73-67 °F

Area(s) Worked: N 29° 25' W 88° 59'

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

Comments:

- MATERIAL DREDGED was FINE SAND, SILT, and clay
- Biological SPECIMENS FOUND WERE STING RAYS, SKATE, DRUM, Flounder, whelk, COBIA, EEL
- OTHER DEBRIS INCLUDED wood, TRUSH + GRASS

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	2	in Channel

Observers On Duty: ANDREW JACKSON, STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: Mississippi River Gulf Outlet

DAILY REPORT

Date: 11 / 8 / 98 Loads: 76 - 82

Area(s) Worked: N 29°25 W 88°59

Weather Conditions: Clear, wind + SEAS CALM

Range of H_2O Temperature: Surface 65-64 °F Below Mid-Depth 64-62 °F

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

- MATERIAL DREDGED WAS FINE SAND AND CLAY
- Biological SPECIMENS FOUND WERE a Flounder, WHELKS, and skates

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	9	Near Buoys # 1 and # 2

Observer(s) On Duty: Stacie Knight / Andrew Jackson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MISSISSIPPI RIVER GULF Outlet

DAILY REPORT

Date: 11 / 9 / 98 Loads: 83- 89

Area(s) Worked: N 29° 25' W 88° 59'

Weather Conditions: PARTLY cloudy, seas 1-2', wind 5-10 KTS

Range of H_2O Temperature: Surface 64-63 °F Below Mid-Depth 63 °F

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

- Material Dredged was Fine SAND and SLT
- Biological SPECIMENS SEEN included STING RAY and CATFISH
- Other DEBRIS consisted OF wood, shell + trash

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: STACIE KNIGHT, ANDREW JACKSON

ENDAN ERD SPECIES OBSERVER PROG AM

Dredge: STUYVESANT

Project: MISSISSIPPI RIVER GULF OUTLET

DAILY REPORT

Date: 11 / 10 / 98 **Loads:** 90 - 96

Area(s) Worked: N 29° 25' W 88° 59'

Weather Conditions: cloudy, RAINY wind 5-10 KNOTS, SEAS 3'-5'

Range of H_2O Temperature: Surface 64-63 °F **Below Mid-Depth** 63-62 °F

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

- Material Dredged was SAND and clay
- Biological SPECIMENS FOUND included Flounder + whelk
- Other Debris consisted of wood and trash

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	2	In DUMP area

Observer(s) On Duty: STACIE KNIGHT, ANDREW JACKSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: Mississippi River Gulf Outlet

DAILY REPORT

Date: 11 / 11 / 98 **Loads:** None

Area(s) Worked: None

Weather Conditions: Partly Cloudy, wind 10 Kts

Range of H_2O Temperature: **Surface** — **Below Mid-Depth** —

Condition of all screening apparatus: Excellent

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

Comments (type of material being dredged, biological specimens, etc.):

VESSEL DOCKED AT JOURDAN Road WHARF
FOR FUEL AND REPAIRS

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			

Observer(s) On Duty: STACIE KNIGHT, ANDREW JACKSON

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT 99-C-0004 LHD 3-98

Project: MISSISSIPPI RIVER GULF OUTLET

DAILY REPORT

Date: 1/12/98 **Loads:** 97-103

Area(s) Worked: N 29° 25' W 88° 59'

Weather Conditions: Cloudy, wind 10-15 Knots, seas 3-5'

Range of H_2O Temperature: Surface 68 °F **Below Mid-Depth** 66 °F

Condition of all screening apparatus: Excellent

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

Comments (type of material being dredged, biological specimens, etc.):

- Material dredged was FINE SAND and SILT
- BIOLOGICAL MATERIAL SEEN included: Flounder, Skates, & Whelks

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: ANDREW JACKSON, STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: Mississippi River Gulf Outlet

DAILY REPORT

Date: 11 / 13 / 98 **Loads:** 104 - 111

Area(s) Worked: N 29°25' W 88°59'

Weather Conditions: Cloudy wind 5-10 knots, seas 2-4'

Range of H_2O Temperature: Surface 69-68 °F Below Mid-Depth 68-67 °F

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

- MATERIAL DREDGED WAS FINE SAND
- Biological SPECIMENS SEEN included whelks
- OTHER DEBRIS consisted of wood and TRASH

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: ANDREW JACKSON, STACIE KNIGHT

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: TUYVESANT

Project: MISSISSIPPI RIVER GULF OUTLET

DAILY REPORT

Date: 11 / 14 / 95 Loads: 112-120

Area(s) Worked: N 29° 25 W 88° 59'

Weather Conditions: Cloudy wind 5-10 knots, Seas 2-4

Range of H_2O Temperature: Surface 69 °F Below Mid-Depth 68 °F

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

- MATERIAL DREDGED WAS FINE SAND

- NO BIOLOGICAL MATERIAL WAS SEEN

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: STACIE KNIGHT, ANDREA THOMPSON

ENDA..GERD SPECIES OBSERVER PR..GRAM

Dredge: STUYVESANT

Project: Mississippi River Gulf Outlet

WEEKLY SUMMARY

Dates: 11 / 8 / 98 - 11 / 14 / 98 Loads: 76 - 120

Range of H_2O Temperature: Surface 64-63 °F Below Mid-Depth 68-62 °F

Area(s) Worked: N 29° 25 W 88° 59'

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

Comments:

- MATERIAL DREDGED WAS FINE SAND, SILT, AND CLAY
- Biological MATERIAL SEEN IN SCREENS INCLUDED: Rays, Skate, Flounder + whelks
- OTHER DEBRIS Found consisted of wood AND TRASH
- ALL SCREENS are in Excellent condition

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	9	In Dump area
"	1	2	Near Buoys # 1 AND 2

STAGE KNIGHT ANDREW [illegible]

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: Mississippi River Gulf Outlet

DAILY REPORT

Date: 11 / 15 / 98 **Loads:** 121 - 127

Area(s) Worked: N 29°25' W 88°59'

Weather Conditions: cloudy, RAIN, wind 5-10 KNOTS, SEAS 2-3

Range of H_2O Temperature: **Surface** 64-68 °F **Below Mid-Depth** 67 °F

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

- MATERIAL DREDGED WAS FINE SAND
- Biological MATERIAL SEEN indide a Flounder, Skate, and whelks

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			

Observer(s) On Duty: ANDREW JACKSON STACIE KNIGHT

Dredge: STUYVESANT

Project: Mississippi River Gulf Outlet

DAILY REPORT

Date: 11 / 16 / 98 Loads: 128 - 135

Area(s) Worked: N 29° 25' W88° 59'

Weather Conditions: cloudy, wind 0-5 KNOTS seas 1-3

Range of H_2O Temperature: Surface 69-68 °F Below Mid-Depth 68 °F

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

- MATERIAL DREDGED WAS SAND

- Biological SPECIMENS SEEN IN SCREENS: FLOUNDER, SEASTAR, Skate + Whelk

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			

Observer(s) On Duty: ANDREW JACKSON STACIE KNIGHT

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: Mississippi River Gulf outlet

DAILY REPORT

Date: 11 / 17 / 98 **Loads:** 137 - 144

Area(s) Worked: N 29° 25' W 89° 59'

Weather Conditions: cloudy, wind 10-15 KNOTS, SEAS 2'-3'

Range of H_2O Temperature: **Surface** 69 - 68 °F **Below Mid-Depth** 69-66 °F

Condition of all screening apparatus: Excellent

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

Comments (type of material being dredged, biological specimens, etc.):

MATERIAL DREDGED WAS FINE SAND

BIOLOGICAL SPECIMENS SEEN WERE:
Skate & Sting RAY

OTHER DEBRIS WAS wood AND TRASH

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			

Observer(s) On Duty: ANDREW JACKSON STACIE KNIGHT

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge STUYVESANT

Project: Mississippi River Gulf outlet

DAILY REPORT

Date: 11 / 18 / 98 **Loads:** 145 - 152

Area(s) Worked: N 29° 25' W 88° 59'

Weather Conditions: PARTLY Cloudy, Wind 10 Knots, SEAS 2'-3'

Range of H_2O Temperature: Surface 68 °F **Below Mid-Depth** 67 °F

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

- MATERIAL DREDGED WAS FINE SAND
- Biological SPECIMENS SEEN consisted OF 3 Flounder

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: STACIE KNIGHT ANDSEN JACKSON

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge. STUYVESANT

Project: Mississippi River Gulf Outlet

DAILY REPORT

Date: 11 / 19 / 98 Loads: 153 – 158

Area(s) Worked: N 29° 25' W 88° 59'

Weather Conditions: CLEAR + CALM

Range of H_2O Temperature: Surface 68 °F Below Mid-Depth 67 °F

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

- MATERIAL DREDGED WAS FINE SAND
- NO BIOLOGICAL SPECIMENS WERE OBSERVED IN SCREENS
- OTHER DEBRIS FOUND included wood, shell + TRASH

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: STACIE KNIGHT ANDREW JACKSON

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MISSISSIPPI RIVER GULF outlet

DAILY REPORT

Date: 11 / 20 / 98 Loads: 159 - 165

Area(s) Worked: N 29° 25' W 88° 59'

Weather Conditions: Cloudy + CALM

Range of H_2O Temperature: Surface 68 °F Below Mid-Depth 67 °F

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

- MATERIAL DREDGED WAS FINE SAND
- BIOLOGICAL SPECIMEN'S SEEN IN SCREENS WERE LIMITED TO ONE DRUM

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			

Observer(s) On Duty: STAIE KNIGHT, ANDREW JACKSON

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: Mississippi River Gulf Outlet

DAILY REPORT

Date: 11 / 21 / 98 **Loads:** 166 - 172

Area(s) Worked: N 29° 25' W 89° 59'

Weather Conditions: RAIN, Cloudy, Wind 45-55 Knots Seas 4-7

Range of H_2O Temperature: Surface 70-69 °F **Below Mid-Depth** 68-67 °F

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

- MATERIAL DREDGED WAS FINE SAND
- THE ONLY BIOLOGICAL SPECIMEN FOUND WAS A JACK

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	5	Near Buoy #14

Observer(s) On Duty: STACIE KNIGHT, ANDREW JACKSON

ENDA' 'ERD SPECIES OBSERVER PRO'RAM

Dredge: STUYVESANT

Project: MISSISSIPPI RIVER GULF OUTLET

WEEKLY SUMMARY

Dates: 11/15/98 - 11/21/98 Loads: 121- 172

Range of H_2O Temperature: Surface 70-68 °F Below Mid-Depth 69 - 66 °F

Area(s) Worked: N 29° 25' W 88° 59'

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

Comments:

- MATERIAL DREDGED WAS FINE SAND
- Biological SPECIMENS SEEN IN SCREENS INCLUDE: Flounder, JACK, DRUM, Skate, STINGRAY, SEASTAR, and WHELKS
- Biological SPECIMENS ARE INFREQUENT IN the SCREENING apparatus
- OTHER DEBRIS consisted of wood, SHELL, and TRASH

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	5	NEAR Buoy #14

Observers On Duty: STACIE KNIGHT ANDREW JACKSON

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: Mississippi River GULF OUTLET

DAILY REPORT

Date: 11 / 22 / 98 Loads: 173 - 179

Area(s) Worked: N 29° 35' W 88° 59'

Weather Conditions: RAIN, Cloudy, Wind 15-40 Kts, Seas 4-6'

Range of H_2O Temperature: Surface 69-68 °F Below Mid-Depth 66 °F

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

- MATERIAL DREDGED IS FINE SAND
- Biological SPECIMENS FOUND include 3 Flounder and a STING RAY

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	1	in the Dump area

Observer(s) On Duty: ANDREW JACKSON STACIE KNIGHT

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Dredge. STUYVESANT

Project: MISSISSIPPI RIVER GULF OUTLET

DAILY REPORT

Date: 11 / 23/98 Loads: 178 – 186

Area(s) Worked: N 29° 35' W 88° 59'

Weather Conditions: Foggy, Cloudy, Wind 5-10 Knots, Seas 1-3

Range of H_2O Temperature: Surface 70 °F Below Mid-Depth 68 °F

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

- MATERIAL DREDGED WAS FINE SAND
- Biological SPECIMENS SEEN IN SCREENS WERE LIMITED TO ONE Skate and a Flounder

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			

Observer(s) On Duty: ANDREW JACKSON, STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: Mississippi River Gulf Outlet

DAILY REPORT

Date: 11/24/98 **Loads:** 187 - 193

Area(s) Worked: N 29° 25' W 88° 59'

Weather Conditions: PARTLY Cloudy, Wind 15-25 knots, seas 1-3

Range of H_2O Temperature: Surface 69-68 °F Below Mid-Depth 67 °F

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

- MATERIAL DREDGED WAS FINE SAND
- BIOLOGICAL SPECIMENS SEEN INCLUDE: SKATE, DOGFISH, RAY, AND WHALE
- OTHER DEBRIS FOUND CONSISTED OF WOOD + TRASH

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: ANDREW JACKSON, STACIE KNIGHT

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Dredge: STUYVESANT

Project: MISSISSIPPI RIVER GULF OUTLET

DAILY REPORT

Date: 11 / 25 / 98 Loads: 194 – 200

Area(s) Worked: N 29° 35' W 88° 59'

Weather Conditions: Clear, wind 15-20 KNOTS, SEAS 2'-3'

Range of H_2O Temperature: Surface 68 °F Below Mid-Depth 67 °F

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

- MATERIAL DREDGED WAS FINE SAND + SILT
- No Biological SPECIMENS WERE FOUND in The SCREENS

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: ANDREW JACKSON, STACIE KNIGHT

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Dredge: STUYVESANT

Project: MISSISSIPPI RIVER GULF OUTLET

DAILY REPORT

Date: 11 / 26 / 98 **Loads:** 201 - 208

Area(s) Worked: N 29° 25' W 88° 59'

Weather Conditions: Clear, Wind 15-30 Knots, SEAS

Range of H_2O Temperature: Surface 70 °F Below Mid-Depth 68 °F

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

- MATERIAL DREDGED WAS FINE SAND AND SILT

- NO BIOLOGICAL SPECIMENS WERE FOUND IN THE SCREENS OR DRAG-HEADS

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			

Observer(s) On Duty: ANDREW JACKSON, STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MISSISSIPPI RIVER GULF OUTLET

DAILY REPORT

Date: 11/27/98 **Loads:** 209- 217

Area(s) Worked: N 29° 25' W 89° 59'

Weather Conditions: CLEAR AND CALM

Range of H_2O Temperature: **Surface** 69-68 °F **Below Mid-Depth** 68-67 °F

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

- MATERIAL DREDGED WAS FINE SAND AND SILT
- BIOLOGICAL SPECIMENS SEEN INCLUDED STINGRAY AND SEASTAR

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	1	in the Dump AREA

Observer(s) On Duty: ANDREW JACKSON, STACIE KNIGHT

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MISSISSIPPI RIVER GULF OUTLET

DAILY REPORT

Date: 11 / 30 / 98 **Loads:** 235 – 242

Area(s) Worked: N 29° 25' W 88° 54'

Weather Conditions: PARTLY CLOUDY, WARM STORM SEAS 1-3

Range of H_2O Temperature: Surface 68° °F Below Mid-Depth 67° °F

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

MATERIAL DREDGED WAS FINE SAND AND SILT

Biological specimens consisted of 1 flounder

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Ø			

Observer(s) On Duty: ANDREW JACKSON, STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge EAGLE 1

Maintenance Dredging - 1998 - MRGO, VENICE, LA.
USACE, NEW ORLEANS DISTRICT

DAILY REPORT

Date 11/30/98 Leader T-S

Area(s) Worked: STATIONS 3801+50 TO 3749+00

Weather Conditions: MOSTLY CLEAR & SUNNY, LT BREEZE, CALM SEAS. TEMP 66°F

Range of H_2O Temperature: Surface 21-22°C Below Mid-Depth 22°C

Condition of all screening apparatus: EXCELLENT

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

Comments (type of material being dredged, biological specimens, etc.):

AREAS WORKED - CHANNEL FROM ROUGHLY MID-WAY BETWEEN THE "G5" & "G7" CHANNEL MARKERS TO THE "G9"/"R10"
N 29°27' x W 89°03'

EAGLE 1 ARRIVED & BEGAN WORK AT 0907 HRS. JOINING THE OUACHITA, STUYVESANT & MCFARLAND.

DIGGING VERY VERY FINE GREY SAND

DRAGHEADS & DISCHARGE PIPES HAVE BEEN CLEAN EXCEPT FOR ONE WHELK, ONE MANGLED NAKI NAKI & ONE CHUNK METAL.

TURTLE OBSERVER PROGRAM TERMINATED AT 2400 HRS AS PER SPEC'S

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Turtles	1	~7	@ 1221 Hrs across channel from "G9"

Observer(s) On Duty: John Kuecht