ENDANGERED SPECIES OBSERVER PROGRAM

# WEEKLY SUMMARY

**Project Name:** MIAMI HARBOR DEEPENING PROJECT **USACE District:** JACKSONVILLE

**Dredge Name:** NORTHERLY ISLAND **Dredge Firm:** GREAT LAKES DREDGE & DOCK

**Contract #** W912-EP-04-C0024 **Maintenance** X / **New Work** ____

**DATES:** 03/APR/06 - 09/APR/06 **LOADS #s:** 40 - 67

**Areas worked (stations, etc):** Government Cut Seg 1, 2 & 3, Turning Basin

**Locations,** **Lat/Long:** N 25° 45.8' x W 80° 07.8

**Lat/Long:** N 25° 46.8' x W 80° 10.2

**Were there incidents involving endangered or protected species?** **YES** ____ **NO** X

**Which species?** N/A

**Comments:**

MATERIAL DREDGED WAS SAND, CORAL & SILT

THERE WERE NO INCIDENTS INVOLVING PROTECTED OR ENDANGERED SPECIES

## BRIDGE WATCH SUMMARY

| Date/Time | Species | # Sightings/# Animals | Location/Comments |
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**Observers Names** B. Cline / P. Westerman

**Observer Firm** Coastwise Consulting

**ENDANGERED SPECIES OBSERVER PROGRAM**

# WEEKLY SUMMARY

**Project Name:** Miami Harbor Deepening **USACE District:** Jacksonville

**Dredge Name:** Northerly Island **Dredge Firm:** Great Lakes Dredge + Dock

**Contract #** W-912-EP-04 C0024 **Maintenance** x / **New Work** ____

**DATES:** 3/27/06 - 4/2/06 **LOADS #s:** 11 - 39

**Areas worked (stations, etc):** Cruise Ship Turning Basin, Government Cut Seg 1+

**Locations,** **Lat/Long:** N 25° 45.8' x W 80° 07.8'

**Lat/Long:** N 25° 46.8' x W 80° 10.8'

**Were there incidents involving endangered or protected species?** **YES** ____ **NO** X

**Which species?** ____

**Comments:** Material dredged was sand, rock and coral while in Government Cut. In the turning basin the material was sand, mud and silt.

Rocks and garbage clogged the screens so severally during 3 loads that they needed to be left open after 1 hour of an approximately 2 hour load. Screening on the skimmer (overflow) is permanently in place.

There were incidents with endangered or protected species.

## BRIDGE WATCH SUMMARY

| Date/Time | Species | # Sightings/# Animals | Location/Comments |
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| 3/31 All day | T. truncatus | several / | Cruise Ship Turning Basin |
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**Observers Names** Peter Westerman, Becky Cline

**Observer Firm** Coastwise Consulting

**ENDANGERED SPECIES OBSERVER PROGRAM**

# WEEKLY SUMMARY

**Project Name:** Miami Harbor Deepening **USACE District:** Jacksonville

**Dredge Name:** Northerly Island **Dredge Firm:** Great Lakes Dredge + Dock

**Contract #** W912EP-04-C-0024 **Maintenance** x / **New Work** ____

**DATES:** 3/24/06 - 3/26/06 **LOADS #s:** 1 - 10

**Areas worked (stations, etc):** Green buoys 7, 8, 9, Sections 1-2, Pilots 12-16

**Locations,** **Lat/Long:** N 25° 45'. 40" x W 80° 06'. 00"

**Lat/Long:** N 25° 45'. 60" x W 80° 06'. 50"

**Were there incidents involving endangered or protected species?** **YES** ____ **NO** x

**Which species?** ____

**Comments:** Material dredged was sand + silt.

Large amounts of coral and garbage need to be cleaned from the discharge boxes. The aft boxes were left open for 5 cuts during load #8 due to excessive amounts of debris and blown top hatches.

There were no incidents involving endangered or protected species.

## BRIDGE WATCH SUMMARY

| Date/Time | Species | # Sightings/# Animals | Location/Comments |
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**Observers Names** Peter Westerman, Becky Cline

**Observer Firm** Coastwise Consulting

**ENDANGERED SPECIES OBSERVER PROGRAM**

# WEEKLY SUMMARY

**Project Name:** MIAMI HARBOR DEEPENING PROJECT **USACE District:** JACKSONVILLE

**Dredge Name:** NORTHERLY ISLAND **Dredge Firm:** GREAT LAKES DREDGE & DOCK

**Contract #** W912EP-04-C-0024 **Maintenance** X / **New Work** ____

**DATES:** 09 / APR / 06 - 13 / APR / 06 **LOADS #s:** # 2 - 71

**Areas worked (stations, etc):** ~~Turning Basin~~ BC / North End of Cruise Ship Terminal

**Locations, Lat/Long:** N 25° 46.8' x W 80° 10.2'

**Lat/Long:** N 25° 46.4' x W 80° 10.4'

**Were there incidents involving endangered or protected species?** YES ____ NO X

**Which species?** N/A

**Comments:**

MATERIAL DREDGED WAS SILT

THERE WERE NO INCIDENTS INVOLVING PROTECTED OR ENDANGERED SPECIES

11 APR 06: DELAY DUE TO PROPELLER ENTANGLEMENT, ENVIRONMENTAL OBSERVERS ON STANDBY AS OF 1100
12 APR 06: DREDGE AT DOCK FOR COAST GUARD INSPECTION, ON STANDBY
13 APR 06: DREDGE WORKS IN CRUISE TERMINAL, ENV. OBSERVER B. CLINE ONBOARD

*P. Westerman has all other paperwork, unsure of beginning load # for week

## BRIDGE WATCH SUMMARY

| Date/Time | Species | # Sightings/# Animals | Location/Comments |
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**Observers Names** B. Cline / P. Westerman

**Observer Firm** Coastwise Consulting

**ENDANGERED SPECIES OBSERVER PROGRAM**

# DAILY REPORT

**DATE:** 4 / 5 / 06

**Project Name:** Miami Harbor Deepening **USACE District:** Jacksonville

**Dredge Name:** Northerly Island **Dredge Firm:** Great Lakes Dredge + Dock

**Contract #** W912EP-04-C0024 **Maintenance** X / **New Work** ____

**Load #s:** 49 - 52 **Areas worked (stations, etc):** Government Cut Segments 1-2 Turning basin

**Location, Lat/Long:** N 25° 45.8' x W 80° 07.8' Government Turning Basin
(25° 46 8' 80° 10 2')

**Beaufort Sea State:** 0 1 (2) 3 4 5 6 7 8 9 10 11 12

**AIR TEMP:** 75-85° °C / °F **Wind Direction and Speed** SE 10-15 kts

**WATER TEMP:** **Surface** 72° °C / °F **Column (mid-depth)** _____ °C / °F **Bottom** _____ °C / °F

**Condition of deflector:** good **Condition of screening:** good

**Were there incidents involving endangered or protected species?** **YES** ____ **NO** X

**Which species? (complete incident form(s))** _____

**Comments (type of material, biological specimens, unusual circumstances, etc):**

Material dredged was sand, rock and coral in the jetties and mud a silt in the turning basin.

Rock and coral continue to clog the boxes once or twice a cut and were opened during the last half of 2 loads

There were no incidents with endangered or protected species.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observers Names** P Westerman, B Cline

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

DATE: 4 / 4 / 06

Project Name: Miami Harbor Deepening USACE District: Jacksonville

Dredge Name: Northerly Island Dredge Firm: Great Lakes Dredge + Do

Contract # W912-EP-04-C0024 Maintenance X / New Work ____

Load #s: 45 - 48 Areas worked (stations, etc): NE corner of Government c Turning Basin ↙Seg 1

Location, Lat/Long: N 25° 45.8' x W 80° 07.8' Governmen
25 46.8' 80° 10 2' Turning Bas

Beaufort Sea State: 0 (1) (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 73° - 85° °C / °(F) Wind Direction and Speed SE → W 5-10 Kts

WATER TEMP: Surface 70°-72° °C / °(F) Column (mid-depth) — °C / °F Bottom — °C / °F

Condition of deflector: good Condition of screening: good

Were there incidents involving endangered or protected species? YES ____ NO X

Which species? (complete incident form(s)) ____

Comments (type of material, biological specimens, unusual circumstances, etc):
Material dredged in the jetties was rock, sand, and coral.
Material dredged in the turning basin was mud silt and garbag
Almost every cut in the jetties needs to be checked and
cleaned. A half dozen fish were found in the boxes.
There were no incidents with endangered or protected species

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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Observers Names P Westerman B Cline

Observer Firm Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

DATE: 03 / APR / 06

Project Name: MIAMI HARBOR DEEPENING PROJECT USACE District: JACKSONVILLE

Dredge Name: NORTHERLY ISLAND Dredge Firm: GREAT LAKES DREDGE & DOCK

Contract # W912-EP-04-C0024 Maintenance X / New Work ____

Load #s: 40 - 44 Areas worked (stations, etc): Turning Basin

Location, Lat/Long: N 25 ° 46.8 x W 80 ° 10.2

Beaufort Sea State: 0 (1) 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 73-83 °C (°F) Wind Direction and Speed SE 5

WATER TEMP: Surface 71 °C (°F) Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

Condition of deflector: good Condition of screening: good

Were there incidents involving endangered or protected species? YES ____ NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

MATERIAL DREDGED WAS MUD/SILT

THERE WERE NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

THERE WERE NO MANATEE SIGHTINGS

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| ALL DAY | T. truncatus | several / several | rolling / feeding in turning basin |
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Observers Names Becky Cline, Peter Westerman

Observer Firm Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

DATE: 4 / 2 / 06

Project Name: Miami Harbor Deepening USACE District: Jacksonville

Dredge Name: Northerly Island Dredge Firm: Great Lakes Dredge + Doc

Contract # W912EP04C0024 Maintenance X / New Work ____

Load #s: 36 - 39 Areas worked (stations, etc): Turning Basin

Location, Lat/Long: N 25° 46.8' x W 80° 10.2'

Beaufort Sea State: 0 (1) 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 74° °C / (F) Wind Direction and Speed E 5-10 Kts

WATER TEMP: Surface 69° °C / (F) Column (mid-depth) _____ °C / °F Bottom _____ °C / °F

Condition of deflector: good Condition of screening: good

Were there incidents involving endangered or protected species? YES ____ NO X

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

Material Dredged was sand, silt and mud

The port forward and aft boxes were open for the first half load #39 when a new ram was being installed.

There were no incidents with endangered or protected species

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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Observers Names Peter Westerman, Becky Cline

Observer Firm Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

DATE: 4 / 1 / 06

Project Name: Miami Harbor Deepening USACE District: Jacksonville

Dredge Name: Northerly Island Dredge Firm: Great Lakes Dredge + Do

Contract # W912EP04C0024 Maintenance X / New Work ____

Load #s: 33 - 35 Areas worked (stations, etc): Turning Basin - Segmen

Location, Lat/Long: N 25 ° 46.8' x W 80 ° 10.2'

Beaufort Sea State: 0 (1) 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 69°-74° °C / °F Wind Direction and Speed E 5-10kts

WATER TEMP: Surface 69-71° °C / °F Column (mid-depth) _____ °C / °F Bottom _____ °C / °F

Condition of deflector: good Condition of screening: good

Were there incidents involving endangered or protected species? YES ____ NO X

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

Material dredged was sand, silt, and mud.

There were no incidents with endangered or protected species

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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Observers Names Pete Westerman Becky Cline

Observer Firm Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

DATE: 3 / 30 / 06

Project Name: Miami Harbor Deepening USACE District: Jacksonville

Dredge Name: Northerly Island Dredge Firm: Great Lakes Dredge + Doc

Contract # W912EP 04 C0024 Maintenance X / New Work ____

Load #s: 23 - 27 Areas worked (stations, etc): Turning basin / Govt cut Seg 2 of

Location, Lat/Long: N 25° 46.8' x W 80° 10.2'

Beaufort Sea State: 0 (1) 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 72° °C / °(F) Wind Direction and Speed N 8-10 Kts

WATER TEMP: Surface 68° °C / °(F) Column (mid-depth) _____ °C / °F Bottom _____ °C / °F

Condition of deflector: good Condition of screening: good

Were there incidents involving endangered or protected species? YES ____ NO X

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

Material dredged was rock, sand + coral while in Government cut and mud and silt while in the turning basin.

Box is filled with trash while in the turning basin

There were no incidents with endangered or protected species

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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Observers Names Peter Westerman, Becky Cline

Observer Firm Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**DATE:** 3 / 29 / 06

**Project Name:** Miami Harbor Deepening **USACE District:** Jacksonville

**Dredge Name:** Northerly Island **Dredge Firm:** Great Lakes Dredge & Doc

**Contract #** W 912 EP-04-C-0024 **Maintenance** X / **New Work** ____

**Load #s:** 19 - 22 **Areas worked (stations, etc):** Segments 1+2 Government

**Location, Lat/Long:** N 25 ° 45 . 8' x W 80 ° 07 . 8

**Beaufort Sea State:** 0 1 2 3 4 5 6 7 8 9 10 11 12

**AIR TEMP:** 76° °C / (F) **Wind Direction and Speed** N 12-15 Kts

**WATER TEMP:** Surface 71° °C / (F) Column (mid-depth) _____ °C / °F Bottom _____ °C / °F

**Condition of deflector:** good **Condition of screening:** good

**Were there incidents involving endangered or protected species?** YES ____ NO X

**Which species? (complete incident form(s))** _____

**Comments (type of material, biological specimens, unusual circumstances, etc):**

Material dredged was sand, rock and coral.

While in the center of Government in the jetties (2A) fore boxes were opened due to rapid filling at 2215 and switched to fore boxes closed and aft opened at 2245. At 2315 all boxes were opend while in the center of the jetties until 0100. The screening on the skimmer was in place and 50% covered with garbage and one catfish.

There were no incidents involving endangered or protected species.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observers Names** P Westerman, B Cline

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

DATE: 3 / 28 / 06

Project Name: Miami Harbor Deepening USACE District: Jacksonville

Dredge Name: Northerly Island Dredge Firm: Great Lakes Dredge & Doc

Contract # W 912 EP-04-C-0024 Maintenance X / New Work ____

Load #s: 15 - 18 Areas worked (stations, etc): Segments 1-2

Location, Lat/Long: N 45 ° 25'. 50" x W 80 ° 07'. 50

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 76 °C / (F) Wind Direction and Speed N 10-12 Kts

WATER TEMP: Surface 71 °C / (F) Column (mid-depth) _____ °C / °F Bottom _____ °C / °F

Condition of deflector: good Condition of screening: good

Were there incidents involving endangered or protected species? YES ____ NO X

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

Material Dredged was rock, coral, sand, and silt
There were no incidents involving endangered or protected species

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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Observers Names P. Westerman, B. Cline

Observer Firm Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

DATE: 3 / 27 / 06

Project Name: Miami Harbor Deepening USACE District: Jacksonville

Dredge Name: Northerly Island Dredge Firm: Great Lakes Dredge Dock

Contract # W912EP-04-C-0024 Maintenance X / New Work ____

Load #s: 11 - 14 Areas worked (stations, etc): Segments 1+2

Location, Lat/Long: N 25 ° 45 . 50 x W 80 ° 07 . 50

Beaufort Sea State: 0 1 2 3 (4) 5 6 7 8 9 10 11 12

AIR TEMP: 72 °C / °(F) Wind Direction and Speed NE 15-18 kts

WATER TEMP: Surface 70° °C / °(F) Column (mid-depth) _____ °C / °F Bottom _____ °C / °F

Condition of deflector: good Condition of screening: good

Were there incidents involving endangered or protected species? YES ____ NO X

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

Material dredged was sand and silt

There were no incidents involving endangered or protected species

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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Observers Names P Westerman, B Cline

Observer Firm Coastwise Consulting

**ENDANGERED SPECIES OBSERVER PROGRAM**

# DAILY REPORT

**DATE:** 3 / 29 / 06

**Project Name:** Miami Harbor Deepening **USACE District:** Jacksonville

**Dredge Name:** Northerly Island **Dredge Firm:** Great Lakes Dredge + Dock

**Contract #** W912EP-04-C-0024 **Maintenance** X / **New Work** ____

**Load #s:** 8 - 10 **Areas worked (stations, etc):** segments 1+2

**Location, Lat/Long:** N 25 ° 45′. 50″ x W 80 ° 06′. 50″

**Beaufort Sea State:** 0 (1) 2 3 4 5 6 7 8 9 10 11 12

**AIR TEMP:** 62° °C / (F) **Wind Direction and Speed** NNW 10-12 Kts

**WATER TEMP:** **Surface** 66° °C / (F) **Column (mid-depth)** _____ °C / °F **Bottom** _____ °C / °F

**Condition of deflector:** good in jellies **Condition of screening:** good

**Were there incidents involving endangered or protected species?** **YES** ____ **NO** X

**Which species? (complete incident form(s))** _____

**Comments (type of material, biological specimens, unusual circumstances, etc):**

Material dredged was sand + silt.

Large amounts of coral and garbage continue to clog the discharge boxes. During load #8 the aft port and stbd boxes were left open during cuts 10-14 due to rapid clogging and the blowing open of hatch covers on those fwd boxes. The fore stbd and port remained closed and overflow screening was in place.

There were no incidents involving endangered or protected species

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observers Names** Pete Westerman, Becky Cline

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

DATE: 3/25/06

Project Name: Miami Harbor Deepening USACE District: Miami

Dredge Name: Northerly Island Dredge Firm: Great Lakes Dredge + Do

Contract # W912EP-04-C-0024 Maintenance X / New Work ____

Load #s: 2 - 7 Areas worked (stations, etc): sections 1+2

Location, Lat/Long: N 25 ° 45'. 50" x W 80 ° 06. 50

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 58 °C / (°F) Wind Direction and Speed NNW 10-12 Kts

WATER TEMP: Surface 68° °C (F) Column (mid-depth) 68° °C (F) Bottom — °C / °F

Condition of deflector: good Condition of screening: good

Were there incidents involving endangered or protected species? YES ____ NO X

Which species? (complete incident form(s)) ____

Comments (type of material, biological specimens, unusual circumstances, etc):

Material dredged was sand + silt

Large amounts of rock + garbage needed to be cleaned from the boxes and screens.

There were no incidents including endangered or protected specie

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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Observers Names P Westerman, B Cline

Observer Firm Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

DATE: 3/24/06

Project Name: Miami Harbor Deepening USACE District: Miami

Dredge Name: Northerly Island Dredge Firm: Great Lakes Dredge Do

Contract # W912EP-04-C-0024 Maintenance X / New Work ____

Load #s: 1 - ✓ Areas worked (stations, etc): Gr 7,8,9 pilot 12/16

Location, Lat/Long: N 25 ° 45 . 50 x W 80 ° 06 . 50

Beaufort Sea State: 0 1 2 3 (4) 5 6 7 8 9 10 11 12

AIR TEMP: 70° °C / (°F) Wind Direction and Speed NNW 15-20 kts

WATER TEMP: Surface 71 °C / (°F) Column (mid-depth) 71° °C / °F Bottom 71° °C / °F

Condition of deflector: good Condition of screening: good

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) ____

Comments (type of material, biological specimens, unusual circumstances, etc):

MATERIAL DREDGED WAS SAND

MATERIAL RETAINED IN SCREENS INCLUDED CORAL, SHELL, ROCK

THERE WERE NO INCIDENTS INVOLVING PROTECTED OR ENDANGERED SPECIES

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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Observers Names P Westerman B Cline

Observer Firm Coastwise Consulting

**ENDANGERED SPECIES OBSERVER PROGRAM**

# DAILY REPORT

**DATE:** 13 / APR / 06

**Project Name:** MIAMI HARBOR DEEPENING PROJECT **USACE District:** JACKSONVILLE

**Dredge Name:** NORTHERLY ISLAND **Dredge Firm:** GREAT LAKES DREDGE & DOCK

**Contract #** W912-EP-04-C-0024 **Maintenance** X / **New Work** ____

**Load #s:** 71 - ____ **Areas worked (stations, etc):** ~~Turning Basin~~ North End of Cruise Ship Terminal

**Location, Lat/Long:** N 25° 46.4' x W 80° 10.4'

**Beaufort Sea State:** (0) 1 2 3 4 5 6 7 8 9 10 11 12

**AIR TEMP:** 85 °C (°F) **Wind Direction and Speed** N 10-15

**WATER TEMP:** **Surface** 72 °C (°F) **Column (mid-depth)** ____ °C/°F **Bottom** ____ °C/°F

**Condition of deflector:** good **Condition of screening:** good

**Were there incidents involving endangered or protected species?** **YES** ____ **NO** X

**Which species? (complete incident form(s))** N/A

**Comments (type of material, biological specimens, unusual circumstances, etc):**

MATERIAL DREDGED WAS SILT/SAND

MATERIAL RETAINED IN SCREENS INCLUDED TRASH & ROCKS

DREDGE LEFT DOCK AT 1300 TO RESUME LOAD 71

THERE WERE NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observers Names** Becky Cline

**Observer Firm** Coastwise Consulting

**ENDANGERED SPECIES OBSERVER PROGRAM**

# DAILY REPORT

DATE: 4 / 7 / 06

Project Name: Miami Harbor Deepening USACE District: Jacksonville

Dredge Name: Northerly Island Dredge Firm: Great Lakes Dredge & Do

Contract # W912EP04C00034 Maintenance X / New Work ____

Load #s: 55 - 58 Areas worked (stations, etc): Government Cut Segments 1e. Turning Basin

Location, Lat/Long: N 25° 45.8' x W 80° 07.5' Jetties
25° 46.8' 80° 10.2'

Beaufort Sea State: 0 (1) (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 72° °C / °F Wind Direction and Speed SSE 10-12 kts

WATER TEMP: Surface 72° °C / °F Column (mid-depth) ____ °C / °F Bottom ____ °C / °F

Condition of deflector: good Condition of screening: good

Were there incidents involving endangered or protected species? YES ____ NO X

Which species? (complete incident form(s)) ____

Comments (type of material, biological specimens, unusual circumstances, etc):

Material dredged was sand rock and coral while in Jetties and mud silt and garbage while in the turning basin

While in the NE corner of Government Cut boxes fill within minutes with rock + coral and need to be left open. The overflow screening on the skimmer (4"x4" metal grating) remains in place permanently, and the boxes are closed at all other times.

There were no incidents or sightings of endangered or protected species.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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Observers Names P Westerman B Cline

Observer Firm Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

DATE: 4 / 8 / 06

Project Name: Miami Harbor Deepening USACE District: Jacksonville

Dredge Name: Northerly Island Dredge Firm: Great Lakes Dredge + Dock

Contract # W912EP04C0024 Maintenance X / New Work ____

Load #s: 59 - 62 Areas worked (stations, etc): Goverment Cut Segments 1, 2 + Turning Basin

Location, Lat/Long: N 25° 45.8' x W 80° 07.8'
25° 46' 8' 80° 10' 2'

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 78-80°C / °F Wind Direction and Speed SSE 5-10 Kts

WATER TEMP: Surface 72° °C / °F Column (mid-depth) _____ °C / °F Bottom _____ °C / °F

Condition of deflector: good Condition of screening: good

Were there incidents involving endangered or protected species? YES ____ NO X

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

Material dredged was sand, rock and coral in segments 1, 2 and 3, and mud and silt in the turning basin. Amounts of rock and garbage blocking the screens was increased from the day before. Screening on the skimmers remains in place.

There were no incidents or sightings of endangered or protected species

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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Observers Names P Westerman B Cline

Observer Firm Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

DATE: 4 / 9 / 06

Project Name: Miami Harbor Deepening USACE District: Jacksonville

Dredge Name: Northerly Island Dredge Firm: Great Lakes Dredge+Dock

Contract # W 912 ED 04 C0024 Maintenance x / New Work ____

Load #s: 63 - 67 Areas worked (stations, etc): Government Cut Segments 1+ (NE corner)

Location, Lat/Long: N 25 ° 45. 8' x W 80 ° 07. 8'

Beaufort Sea State: 0 (1) (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 70-83 °C / °F Wind Direction and Speed SE 10 to 12 kts backing to NE 5 to 10 kts

WATER TEMP: Surface 74° °C / °F Column (mid-depth) ____ °C / °F Bottom ____ °C / °F

Condition of deflector: good Condition of screening: good

Were there incidents involving endangered or protected species? YES ____ NO X

Which species? (complete incident form(s)) ____

Comments (type of material, biological specimens, unusual circumstances, etc):

Material dredged was rock sand and coral.

This specific area seems to have an overabundance of rock/coral that makes inflow screening impractical. Overflow screening on the skimmer (4" x 4") has collected various types of rope, garbage and fish.

There were no incidents or sightings of endangered or protected species.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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Observers Names Pete Westerman, Becky Cline

Observer Firm Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

DATE: 4 / 10 / 06

Project Name: Miami Harbor Deepening USACE District: Jacksonville

Dredge Name: Northerly Island Dredge Firm: Great Lakes Dredge + Dc

Contract # W 912 ED 04 C0024 Maintenance X / New Work ____

Load #s: 68 - 71 Areas worked (stations, etc): Government Cut Segment, Approach to turning Basin 2 + 3

Location, Lat/Long: N 25 ° 45. 8' x W 80 ° 07. 8'

Beaufort Sea State: 0 1 2 (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 82° °C / °F Wind Direction and Speed SE 20-25

WATER TEMP: Surface 70 - 72 °C / (F) Column (mid-depth) ____ °C / °F Bottom ____ °C / °F

Condition of deflector: good Condition of screening: good

Were there incidents involving endangered or protected species? YES ___ NO X

Which species? (complete incident form(s)) ____

Comments (type of material, biological specimens, unusual circumstances, etc): ____

Material dredged was sand rock and coral.
There were no incidents or sightings of endangered or protected species

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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Observers Names Pete Westerman, Becky Cline

Observer Firm Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

DATE: 4 / 6 / 06

Project Name: Miami Harbor Deepening USACE District: Jacksonville

Dredge Name: Northerly Island Dredge Firm: Great Lakes Dredge + Dock

Contract # W 912 · ED · 04 · C0024 Maintenance X / New Work ____

Load #s: 53 - 54 Areas worked (stations, etc): Government Cut Segments 1+

Location, Lat/Long: N 25 ° 45. 8′ x W 80 ° 07 . 8′
25 46. 8′ 80° 10 a′

Beaufort Sea State: 0 (1) (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 72°-83° °C / °F Wind Direction and Speed ESE 5-10 kts

WATER TEMP: Surface 71-74° °C / °F Column (mid-depth) _____ °C / °F Bottom _____ °C / °F

Condition of deflector: good Condition of screening: good

Were there incidents involving endangered or protected species? YES ___ NO X

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

Material was sand, coral and rock while in the jetties and mud silt and garbage while in the turning basin.

Discharge boxes readily filled with rock + coral debris, Monitoring Stbd boxes only was tried, but the rock debris at the base of the NE corner of Government cut proved to be too much and boxes had to be opened in this specific area.

There were no incidents with endangered or protected species.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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Observers Names Pete Westerman Becky Cline

Observer Firm Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

DATE: 31 / MAR / 06

Project Name: Miami Harbor Deepening USACE District: Jacksonville

Dredge Name: Northerly Island Dredge Firm: Great Lakes Dredge + Doc

Contract # W 912 EP 04 C 0024 Maintenance X / New Work ____

Load #s: 28 - 32 Areas worked (stations, etc): Turning Basin

Location, Lat/Long: N 25° 46.8' x W 80° 10.2'

Beaufort Sea State: 0 (1) 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 76° °C / (°F) Wind Direction and Speed E 5 kts

WATER TEMP: Surface 68 °C / (°F) Column (mid-depth) _____ °C / °F Bottom _____ °C / °F
0700 Turning Basin

Condition of deflector: good Condition of screening: good

Were there incidents involving endangered or protected species? YES ____ NO X

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

Material dredged was sand silt mud and garbage
Boxes were opened 45 minutes into load #32 because screeds clogged with plastic garbage.
There were incidents involving enangered or protected species.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| All day | T. truncatus | several / | Turning basin |
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Observers Names P Westerman B Cline

Observer Firm Coastwise Consulting