

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Apr / 05 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP-08-B-0005

Maintenance X / New Work

Load #: 001 - 004

Areas worked (stations, etc): Stations 87+00 to 97+00

Location, Lat/Long: N 26° 46.070 x W 80° 02.750

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

AIR TEMP: 23.6 - 30.0 °C / °F Wind Direction and Speed NE to ENE 15-30

WATER TEMP: Surface 23.8 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Materials Dredged - Sand

Biotics - Starfish, horseshoe crabs, gastropods, hermit crabs, sticks, misc shell

Abiotics - Rope, fishing line, netting, plastic, wire

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

Begin Contract W912EP-08-B-0005 at ~1600 hrs. Skies partly cloudy, seas slightly choppy with strong currents. Winds predominately from the east strong in afternoon decreasing in early evening. Seas also began to calm down late evening. Skies gradually became overcast during the evening.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: None Seen, /, /

Observers Names Terrance N. Todd / John DeFazio Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Apr / 06 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #s: 005 - 021

Areas worked (stations, etc): Stations 87 +00 to 97 +00

Location, Lat/Long: N 26 ° 46 . 070 x W 80 ° 02 . 750

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

AIR TEMP: 20.0 - 30.0 °C / °F Wind Direction and Speed E to S 15-30 with gusts up to 40

WATER TEMP: Surface 23.8 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Materials Dredged - Sand

Biotics - Starfish, horseshoe crabs, gastropods, hermit crabs, sticks, misc shell, sea grass, puffer fish, bat fish

Abiotics - Rope, fishing line, netting, plastic, aluminum cans, rocks.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

Scattered showers and thunderstorms early morning with occasional lightning ending just before sunrise. Overcast skies early mornings becoming partly cloudy late morning to mostly sunny in the afternoon. Seas were calm during this period and winds were variable in direction. During evening, showers and thunderstorms returned, some being very intense bringing gusts up to 40 knots from the south. Lots of lightning also present with strikes occurring less than a mile from the ship.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: None Seen, blank, /, blank.

Observers Names Terrance N. Todd / John DeFazio

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Apr / 07 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #: 022 - 032

Areas worked (stations, etc): Stations 87 +00 to 97 +00 & 00 +00 to 25 +00

Location, Lat/Long: N 26 ° 46 . 330 x W 80 ° 01 . 930

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

AIR TEMP: 20.0 - 30.0 °C / °F Wind Direction and Speed Variable up to 10 knots

WATER TEMP: Surface 23.8 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Materials Dredged - Sand

Biotics - Starfish, horseshoe crabs, gastropods, hermit crabs, sticks, misc shell, sea grass, sea robin, portunid crabs (not blue), sea whips, and gorgonians (skeletons).

Abiotics - Rope, fishing line, netting, plastic, aluminum cans, rocks, cloth.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

Thunderstorms with a lot of lightning just after midnight turning to scattered showers by sunset. Showers ceased an hour after sunrise, with skies becoming mostly cloudy becoming partly cloudy to mostly clear by the afternoon. Winds remained light and sea calm throughout day and into the night. Skies partly cloudy at night. After load 032, problems with pump out valve. Stopped to attempt repairs at 1953.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: None Seen, blank, /, blank.

Observers Names Terrance N. Todd / John DeFazio

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Apr / 08 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance / **New Work**

Load #s: 033 - 039

Areas worked (stations, etc): Stations 87⁺⁰⁰ to 97⁺⁰⁰ & 00⁺⁰⁰ to 25⁺⁰⁰

Location, Lat/Long: N 26 ° 46 . 330 x W 80 ° 01 . 930

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

AIR TEMP: 23.8 - 30.6 °C / °F **Wind Direction and Speed** Variable up to 10 knots

WATER TEMP: Surface 23.8 °C / °F **Column (mid-depth)** --- °C / °F **Bottom** --- °C / °F

Condition of deflector: Good 100% **Condition of screening:** Good 100%

Were there incidents involving endangered or protected species? YES NO

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

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

Materials Dredged - Sand

Biotics - Starfish, horseshoe crabs, gastropods, bivalves, hermit crabs, sticks, sea grass, portunid crabs (not blue), sea whips, and gorgonian (skeletons), skeletal remains of *Porites porites*, *Montastrea sp.*

Abiotics - Rope, fishing line, netting, plastic, aluminum cans, rocks, cloth.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

Mostly cloudy to partly cloudy in morning with very light winds from variable directions. Seas calm throughout day. Stopped for repairs early morning for about an hour.

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>1334 & 1403</u>	<u><i>Trichechus manatus</i></u>	<u>2 / 4</u>	<u>Heading East out of channel and near beach near south jetty. Ship moored and pumping sand to beach when sighted.</u>
<u> </u>	<u> </u>	<u>/</u>	<u> </u>
<u> </u>	<u> </u>	<u>/</u>	<u> </u>
<u> </u>	<u> </u>	<u>/</u>	<u> </u>
<u> </u>	<u> </u>	<u>/</u>	<u> </u>
<u> </u>	<u> </u>	<u>/</u>	<u> </u>

Observers Names Terrance N. Todd / John DeFazio **Observer Firm:** Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Apr / 09 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #s: 040 - 052 Areas worked (stations, etc): Stations 00 +00 to 25 +00

Location, Lat/Long: N 26 ° 46 . 330 x W 80 ° 01 . 930

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

AIR TEMP: 23.8 - 30.6 °C / °F Wind Direction and Speed ENE to SW 10- 20knots

WATER TEMP: Surface 23.8 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Materials Dredged - Sand

Biotics - Starfish, gastropods, bivalves, hermit crabs, sticks, sea grass, portunid crabs (not blue),

Abiotics - Rope, fishing line, netting, plastic, aluminum cans, rocks, cloth.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

Partly cloudy to mostly cloudy throughout days. Seas calm early morning increasing in height while maintain period throughout the day with occasional whitecap observed. Sea began decreasing in strength as winds shifted from ENE to WSW in the evening.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: 0815 - 0830, Tursiops truncatus, 1 / 3, Along the beach near north jetties swimming northward.

Observers Names Terrance N. Todd / John DeFazio

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Apr / 10 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance / **New Work**

Load #s: 053 - 068 **Areas worked (stations, etc):** Stations 00⁺⁰⁰ to 25⁺⁰⁰

Location, Lat/Long: N 26 ° 46 . 370 x W 80 ° 01 . 830

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

AIR TEMP: 23.8 - 30.6 °C / °F **Wind Direction and Speed** ENE to SW 10- 20knots

WATER TEMP: Surface 23.8 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% **Condition of screening:** Good 100%

Were there incidents involving endangered or protected species? YES NO

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

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

Materials Dredged - Sand

Biotics - Starfish, gastropods, bivalves, hermit crabs, sticks, sea grass, portunid crabs (not blue).

Abiotics - Rope, fishing line, netting, plastic, aluminum cans, rocks, cloth, skeletal remains of gorgonians and various species of coral.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

Partly cloudy to mostly cloudy throughout days. Seas calm early morning increasing in height while maintain period throughout the day with occasional whitecap observed. Sea began decreasing in strength as winds shifted from ENE to WSW in the evening.

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>0750 - 0815</u>	<u><i>Tursiops truncatus</i></u>	<u>1 / 5</u>	<u>Along the beach near north jetties swimming northward.</u>
<u>1052 - 1054</u>	<u><i>Chelonia mydas</i></u>	<u>1 / 1</u>	<u>At end of north jetty taking a breath and then submerging heading south.</u>
<u> </u>	<u> </u>	<u>/</u>	<u> </u>
<u> </u>	<u> </u>	<u>/</u>	<u> </u>
<u> </u>	<u> </u>	<u>/</u>	<u> </u>

Observers Names Terrance N. Todd / John DeFazio

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Apr / 11 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #s: 069 - 078 Areas worked (stations, etc): Stations 00 +00 to 25 +00

Location, Lat/Long: N 26 ° 46 . 375 x W 80 ° 01 . 800

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

AIR TEMP: 20.6 - 31.1 °C / °F Wind Direction and Speed ENE to SW 5- 15knots

WATER TEMP: Surface 23.8 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Materials Dredged - Sand

Biotics - Starfish, gastropods, bivalves, hermit crabs, sticks, sea grass, polychaetes, larval fish, portunid crabs (not blue), horseshoe crabs, barnacles.

Abiotics - Rope, fishing line, netting, plastic, aluminum cans, rocks, cloth, skeletal remains of gorgonians and various species of coral, sand bag, rubber ball, gloves.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

Partly cloudy to mostly sunny throughout days. Seas calm early morning with seas increasing slightly in association with tidal influences. Winds predominately from the NE during the days shifting to SW at night.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: None Seen, /, /

Observers Names Terrance N. Todd / John DeFazio

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

WEEKLY SUMMARY

Project Name: West Palm Beach **USACE District:** Jacksonville
Dredge Name: M/V Atchafalaya **Dredge Firm:** B + B
Contract #: W912EP-08-B-0005 **Maintenance** / **New Work**

DATES: Apr / 05 / 2008 -- Apr / 11 / 2008 **LOADS #s:** 001 -- 078

Areas worked (stations, etc): Stations 0⁺⁰⁰ to 25⁺⁰⁰ ; 87⁺⁰⁰ to 97⁺⁰⁰

Locations, Lat/Long: N 26 ° 46 . 070 x W 80 ° 02 . 750
 Lat/Long: N 26 ° 46 . 370 x W 80 ° 01 . 800

Were there incidents involving endangered or protected species? YES NO

Which species? N/A

Comments:

Materials Dredged - Mud, Silt, Clay

Biotics – Wood, gastropods, bivalves, horseshoe crabs, sea grass, hermit crabs, starfish, polychaetes, barnacles, Portunid crabs (not blue), puffer fish, bat fish, sea robin, larval fish, sea whips, .

Abiotics – Plastic Bottles, scrap plastic, cloth, rope, netting, rocks, calcium carbonate remains of various species of corals, fishing line, hooks, gloves, rubber ball,

Project began April 4, 2008. Screening on draghead and inflow in good condition. No overflow screens. Showers and thunder storms with lightning present early in the week shifting to standard coastal breeze system with winds NE during days switching to SW at night. Seas mostly calm with gentle swells through week with white caps appearing in association with tidal influences.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Date/Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>4/09/08 0815 – 0830</u>	<u><i>Tursiops truncatus</i></u>	<u>1 / 3</u>	<u>Along the beach near north jetties swimming northward.</u>
<u>4/10/08 1334 - 1403</u>	<u><i>Trichechus manatus</i></u>	<u>2 / 4</u>	<u>Heading East out of channel and near beach near south jetty. Ship moored and pumping sand to beach when sighted. Came no closer than 150 m of the boat.</u>
<u>4/11/08 0750 – 0815</u>	<u><i>Tursiops truncatus</i></u>	<u>1 / 5</u>	<u>Along the beach near north jetties swimming northward.</u>
<u>4/11/08 1052 – 1054</u>	<u><i>Chelonia mydas</i></u>	<u>1 / 1</u>	<u>At end of north jetty taking a breath and then submerging heading south.</u>

Observers' Names Terrance N. Todd / John DeFazio

Observer Firm Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Apr / 12 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #s: 079 - 083 Areas worked (stations, etc): Stations 00 +00 to 25 +00

Location, Lat/Long: N 26 ° 46 . 370 x W 80 ° 01 . 815

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

AIR TEMP: 20.6 - 31.1 ° C / ° F Wind Direction and Speed ENE to SW 5- 15knots

WATER TEMP: Surface 23.8 ° C / ° F Column (mid-depth) --- ° C / ° F Bottom --- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Materials Dredged - Sand

Biotics - Starfish, gastropods, bivalves, hermit crabs, sticks, sea grass, polychaetes, barnacles.

Abiotics - Rope, fishing line, netting, plastic, aluminum cans, rocks, cloth, skeletal remains of gorgonians and various species of coral, sand bag, beer cans, hooks, cable, crab trap.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

Mostly sunny throughout day. Seas calm early morning with seas increasing slightly in association with tidal influences. Winds predominately from the NE during the days shifting to SW at night.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: None Seen, /, /

Observers Names Terrance N. Todd / John DeFazio Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Apr / 13 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #s: 084 - 088 Areas worked (stations, etc): Stations 00 +00 to 25 +00

Location, Lat/Long: N 26 ° 46 . 365 x W 80 ° 01 . 790

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

AIR TEMP: 21.1 - 31.1 ° C / ° F Wind Direction and Speed S to SW 5- 15knots

WATER TEMP: Surface 23.8 ° C / ° F Column (mid-depth) --- ° C / ° F Bottom --- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Materials Dredged - Sand

Biotics - Starfish, gastropods, bivalves, hermit crabs, sticks, sea grass, barnacles.

Abiotics - Rope, fishing line, netting, plastic, aluminum cans, rocks, cloth, skeletal remains of gorgonians and various species of coral, necklace, fishing lures, scrap metal.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

Partly cloudy to mostly cloudy early morning turning to overcast just past sunrise, then becoming mostly cloudy to partly cloudy by noon. Cloud began to return in afternoon with scattered showers past late afternoon. Seas were calm throughout the days. Winds predominately from the S to SW all day.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: 1641-1643, Tursiops truncatus, 1 / 4, East of buoy 3 heading south across channel.

Observers Names Terrance N. Todd / John DeFazio

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Apr / 14 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance / **New Work**

Load #s: 089 - 092 **Areas worked (stations, etc):** Stations 00⁺⁰⁰ to 25⁺⁰⁰

Location, Lat/Long: N 26 ° 46 . 365 x W 80 ° 01 . 790

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

AIR TEMP: 15.0 - 31.1 °C / °F **Wind Direction and Speed** WSW to W 5- 15knots

WATER TEMP: Surface 22.8 °C / °F **Column (mid-depth)** --- °C / °F **Bottom** --- °C / °F

Condition of deflector: Good 100% **Condition of screening:** Good 100%

Were there incidents involving endangered or protected species? YES NO

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

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

Materials Dredged - Sand

Biotics - Starfish, gastropods, bivalves, hermit crabs, sticks, sea grass, barnacles.

Abiotics - Rope, fishing line, netting, plastic, aluminum cans, rocks, cloth, skeletal remains of gorgonians and various species of coral, asphalt and concrete.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

Partly cloudy to mostly clear all day. Hazy around noon. Cold front moved into area during early morning hours causing a slight drop in temperature. Seas calm to slightly choppy at in the evening. Cownose rays observed mating at south jetty mid morning and later in the afternoon.

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>0853-0927</u>	<u>Tursiops truncatus</u>	<u>5 / 1 - 4</u>	<u>Playing near the south jetty and south of jetty</u>
<u> </u>	<u> </u>	<u>/</u>	<u> </u>
<u> </u>	<u> </u>	<u>/</u>	<u> </u>
<u> </u>	<u> </u>	<u>/</u>	<u> </u>
<u> </u>	<u> </u>	<u>/</u>	<u> </u>
<u> </u>	<u> </u>	<u>/</u>	<u> </u>
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Observers Names Terrance N. Todd / John DeFazio

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Apr / 15 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #s: 093 - 096 Areas worked (stations, etc): Stations 00+00 to 25+00

Location, Lat/Long: N 26° 46.360 x W 80° 01.750

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

AIR TEMP: 15.6 - 21.7 °C / °F Wind Direction and Speed NW to WNW 10- 25knots

WATER TEMP: Surface 22.2 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Materials Dredged - Sand

Biotics - Starfish, gastropods, bivalves, barnacles.

Abiotics - Rope, fishing line, plastic, rocks, cloth, asphalt and concrete.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

Partly cloudy to mostly clear all day. Chilly with winds shifting from the north. Seas initially calm, but as winds continued to pick up during the days, so did the sea causing a slight chop in the evening.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: None sighted, empty, /, empty.

Observers Names Terrance N. Todd / John DeFazio Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Apr / 16 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #: 097 - 098 Areas worked (stations, etc): Stations 00 to 25

Location, Lat/Long: N 26 46.360 x W 80 01.750

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

AIR TEMP: 15.0 - 21.7 C F Wind Direction and Speed WNW to NE 15- 30knots

WATER TEMP: Surface 22.2 C F Column (mid-depth) Bottom C F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Materials Dredged - Sand

Biotics - Starfish, gastropods, bivalves, barnacles.

Abiotics - Rope, fishing line, plastic, rocks, cloth, asphalt and concrete.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

Partly cloudy to mostly clear all day. Chilly with winds shifting from the north. Seas with a pronounced swell 3-5 feet, producing whitecaps (and perfect surfing conditions). Riptides present making difficult maintaining mooring when pumping off. Currents and swells (expected to intensify) made operations difficult resulting in temporary halting to dredging activities at about 1100 hrs.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: None sighted, /, /

Observers Names Terrance N. Todd / John DeFazio

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Apr / 17 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #s: --- - ---

Areas worked (stations, etc): N/A

Location, Lat/Long: N N/A ° -- . --- x W N/A ° -- . ---

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

AIR TEMP: 15.0 - 21.7 °C / °F Wind Direction and Speed WNW to NE 15- 30knots

WATER TEMP: Surface 22.2 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Dredge at dock for weather.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: None sighted, /, /

Observers Names Terrance N. Todd / John DeFazio Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Apr / 18 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #s: --- - ---

Areas worked (stations, etc): N/A

Location, Lat/Long: N N/A ° -- . --- x W N/A ° -- . ---

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

AIR TEMP: 15.0 - 21.7 °C / °F Wind Direction and Speed WNW to NE 15- 30knots

WATER TEMP: Surface 22.2 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Dredge at dock for weather.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: None sighted, /, /

Observers Names Terrance N. Todd / Nathan Schwalen Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

WEEKLY SUMMARY

Project Name: West Palm Beach **USACE District:** Jacksonville
Dredge Name: M/V Atchafalaya **Dredge Firm:** B + B
Contract #: W912EP-08-B-0005 **Maintenance** / **New Work**

DATES: Apr / 12 / 2008 -- Apr / 18 / 2008 **LOADS #s:** 079 -- 098

Areas worked (stations, etc): Stations 0⁺⁰⁰ to 25⁺⁰⁰ ;

Locations, Lat/Long: N 26 ° 46 . 370 x W 80 ° 01 . 800
Lat/Long: N _____ ° _____ . _____ x W _____ ° _____ . _____

Were there incidents involving endangered or protected species? YES NO

Which species? N/A

Comments:

Materials Dredged - Mud, Silt, Clay

Biotics – Wood, gastropods, bivalves, horseshoe crabs, sea grass, hermit crabs, starfish, polychaetes, barnacles, Portunid crabs (not blue).

Abiotics – Plastic Bottles, scrap plastic, cloth, rope, netting, rocks, calcium carbonate remains of various species of corals, fishing line, hooks, gloves, shoes,

Most of the week, seas mostly calm with gentle swells through week with white caps appearing in association with tidal influences. Winds shifted in association with temperature with sea breeze prevalent at night and a coastal breeze during the day. Skies were mostly clear. Midweek, a cold front moved into the area dropping temperatures and causing a predominately NE wind to form causing high waves and moderate swell. Dredging activities were suspended on Apr 16 at ~1100 hrs for weather.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Date/Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>4/13/08 1641 – 1643</u>	<u><i>Tursiops truncatus</i></u>	<u>1 / 4</u>	<u>East of buoy 3 heading south across channel</u>
<u>4/14/08 0853 – 0927</u>	<u><i>Tursiops truncatus</i></u>	<u>5 / 1-4</u>	<u>Playing near the south jetty and south of jetty</u>
_____	_____	_____ / _____	_____
_____	_____	_____ / _____	_____
_____	_____	_____ / _____	_____
_____	_____	_____ / _____	_____
_____	_____	_____ / _____	_____
_____	_____	_____ / _____	_____

Observers' Names Terrance N. Todd / John DeFazio / Nathan Schwalen

Observer Firm Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Apr / 19 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #: 099 - 102 Areas worked (stations, etc): Stations 00 +00 to 25 +00

Location, Lat/Long: N 26 ° 46 . 370 x W 80 ° 01 . 840

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

AIR TEMP: 18.3- 32.8 ° C / ° F Wind Direction and Speed SSE 5- 10knots

WATER TEMP: Surface 23.9 ° C / ° F Column (mid-depth) --- ° C / ° F Bottom --- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Materials Dredged - Sand

Biotics - Starfish, gastropods, bivalves, barnacles, grass, polychaetes.

Abiotics - Rope, fishing line, plastic, rocks, cloth, shoes, chunks of metal, dive mask, snorkels.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

Dredging activities commenced again at 0645. Skies partly cloudy in morning to scattered clouds at noon to clear skies at night. Seas calm with slight swell and 1-3 ft seas. Light winds through most of days shifting to a sea breeze in the evening.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: None sighted, /, /

Observers Names Terrance N. Todd / Nathan Schwalen

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Apr / 20 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #: 103 - 107 Areas worked (stations, etc): Stations 00+00 to 25+00

Location, Lat/Long: N 26° 46.380 x W 80° 01.700

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

AIR TEMP: 18.9-30.0 °C / °F Wind Direction and Speed SSE 10-15 knots

WATER TEMP: Surface 23.9 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Materials Dredged - Sand

Biotics - Starfish, gastropods, bivalves, barnacles, grass, horseshoe crabs.

Abiotics - Rope, fishing line, plastic, rocks, cloth, shoes, dive mask, goggles.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

Skies partly cloudy in morning with cloud cover increasing during the day. Evening skies overcast with scattered showers. Seas calm with slight swell and 1-3 ft seas. Winds predominately from the SE.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: None sighted, empty, /, empty.

Observers Names Terrance N. Todd / Nathan Schwalen Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Apr / 21 / 2008

Project Name: West Palm Beach **USACE District:** Jacksonville

Dredge Name: M/V Atchafalaya **Dredge Firm:** B + B

Contract #: W912EP - 08 - B - 0005 **Maintenance** / **New Work**

Load #s: 108 - 112 **Areas worked (stations, etc):** Stations 00⁺⁰⁰ to 25⁺⁰⁰

Location, Lat/Long: N 26 ° 46 . 340 x W 80 ° 02 . 110

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

AIR TEMP: 18.9- 31.3 °C / °F **Wind Direction and Speed** SSE 5- 15knots

WATER TEMP: Surface 23.9 °C / °F **Column (mid-depth)** --- °C / °F **Bottom** --- °C / °F

Condition of deflector: Good 100% **Condition of screening:** Good 100%

Were there incidents involving endangered or protected species? YES NO

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

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

Materials Dredged - Sand

Biotics - Starfish, gastropods, bivalves, barnacles, grass, horseshoe crabs, sponges, mangrove proproots, sea cucumber, sea robin, various crabs (speckled swimming, ghost crabs, etc).

Abiotics - Rope, fishing line, plastic, rocks, cloth, shoes, snorkels, onion bags, hooks, sun glasses, coral debris.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

Skies partly cloudy in morning with cloud slowly clearing. Seas very calm around noon with prominent slack tide improving visibility in the water tremendously. Many game fish entered channel, as well as sightings of dolphins and a manatee. Around 1400, tide moving back in with increase of wind and a slight chop. Skies partly cloudy by evening. Full moon.

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>1139 & 1157</u>	<u>Trichechus manatus</u>	<u>3 / 1</u>	<u>Heading east out of channel. Ship was moored and pumping out. Manatee came within 30 ft of ship and went along from bow to stern at surface. Was about 1 m long, juvenile. Submerged after passing ship, resurfacing twice before losing track of it.</u>
<u>1733 - 1745</u>	<u>Tursiops truncatus</u>	<u>5 / 3 - 12</u>	<u>Outside channel near buoy 2 feeding</u>

Observers Names Terrance N. Todd / Nathan Schwalen **Observer Firm:** Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Apr / 22 / 2008

Project Name: West Palm Beach **USACE District:** Jacksonville

Dredge Name: M/V Atchafalaya **Dredge Firm:** B + B

Contract #: W912EP - 08 - B - 0005 **Maintenance** / **New Work**

Load #s: 113 - 117 **Areas worked (stations, etc):** Stations 00⁺⁰⁰ to 25⁺⁰⁰

Location, Lat/Long: N 26 ° 46 . 340 x W 80 ° 01 . 810

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

AIR TEMP: 18.9- 31.3 °C / °F **Wind Direction and Speed** SSE 5- 15knots

WATER TEMP: Surface 23.9 °C / °F **Column (mid-depth)** --- °C / °F **Bottom** --- °C / °F

Condition of deflector: Good 100% **Condition of screening:** Good 100%

Were there incidents involving endangered or protected species? YES NO

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

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

Materials Dredged - Sand

Biotics - Starfish, gastropods, bivalves, barnacles, grass, horseshoe crabs, sponges, mangrove proproots, various crabs (speckled swimming, ghost crabs, etc).

Abiotics - Rope, fishing line, plastic, rocks, cloth, shoes, snorkels, onion bags, hooks, sun glasses, coral debris, metal.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

Skies partly cloudy in morning with cloud slowly clearing. Sea calm with no visible chop and slight visible swell with occasional white cap. Current in channel between jetties strong with prominent ripples observed near jetty points.

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>1520 - 1940</u>	<u>Trichechus manatus</u>	<u>3 / 1</u>	<u>At 1520, 4 manatees were observed on south side of south jetty about 100 ft from small discharge pipe associated with north jetty pumping station. 3 adults, 1 pup. Mating. Seen till sunset at ~1940 before lost track.</u>
<u>1605</u>	<u>Chelonia mydas</u>	<u>1 / 1</u>	<u>At tip of south jetty, surfaced then submerged</u>
<u>1831 - 1856</u>	<u>Tursiops truncatus</u>	<u>1 / 3 - 12</u>	<u>Feeding at tip of north jetty.</u>

Observers Names Terrance N. Todd / Nathan Schwalen **Observer Firm:** Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Apr / 23 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #s: 118 - 122 Areas worked (stations, etc): Stations 00 +00 to 25 +00

Location, Lat/Long: N 26 ° 46 . 350 x W 80 ° 01 . 770

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

AIR TEMP: 18.3- 30.6 ° C / ° F Wind Direction and Speed NNE 15- 30knots

WATER TEMP: Surface 23.3 ° C / ° F Column (mid-depth) --- ° C / ° F Bottom --- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Materials Dredged - Sand

Biotics - Starfish, gastropods, bivalves, barnacles, grass, sponges, mangrove proproots, various crabs (speckled swimming, ghost crabs, etc).

Abiotics - Rope, fishing line, plastic, rocks, cloth, shoes, snorkels, onion bags, hooks, coral debris, metal.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

Skies partly cloudy to mostly clear throughout the day. Very strong northerly wind present throughout day causing a slight chop. Very strong current. Skies becoming partly cloudy to mostly cloudy in early evening with occasional drizzle. At ~0300 hrs a human male was seen being washed out of the channels into open sea. Coastguard notified and rescued person.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: 0950 - 1520, Trichechus manatus, many / 3, At 0950, 3 manatees were observed on south side of south jetty about 100 ft from small discharge pipe associated with north jetty pumping station. Still observed mating. Seen till 1520 before lost track. A lot of snorklers & boats appeared 30 mins earlier possibly disturbing them

Observers Names Terrance N. Todd / Nathan Schwalen

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Apr / 24 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #: 123 - 127 Areas worked (stations, etc): Stations 30+00 to 56+00

Location, Lat/Long: N 26 ° 46 . 310 x W 80 ° 02 . 105

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

AIR TEMP: 18.3- 30.6 °C / °F Wind Direction and Speed NNE 15- 30knots

WATER TEMP: Surface 23.3 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Materials Dredged - Sand

Biotics - Starfish, gastropods, bivalves, barnacles, grass, sponges, mangrove proproots, various crabs (speckled swimming, ghost crabs, etc).

Abiotics - Rope, fishing line, plastic, rocks, cloth, shoes, onion bags, hooks, coral debris, metal.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

Skies partly cloudy to mostly clear throughout the day. Very strong northerly wind present throughout day with a prominent chop. Very strong current present. Skies becoming partly cloudy to mostly cloudy in early evening with occasional drizzle and scattered showers.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: None sighted, empty, empty, empty.

Observers Names Terrance N. Todd / Nathan Schwalen Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Apr / 25 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #s: 128 - 132

Areas worked (stations, etc): Stations 30⁺⁰⁰ to 56⁺⁰⁰

Location, Lat/Long: N 26 ° 46 . 310 x W 80 ° 02 . 105

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

AIR TEMP: 18.3- 30.6 ° C / ° F Wind Direction and Speed NNW 10- 15 knots

WATER TEMP: Surface 23.3 ° C / ° F Column (mid-depth) --- ° C / ° F Bottom --- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Materials Dredged - Sand

Biotics - Starfish, gastropods, bivalves, barnacles, grass, sponges, mangrove proproots, various crabs (speckled swimming, ghost crabs, etc).

Abiotics - Rope, fishing line, plastic, rocks, cloth, shoes, onion bags, hooks, coral debris, metal frisbee.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

Skies partly cloudy to mostly clear throughout the day. Sea still slightly choppy and rough. Skies becoming partly cloudy to mostly. Winds dying down as day progresses.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: None sighted.

Observers Names Terrance N. Todd / Nathan Schwalen

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

WEEKLY SUMMARY

Project Name: West Palm Beach **USACE District:** Jacksonville
Dredge Name: M/V Atchafalaya **Dredge Firm:** B + B
Contract #: W912EP-08-B-0005 **Maintenance** **/ New Work**

DATES: Apr / 19 / 2008 -- Apr / 25 / 2008 **LOADS #s:** 099 -- 132

Areas worked (stations, etc): Stations 0⁺⁰⁰ to 25⁺⁰⁰ ; 30⁺⁰⁰ to 56⁺⁰⁰

Locations, Lat/Long: N 26 ° 46 . 370 x W 80 ° 01 . 800
 Lat/Long: N 26 ° 46 . 310 x W 80 ° 02 . 110

Were there incidents involving endangered or protected species? YES NO

Which species? N/A

Comments:

Materials Dredged - Mud, Silt, Clay

Biotics – Wood, gastropods, bivalves, horseshoe crabs, sea grass, hermit crabs, starfish, polychaetes, barnacles, Portunid crabs (not blue).

Abiotics – Plastic Bottles, scrap plastic, cloth, rope, netting, rocks, calcium carbonate remains of various species of corals, fishing line, hooks, gloves, shoes,

First of the week, seas mostly calm with gentle swells through week with white caps appearing in association with tidal influences. Mid week seas completely calm. Near end of week, northern winds picked up strength bringing choppy seas and rougher conditions.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Date/Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>4-22-08 1520-1940</u>	<u>Trichechus manatus</u>	<u>Multiple / 4</u>	<u>At 1520, 4 manatees were observed on south side of south jetty about 100 ft from small discharge pipe associated with north jetty pumping station. 3 adults, 1 pup. Mating. Seen till sunset at ~1940 before lost track.</u>
<u>4-22-08 1605</u>	<u>Chelonia mydas</u>	<u>1 / 1</u>	<u>At tip of south jetty, surfaced then submerged</u>
<u>4-22-08 1831-1856</u>	<u>Tursiops truncatus</u>	<u>1 / 3 - 12</u>	<u>Feeding at tip of north jetty.</u>
<u>4-24-08 0950-1520</u>	<u>Trichechus manatus</u>	<u>Multiple / 3</u>	<u>Manatees in same spot as yesterday mating</u>

Observers' Names Terrance N. Todd / John DeFazio / Nathan Schwalen

Observer Firm Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Apr / 26 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #: 133 - 137 Areas worked (stations, etc): Stations 30 +00 to 56 +00

Location, Lat/Long: N 26 ° 46 . 350 x W 80 ° 01 . 980

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

AIR TEMP: 18.6- 32.3 ° C / ° F Wind Direction and Speed NNW 10- 15 knots

WATER TEMP: Surface 23.3 ° C / ° F Column (mid-depth) --- ° C / ° F Bottom --- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Materials Dredged - Sand

Biotics - Starfish, gastropods, bivalves, barnacles, grass, sponges, mangrove proproots, various crabs (speckled swimming, ghost crabs, etc), polychaetes.

Abiotics - Rope, fishing line, lures, plastic, rocks, cloth, shoes, onion bags, hooks, coral debris, metal.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

Skies partly cloudy to mostly clear throughout the day. Sea still slightly choppy and rough. Winds strong in morning decreasing in strength as day progressed. Skies increase in cloudiness approaching evening, decreasing after sunset.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: None sighted.

Observers Names Terrance N. Todd / Nathan Schwalen

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Apr / 28 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #s: 142 - 144 Areas worked (stations, etc): Stations 30+00 to 56+00

Location, Lat/Long: N 26° 46.310 x W 80° 02.110

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

AIR TEMP: 18.6-30.0 °C/°F Wind Direction and Speed Variable to SW 10 - 20

WATER TEMP: Surface 23.3 °C/°F Column (mid-depth) --- °C/°F Bottom --- °C/°F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Materials Dredged - Sand

Biotics - Starfish, gastropods, bivalves, barnacles, grass, mangrove proproots, various crabs (speckled swimming, ghost crabs, etc).

Abiotics - Rope, fishing line, lures, plastic, rocks, cloth, shoes, hooks, coral debris, metal, rubber, mask.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

Strong swells present till sunrise. Recommended dredging operations at 0730. Skies partly cloudy all days, with moderate winds from the SE and slightly noticeable chop in the seas calming down as day persisted. As sunset approached, skies became mostly cloudy with scattered showers visible onshore. Skies became partly cloudy approaching midnight.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: None sighted, /, /

Observers Names Terrance N. Todd / Nathan Schwalen

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Apr / 30 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #s: --- - ---

Areas worked (stations, etc): N/A

Location, Lat/Long: N N/A ° -- . --- x W N/A ° -- . ---

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

AIR TEMP: 18.6-30.0 °C / °F Wind Direction and Speed ESE 5 - 15 knots

WATER TEMP: Surface 23.3 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Dredge at dock for repairs.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: None sighted, blank, /, blank.

Observers Names Terrance N. Todd / Nathan Schwalen Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: May / 01 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #: --- - ---

Areas worked (stations, etc): N/A

Location, Lat/Long: N N/A ° -- . --- x W N/A ° -- . ---

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

AIR TEMP: 18.6-30.0 °C / °F Wind Direction and Speed ESE 5-15 knots

WATER TEMP: Surface 23.3 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Dredge at dock for repairs. Attempted to recommence dredging activities at ~1900 hrs, but more repairs were required. Returned to dock at ~2030 for further repairs.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: None sighted, blank, /, blank.

Observers Names Terrance N. Todd / Nathan Schwalen Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: May / 02 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #s: 148 - 148

Areas worked (stations, etc): Stations 30⁺⁰⁰ to 56⁺⁰⁰

Location, Lat/Long: N 26° 46.350 x W 80° 01.890

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

AIR TEMP: 18.6-30.0 °C/°F Wind Direction and Speed Variable to ESE 10 - 15

WATER TEMP: Surface 24.5 °C/°F Column (mid-depth) --- °C/°F Bottom --- °C/°F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Materials Dredged - Sand

Biotics - Starfish, gastropods, bivalves, barnacles, grass, mangrove proproots, various crabs (speckled swimming, ghost crabs, etc), polychaetes, a coconut.

Abiotics - Rope, fishing line, lures, plastic, rocks, cloth, shoes, hooks, coral debris, metal, rubber, mask, foam.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

Recommended dredging activities at ~1700 hrs. Skies partly cloudy to mostly cloudy with drizzles and scattered showers occurring during the evening hours. Seas slightly choppy with a noticeable swell.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: None sighted.

Observers Names Terrance N. Todd / Nathan Schwalen Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

WEEKLY SUMMARY

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP-08-B-0005

Maintenance / **New Work**

DATES: Apr / 26 / 2008 -- May / 02 / 2008

LOADS #s: 133 -- 148

Areas worked (stations, etc): Stations 0⁺⁰⁰ to 25⁺⁰⁰ ; 30⁺⁰⁰ to 56⁺⁰⁰

Locations, Lat/Long: N 26 ° 46 . 370 x W 80 ° 01 . 800

Lat/Long: N 26 ° 46 . 310 x W 80 ° 02 . 110

Were there incidents involving endangered or protected species? YES NO

Which species? N/A

Comments:

Materials Dredged - Sand

Biotics – Wood, gastropods, bivalves, horseshoe crabs, sea grass, hermit crabs, starfish, polychaetes, barnacles, Portunid crabs (not blue), Sea cucumbers, Skates.

Abiotics – Plastic Bottles, scrap plastic, cloth, rope, netting, rocks, calcium carbonate remains of various species of corals, fishing line, hooks, gloves, shoes, masks, fins, foam, rubber.

Throughout week, seas with a slight to moderate chop with a prominent swell also present most of the time, especially during peak tides. Skies were partly cloudy to mostly cloudy with drizzle and scattered showers occurring during evening hours. Sea conditions occasionally required a temporary halt to dredging activities. Midweek, major repairs were required causing the dredge to be dockside for several days, with dredging activities recommencing at the end of the week.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Date/Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>None Observed</u>	<u></u>	<u>/</u>	<u></u>
<u></u>	<u></u>	<u>/</u>	<u></u>
<u></u>	<u></u>	<u>/</u>	<u></u>
<u></u>	<u></u>	<u>/</u>	<u></u>
<u></u>	<u></u>	<u>/</u>	<u></u>
<u></u>	<u></u>	<u>/</u>	<u></u>
<u></u>	<u></u>	<u>/</u>	<u></u>

Observers' Names Terrance N. Todd / Nathan Schwalen

Observer Firm Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: May / 03 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #s: 149 - 152 Areas worked (stations, etc): Stations 00 to 30

Location, Lat/Long: N 26° 46.350 x W 80° 01.890

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

AIR TEMP: 18.6-30.0 °C/°F Wind Direction and Speed ESE 10-15

WATER TEMP: Surface 24.5 °C/°F Column (mid-depth) --- °C/°F Bottom --- °C/°F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Materials Dredged - Sand
Biotics - Starfish, gastropods, bivalves, barnacles, grass, mangrove proproots, various crabs (speckled swimming, ghost crabs, etc).
Abiotics - Rope, fishing line, lures, plastic, rocks, cloth, shoes, hooks, coral debris, metal, rubber, mask.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

Skies partly cloudy to mostly cloudy in morning clearing out as day progressed. Seas slightly choppy with a noticeable swell throughout day becoming very choppy during evening hours. A light drizzle occasionally during evening hours.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: None sighted, empty, /, empty.

Observers Names Terrance N. Todd / Nathan Schwalen Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: May / 04 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #: 153 - 156

Areas worked (stations, etc): Stations 00⁺⁰⁰ to 30⁺⁰⁰

Location, Lat/Long: N 26 ° 46 . 380 x W 80 ° 01 . 780

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

AIR TEMP: 18.6- 30.0 °C / °F Wind Direction and Speed SE 10 - 15

WATER TEMP: Surface 24.5 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Materials Dredged - Sand

Biotics - Starfish, gastropods, bivalves, barnacles, grass, mangrove proproots, various crabs (speckled swimming, ghost crabs, stone crab etc), polychaetes.

Abiotics - Rope, fishing line, lures, plastic, rocks, cloth, shoes, hooks, coral debris, metal, rubber, mask.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

Skies partly cloudy to mostly cloudy in morning clearing out as day progressed. Seas slightly choppy with a noticeable swell early morning slowly becoming calm as day progressed. By evening, no visible chop observed though slight swell present.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: None sighted, empty, empty, empty.

Observers Names Terrance N. Todd / Nathan Schwalen

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: May / 05 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #: 157 - 159 Areas worked (stations, etc): Stations 00 to 30

Location, Lat/Long: N 26° 46.380 x W 80° 01.780

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

AIR TEMP: 22 - 29 °C / °F Wind Direction and Speed SE 10 - 15

WATER TEMP: Surface 24.5 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Materials Dredged - Sand

Biotics - gastropods, bivalves, grass, mangrove proproots, various crabs (speckled swimming, ghost crabs, stone crab etc), polychaetes.

Abiotics - Rope, fishing line, lures, plastic, rocks, cloth, shoes, hooks, coral debris, metal, rubber, mask.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

Skies partly cloudy to mostly cloudy in morning clouds building as day progressed.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: None sighted, /, /

Observers Names Terrance N. Todd / Nathan Schwalen

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: May / 06 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #s: - Areas worked (stations, etc): N/A

Location, Lat/Long: N ° . x W ° .

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

AIR TEMP: 17-30.0 °C / °F Wind Direction and Speed SE 10 - 15

WATER TEMP: Surface 24.5 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Dredge down for dredge pump repair. No dredging was conducted.

THERE WERE NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: None sighted, /, /

Observers Names Terrance N. Todd / Nathan Schwalen

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: May / 07 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #s: - Areas worked (stations, etc): N/A

Location, Lat/Long: N ° . x W ° .

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

AIR TEMP: 20 - 30.0 °C / °F Wind Direction and Speed SE 10 - 15

WATER TEMP: Surface 24.5 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Dredge down for dredge pump repair. No dredging was conducted.
Moved dredge from inlet moorings to Port of West Palm Beach to facilitate repairs in the A.M.
THERE WERE NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: None sighted, /, /

Observers Names Terrance N. Todd / Nathan Schwalen Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: May / 08 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #s: - Areas worked (stations, etc): N/A

Location, Lat/Long: N ° . x W ° .

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

AIR TEMP: 23 - 30.0 °C / °F Wind Direction and Speed SE 12 - 18 Kts.

WATER TEMP: Surface 24.5 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Dredge down for dredge pump repair. No dredging was conducted.

Repairs near complete by end of day

THERE WERE NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: None sighted, /, /

Observers Names Terrance N. Todd / Nathan Schwalen

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: May / 09 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #s: 160 - 162

Areas worked (stations, etc): Stations 00⁺⁰⁰ to 30⁺⁰⁰

Location, Lat/Long: N 26° 46.341 x W 80° 02.242

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

AIR TEMP: 22 - 33 °C / °F Wind Direction and Speed S 8 - 12

WATER TEMP: Surface 24.5 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Materials Dredged - Sand

Biotics - gastropods, bivalves, grass, mangrove proproots, various crabs (speckled swimming, ghost crabs, stone crab etc), polychaetes.

Abiotics - Rope, fishing line, lures, plastic, rocks, cloth, shoes, hooks, coral debris, metal, rubber, mask.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: None sighted.

Observers Names Terrance N. Todd / Nathan Schwalen

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: May / 10 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #s: 160 - 162 Areas worked (stations, etc): Stations 00 to 30

Location, Lat/Long: N 26° 46.390 x W 80° 01.740

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

AIR TEMP: 22 - 33 °C / °F Wind Direction and Speed S 8 - 12

WATER TEMP: Surface 24.5 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Materials Dredged - Sand

Biotics - gastropods, bivalves, stargazer, snake eel, grass, mangrove proproots, various crabs (speckled swimming, ghost crabs, stone crab etc), polychaetes.

Abiotics - Rope, fishing line, lures, plastic, rocks, cloth, shoes, hooks, coral debris, metal, rubber, mask.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: Mid Day, T. manatus, 1 / 5, Near shore just South of jetti.

Observers Names Terrance N. Todd / Nathan Schwalen

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: May / 11 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #s: 160 - 162 Areas worked (stations, etc): Stations 00 to 30

Location, Lat/Long: N 26° 46.336 x W 80° 01.852

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

AIR TEMP: 21 - 34 °C / °F Wind Direction and Speed W 10 - 20

WATER TEMP: Surface 24.5 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Materials Dredged - Sand

Biotics - gastropods, bivalves, grass, mangrove proproots, various crabs (not blue crab), polychaetes.

Abiotics - Rope, fishing line, lures, plastic, rocks, cloth, shoes, hooks, coral debris, metal, rubber, mask.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: No Sighting, blank, /, blank.

Observers Names Terrance N. Todd / Nathan Schwalen

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: May / 12 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #s: 169 - 172

Areas worked (stations, etc): Stations 00⁺⁰⁰ to 30⁺⁰⁰

Location, Lat/Long: N 26° 46.370 x W 80° 01.720

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

AIR TEMP: 20 - 33 °C / °F Wind Direction and Speed W 10 - 20

WATER TEMP: Surface 24.5 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Materials Dredged - Sand

Biotics - gastropods, bivalves, grass, mangrove proproots,

Abiotics - Rope, fishing line, lures, plastic, rocks, cloth, shoes, hooks, coral debris, metal, rubber, mask.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: No Sighting, blank, /, blank.

Observers Names Terrance N. Todd / Nathan Schwalen

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: May / 14 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #s: 176 - N/A Areas worked (stations, etc): Stations 00 to 30

Location, Lat/Long: N 26° 46.370 x W 80° 01.830

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

AIR TEMP: 21 - 27 °C / °F Wind Direction and Speed ESE 8 - 20

WATER TEMP: Surface 24.5 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Materials Dredged - Sand

Biotics - gastropods, bivalves, grass, mangrove proproots,

Abiotics - Rope, fishing line, lures, plastic, rocks, cloth, shoes, hooks, coral debris, metal, rubber, mask.

Seas building early. Dredge at dock for weather most of the day.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Includes a row for 'No Sightings' and several empty rows.

Observers Names Terrance N. Todd / Nathan Schwalen

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: May / 15 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #s: N/A - N/A Areas worked (stations, etc): N/A

Location, Lat/Long: N 26 ° 46 . x W 80 ° 01 .

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

AIR TEMP: 21 - 28 °C / °F Wind Direction and Speed SE 18 - 20

WATER TEMP: Surface 24.5 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Dredge at Port of West Palm Beach all day due to sea conditions.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: No Sightings, /, /

Observers Names Terrance N. Todd / Nathan Schwalen

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: May / 16 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #s: 177 - 189 Areas worked (stations, etc): Stations 87 +00 to 97 +00

Location, Lat/Long: N 26 ° 46 .000 x W 80 ° 02 . 760

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

AIR TEMP: 18 - 30 °C / °F Wind Direction and Speed SSE 8 - 20

WATER TEMP: Surface 26.0 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Materials Dredged - Sand/Silt

Biotics - gastropods, grass, star fish

Abiotics - Rope, plastic, cloth

Resumed dredging in turning basin. Dumping in near-shore disposal area.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: No Sighting, /, /

Observers Names Terrance N. Todd / Nathan Schwalen

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: May / 17 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #s: 190 - 208 Areas worked (stations, etc): Stations 00 to 30

Location, Lat/Long: N 26° 46.390 x W 80° 01.740

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

AIR TEMP: 22 - 32 °C / °F Wind Direction and Speed SE-SW 6 - 18

WATER TEMP: Surface 26.0 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Materials Dredged - Sand/Silt

Biotics - gastropods, bivalves, grass, roots, horseshoe crabs (3)

Abiotics - Rope, plastic, cloth

Resumed dredging in turning basin. Dumping in near-shore disposal area.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: No Sighting, /, /

Observers Names Terrance N. Todd / Nathan Schwalen

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: May / 18 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #s: 209 - 224 Areas worked (stations, etc): Stations 00 to 30

Location, Lat/Long: N 26° 46.390 x W 80° 01.740

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

AIR TEMP: 22 - 34 °C / °F Wind Direction and Speed W- SW 8 - 12

WATER TEMP: Surface 26.0 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Materials Dredged - Sand/Silt

Biotics - gastropods, bivalves, grass, roots, shrimp, sea cucumber

Abiotics - Rope, plastic, cloth, rocks

Resumed dredging in turning basin. Dumping in near-shore disposal area.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: 1044, Chelonia mydas, 1 / 1, In Channel.

Observers Names Terrance N. Todd / Nathan Schwalen

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: May / 19 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #s: 225 - 239

Areas worked (stations, etc): Stations 00⁺⁰⁰ to 30⁺⁰⁰

Location, Lat/Long: N 26° 46.390 x W 80° 01.740

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

AIR TEMP: 22 - 34 °C / °F Wind Direction and Speed W- SW 8 - 12

WATER TEMP: Surface 25.5 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Materials Dredged - Sand/Silt

Biotics - gastropods, bivalves, grass, pistol shrimp, ghost crabs, bones.

Abiotics - Rope, plastic, cloth, rocks, vinyl, fishing line, shoes, hooks, misc trash.

Dredging near channel entrance of Lake Worth Inlet. Dumping in near-shore disposal area. Sea slightly choppy all day. Hazy in the morning clearing out during daylight hours with clouds returning in the evening. Seas becoming calm approaching midnight.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: None Sighted, blank, /, blank.

Observers Names Terrance N. Todd / Nathan Schwalen

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: May / 20 / 2008

Project Name: West Palm Beach

USACE District: Jacksonville

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912EP - 08 - B - 0005

Maintenance X / New Work

Load #s: 240 - 246

Areas worked (stations, etc): Stations 00⁺⁰⁰ to 30⁺⁰⁰

Location, Lat/Long: N 26° 46.390 x W 80° 01.740

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

AIR TEMP: 22 - 34 °C / °F Wind Direction and Speed W- SW 8 - 12

WATER TEMP: Surface 25.5 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

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):

Materials Dredged - Sand/Silt

Biotics - gastropods, bivalves, grass, polychaetes, bones, porcupine fish.

Abiotics - Rope, plastic, cloth, rocks, vinyl, fishing line, shoes, hooks, misc trash.

Dredging near channel entrance of Lake Worth Inlet. Dumping in near-shore disposal area. Seas very calm, with slight ripples present. Skies mostly cloudy early morning clearing out after sunrise. Last day of dredging. Released at 0830 hr on load 246.

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