ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** Feb 124 12007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 001 - 004 **Areas worked (stations, etc):** 160+00 → 210+00

**Location, Lat/Long:** N 27 ° 48 . 620 x W 96 ° 59 . 660

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

**AIR TEMP:** 66 - 75 °C/(F) **Wind Direction and Speed** ____

**WATER TEMP:** Surface 61-62 °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 Arrive on Site and Begin Tow 001 @ 0833
Material Dredged - Sand, Mud, Silt
Biotics - Sea grass, Wood
Abiotics - Cloth, Plastic, Misc Trash
No INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| All DAY | Tursiops truncatus | >20 / 5-8 | Between Jetties, In Channel, @ Dump |
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**Observer Names** Terrance Todd / Ta Tran

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 2 / 25 / 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 5 - 11 **Areas worked (stations, etc):** 160+00 → 210+00

**Location, Lat/Long:** N 27 ° 48 . 620 x W 96 ° 59 . 662

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

**AIR TEMP:** 65 °C/°F **Wind Direction and Speed** ESE @ 10-15 Kts

**WATER TEMP:** Surface 62 °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

**Condition of deflector:** Good **Condition of screening:** ____

**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):**

No incidents involving endangered or protected species

Dredged material: mud, clay, sand

Biota: snakehead (5), stone crab, shrimp, sangassum, Barnacles, Croakers, Turtle Grass

Abiota: trash, plastic, netting, fishing line, rope

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
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**Observer Names** Terrance Todd, Tu Tran

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 02 / 26 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 012 - 023 **Areas worked (stations, etc):** 160+00 → 210+00

**Location, Lat/Long:** N 27 ° 48 . 620 x W 96 ° 59 . 660

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

**AIR TEMP:** 61-64 °C/°F **Wind Direction and Speed** SSE 5-10

**WATER TEMP:** Surface 62 °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, SOME MUD

BIOTICS - Seagrass, Marsh Cordgrass, Sargassum, Wood, Polychaetes, Bivalves, gastropods, Barnacles, Shrimp, Mantis Shrimp, Sea bisquits, Urchins, Tunicates, Tonguefish, Snake eels, croakers, Porcelan crabs.

ABIOTICS - Plastic, Metal, Aluminum, Fiberglass, PVC, Glass, Dive mask, Shoes, Socks, rubber, Foam, fishing line, Netting, Hooks, wire, Rope, (1) 2002 Nickel.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| All Day | Tursiops truncatus | >20 / 2-4 | Near Dig site, In Channel & Dump |
| | | / | |
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**Observer Names** Terrance Todd / Tu Tran

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 2 / 27 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 24 - 40 **Areas worked (stations, etc):** 160+00 - 210+00

**Location, Lat/Long:** N 27 ° 48 . 620 x W 96 ° 59 . 660

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

**AIR TEMP:** 65 °C/°F **Wind Direction and Speed** S @ 5-10 kts

**WATER TEMP:** Surface 65 °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 /

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

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

No incidents involving endangered or protected species

Dredged material: mud, sand

Biota: snakehead (4), stone crab, whelks, sargassum, polychaetes, groundmullet, Barnacles

Abiota: trash; rag, rope, netting, fishing line

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
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**Observer Names** Tu Tu Terrance Todd

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 2 / 20 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 41 - 56 **Areas worked (stations, etc):** 160+00 - 210+00

**Location, Lat/Long:** N 27 ° 48 . 620 x W 96 ° 59 . 660

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

**AIR TEMP:** 64 °C/°F **Wind Direction and Speed** S @ 5-10 kts

**WATER TEMP:** Surface 61 °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 /

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

**Comments (type of material, biological specimens, unusual circumstances, etc):**
No incidents involving endangered or protected species
Dredged material: clay, mud
Biota: whelks, snakehead (2), stone crab (4), Wood, Sargassum, Barnacles, Bivalves, Polychaetes, mantis shrimp
Abiota: trash, (1) Camera

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
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**Observer Names** Terrance Todd, Tu Tran

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 3 / 1 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 56 - 67 **Areas worked (stations, etc):** 160+00 - 210+00

**Location, Lat/Long:** N 27 ° 48 . 620 x W 95 ° 59 . 660

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

**AIR TEMP:** 66 °C/°F **Wind Direction and Speed** ENE @ 5-10 KTS

**WATER TEMP:** Surface 61 °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 /

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

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

No incidents involving endangered or protected species

Dredged material: mud, clay, sand

Biota: whelks, stone crab, Sargassum, Barnacles, Polychaetes

Abiota: trash; fishing line, netting, plastic

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
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**Observer Names** Terrence Todd Tim Tim

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 03 / 02 / 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 068 - 077 **Areas worked (stations, etc):** 160 +00 → 210 +00

**Location, Lat/Long:** N 27 ° 48 . 620 x W 95 ° 59 . 660

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

**AIR TEMP:** 72-62 °C/°F **Wind Direction and Speed** NE 15-20

**WATER TEMP:** Surface 63 °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 ✓

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

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

Materials Dredged – Mud, Silt, Sand

Biotics – Sargassum, Snake eels, Barnacles, Bivalves, Gastropods, Polychaetes, (1) Southern Stingray, Seagrass, wood

Abiotics – Plastic, rope, cloth, metal, Styrofoam, Netting, PVC, Fiberglass

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
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| | | / | |

**Observer Names** Terrance Todd / Tu Tran

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** Mar / 03 / 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** M/V Columbia **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **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:** 62-76 °C/°F **Wind Direction and Speed** N 15-20

**WATER TEMP:** Surface 63 °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 Pump Damaged. No Dredging Activity Occured.
Just Sailing Till Part Arrives.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| All Day | Tursiops truncatus | > 20 / 3-9 | Jetty Entrance, In Channel, @ Dump |
| | | / | |
| | | / | |
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| | | / | |

**Observer Names** Terrance Todd

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** MAR/04 /2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **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:** 56 - 71 °C/°F **Wind Direction and Speed** NE 15-20

**WATER TEMP:** Surface 63 °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 Pump Still NOT Repaired.

STILL AT DUMP SITE WAITING FOR PARTS.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| ALL DAY | Tursiops truncatus | >20 / 2-5 | AT Dump Site / New Jetties All Day |
| | | / | |
| | | / | |
| | | / | |
| | | / | |
| | | / | |
| | | / | |

**Observer Names** Terrance Todd / Sarah Jane Dees

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** MAR / 05 / 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **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:** 14-17 (°C) / °F **Wind Direction and Speed** SE 10-15

**WATER TEMP:** Surface 16.6 (°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):**

STILL WAITING FOR REPAIRS

SHIP UNDER SAIL NEAR DUMP SITE

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| ALL DAY | Tursiops truncatus | >20 / 6-24 | Everywhere ALL DAY |
| ALL DAY | Comarants | >20 / >20 | Everywhere ALL DAY. SAW ONE ATTACHED BY SHARK |
| | | / | |
| 1330 | Galeocerdo cuvieri | 1 / 1 | 9'-13' Tiger shark at Entrance of Jetty |
| | | / | |
| ALL DAY | Gulls | >20 / >20 | EVERY where |
| | | / | |

**Observer Names** Terrance Todd / Sarah Jane Dees

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** MAR / 06 / 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** M/V Columbia **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 78 - 88 **Areas worked (stations, etc):** 160+00 → 210+00

**Location, Lat/Long:** N 27 ° 48 . 620 x W 95 ° 59 . 660

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

**AIR TEMP:** 14.3 - 18.5 °C/°F **Wind Direction and Speed** SES - 15

**WATER TEMP:** Surface 16.3 - 16.5 °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 - Mud, Sand, Silt.

Biotics - Algae, Seagrass, Marsh Cordgrass, Detritus, Sargassum, Bivalves, Gastropods, Polychaetes (Serpunlids, Capellids) Snake Eel, wood

A-Biotics - plastic, cloth, fishing line, rope, metal, aluminum cans, oil filter, netting, shoes, dive mask, control panel from a crane, cable, and misc. trash.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| Daylight (AM) | Bottle nose dolphin | 5 / pod of 4 | seemed to be following us, but always on Starboard side |
| Daylight | Brown pelican | throughout / 1-2 | Flying near & over us in channel & dump sites |

**Observer Names** Sarah Jane Dees & Terrance Todd

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** MAR / 07 / 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 89 - 100 **Areas worked (stations, etc):** 160+00 → 210+00

**Location, Lat/Long:** N 27 ° 48 . 800 x W 95 ° 59/00. 750/390

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

**AIR TEMP:** 18 (°C) °F **Wind Direction and Speed** SE 5-10 kts

**WATER TEMP:** Surface 18 (°C) °F Column (mid-depth) X °C / °F Bottom X °C / °F

**Condition of deflector:** OK **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: Sand, mud

BIOLOGICAL: Bivalves, polycheates, gastropods, starfish, grass, algae, wood, (3) snake eels (ophicethus gomesei) spartina alterna flora

Non-Biological: fishing line, netting, rope, plastic (bags/liners, bottles, misc. pieces), PVC, cloth, elastic, aluminum cans, hooks, onion sack, 1-converse tennis shoe, baseball cap, cable, rubber, metal parts glass, 1-boot, 1-dive mask, 1-lei, crab-trap pieces

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| Day light | bottlenose dolphins | 5-10 / 1-4 | In channel & around dump sites |
| 24-hours | seagulls | 10-15 / 1-8 | Flying over dredge |
| Day light | brown pelican | 1-5 / 1-5 | Flying over channel & dump sites |

**Observer Names** Sarah Jane Dees / Terrance Todd

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 3 / 8 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 101 - 112 **Areas worked (stations, etc):** 160+00 → 210+00

**Location, Lat/Long:** N 27 ° 48 . 750 x W 96 ° 59 . 700

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

**AIR TEMP:** 18.5 (°C) °F **Wind Direction and Speed** E 5-10 kts.

**WATER TEMP:** Surface 18.0 (°C) °F Column (mid-depth) X °C/°F Bottom X °C/°F

**Condition of deflector:** OK **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: Sand, mud, silt

Biotics: wood, bivalves, algae, polycheates, (Capellods & bristleworms), starfishes, 1-whiting, grass, 1-shrimp tail, spartana alterna flora,

A-Biotics: fishing line, Hooks!, wire, netting, plastic screening, PVC, rope, plastic bags/liners, aluminum cans, large artificial sponge, Clothing, shoes, 3-dive masks, 1-needle gun, rubber tubing, onion sack, nylon, metal mechanical parts, fiber glass, foam, 1-dive fin

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| Daylight | bottle nose dolphins | 5-10 / 4-12 | larger pod of 12 returned today sited this morning @ channel |
| Daylight | brown pelicans | 5-10 / 1-12 | flying @ channel & jetties |
| Daylight | seagulls | various | flying behind dredge as dumping (looking for food (snake eels) in dump material before settling) |

**Observer Names** Sarah Jane Dees / Terrance Todd

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 3 / 9 / 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 113 - ~~126~~ 125 **Areas worked (stations, etc):** 160+00 → 210+00

**Location, Lat/Long:** N 27 ° 48 . 620 x W 96 ° 59 . 660

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

**AIR TEMP:** 18.6 - 21.6 °C/°F **Wind Direction and Speed** ESE 5-10

**WATER TEMP:** Surface 17.3 - 18.5 °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):**

material: sand/mud/silt

Biological: algae, polycheates, gastropods, bivalves, starfish, wood, grass 1-cephelopod (3" common squid), 1-tongue fish (symphurus family) whelk egg casings, 1-juvenile whiting,

Non Biological: rope, fishing line & hooks, plastic (bags/liners & hard pieces) netting, onion sack, wire screening, cloth/clothing (hats, shirts, shorts), elastic, swim goggles, aluminum cans, PVC, metal, 1-small anchor, rubber tubing, chain, 1-golf ball, galvanized chain, foam, shoe sole, crab trap pieces, sandals & misc. muddy unidentifyable pieces of trash.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| 1245 (Load #121) | Unknow Turtle → most likely green | 1 / 1 | Was spotted Towards Dump In vicinity of Buoy 3 |
| | | / | Was about 150 ft West of 27°49.050 N, 97°04.440 W |
| | | / | About 1½' to 2½' long. Stayed at surface resting |
| | | / | Observed for 4 mins - To Far Away To Make Positive I.D. |
| | | / | |
| All DAY | Tursiops truncatus | / | Throughout Area Swimming, feeding, And playing |
| | | / | |

**Observer Names** Terrance Todd / Sarah Jane Dees

**Observer Firm** Coastwise Consulting

= FIRST sea turtle sighting since project began

ENDANGERED SPECIES OBSERVER PROGRAM

# WEEKLY SUMMARY

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract #** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Dates:** 3 / 10 / 07 - 3 / 16 / 07 **Load #s:** 126 / 193

**Areas worked (stations, etc):** 160+00 → 210+00

**Locations,** **Lat/Long:** N 27 ° 48 . 815 x W 96 ° 59 . 970

**Lat/Long:** N ____ ° ____ . ____ x W ____ ° ____ . ____

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

**Which species?** N/A

**Comments:** 3/10/07 @ 22:00 we lost Dump Valve #3 from hull & did not dig until repair patch completed 3/13/07.

MATERIAL: sand, mud, clay, silt

BIOLOGICAL: (2-young blue crabs (1-2")), wood, jellyfish tentacle (no body) shrimp shake eds, spider crabs, sea stars, sargassum, sea grass, brown algae, gastropods, bivalves, coconut, moon snail whelk, pen shell, 2-large adult red drum (3-4')

NON-BIOLOGICAL: produce bags/onion sack, plastic (bags/liners, jugs, pieces, bottles, pieces, monofilament line, netting, rope, rubber, cloth, styrofoam, aluminum, metal, goggles, tape, wire, firehose, fiberglass, hooks, sunglasses, fishing leaders, pipe, foam, welding mask, string, crabpot, plastic sheeting, milkcrate, bucket, angle iron, balloons, fan guard

## BRIDGE WATCH SUMMARY

| Date/Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| 3/10/07 @ 18:00 | ♀ Yellow rumped warbler | 1 / 1 | Landed on dredge, then flew to shore |
| All week @ daylight | bottlenose dolphin | various | swimming, playing, feeding @ channel |
| All week @ daylight | seagulls & pelicans | various | Flying over ship & dump sites to feed |

**Observers Names** Nikki Zavinski & Sarah Jane Dees

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 3 / 10 / 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 126 - 137 **Areas worked (stations, etc):** 160+00 → 210+00

**Location, Lat/Long:** N 27 ° 48 . 970 x W 97 ° 00 . 460

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

**AIR TEMP:** 19.5 (C)° F **Wind Direction and Speed** SE → E 5-12 kts.

**WATER TEMP:** Surface 20.0 (C)° F Column (mid-depth) X °C/°F Bottom X °C/°F

**Condition of deflector:** OK **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):**

MATERIAL: Sand, mud, silt

BIOLOGICAL: wood, sea grass, sargassum, seastars (2), penshell, brown algae, ~~gastropods~~, bivalves, gastropods, large adult red drum (2 - each over 3 feet)

NON BIOLOGICAL: netting, fishing line, plastic (bags/liners & pieces), produce bags (onion sack) rope, cloth, hooks, balloons, metal/mechanical parts, monofilament line, bucket, cable, aluminum, fan guard

★ At @ 22:00 we lost ~~one~~ #3 Dump valve (separated from hull & fell out into channel). Stop digging load #138. Expected down & recovery time at least a few days...

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| 18:00 | Yellow-Rumped ♀ Warbler | 1 / 1 | Landed on dredge for few mins. then flew to shore (Dredge 2.6 miles out) |
| Am | Bottle nose dolphin | 1 / 1 | Swimming "low key" today @ channel only surfacing 1 or 2x |
| Daylight | Brown pelican & seagulls | various | Flying over & aft of ship, looking for food in overflow & dump before settling. |

**Observer Names** Sarah Jane Dees & Nikki Zavinsky

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 3 / 11 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

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

**Location, Lat/Long:** N____°____.____ x W____°____.____

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

**AIR TEMP:** ____ °C/°F **Wind Direction and Speed** ____

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

**Condition of deflector:** ____ **Condition of screening:** ____

**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):** ____

STILL AT DOCK, MAKING REPAIRS ON LOSS OF DUMP VALVE #3

NO INCIDENTS OR SIGHTINGS OF ENDANGERED OR PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observer Names** Sarah Jane Dees & Nikki Zavinsky

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 3 / 12 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

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

**Location, Lat/Long:** N____°____.____ x W____°____.____

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

**AIR TEMP:** ____ °C/°F **Wind Direction and Speed** ____

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

**Condition of deflector:** ____ **Condition of screening:** ____

**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):**

STILL DOWN DUE TO LOSS OF DUMP VALVE #3.
MOVED TO FUEL DOCK THIS EVENING.

NO INCIDENTS OR SIGHTINGS OF ENDANGERED OR PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observer Names** Sarah Jane Dees & Nikki Zavinsky

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 3 / 13 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** M/V Columbia **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 139 - 143 **Areas worked (stations, etc):** 160+00 → 210+00

**Location, Lat/Long:** N 27° 48.970 x W 97° 00.460

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

**AIR TEMP:** 20 (°C) °F **Wind Direction and Speed** SE 5-10 kts

**WATER TEMP:** Surface 20 (°C) °F Column (mid-depth) X °C/°F Bottom X °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):**

COMPLETED PATCH REPAIR FOR VALVE #3. ASSUMED DIGGING PM.

MATERIALS: Sand, mud, clay

BIOLOGICAL: Sea grass, wood, sea stars (11)

NON-BIOLOGICAL: Netting, line, plastic rope, cloth, milk crate, bucket, produce bags, monofilament line, rubber tubing, angle iron, wire

NO INCIDENTS OR SIGHTINGS OF ENDANGERED OR PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| AM - daylight | Bottle nose dolphin | 1 pod / 8 | Played (VERY PLAYFUL) in channel @ fuel dock stayed & played @ boat for hours, same pod (split into groups of 2-3) |
| ~~Daylight~~ ~~Brown Pelicans~~ ~~Seagulls~~ | Brown Pelicans & Seagulls | various | Flying & feeding & resting in channel |

**Observer Names** Nickie Zavinsky & Sarah Jane Dees

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 3/14/07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** M/V Columbia **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 144 - 159 **Areas worked (stations, etc):** 160+00 → 210+00

**Location, Lat/Long:** N 27 ° 48 . 680 x W 96 ° 59 . 750

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

**AIR TEMP:** 16.7-23.9 (°C) °F **Wind Direction and Speed** SE 10-15 kts.

**WATER TEMP:** Surface 19 (°C) °F Column (mid-depth) — °C/°F Bottom — °C/°F

**Condition of deflector:** Good **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):**

MATERIAL: Sand

BIOLOGICAL: wood, sea grass, sea stars, sargassum, crabs, bivalves, gastropods

NON-BIOLOGICAL: netting, cloth, monofilament/fishing line, plastic (pieces & bags/liners), rope, foam/artificial sponge, aluminum cans, rubber, welding mask, string, wire, crab pot, synthetic produce bags, plastic sheeting, spray bottle & misc. trash

NO INCIDENTS OR SIGHTINGS INVOLVING ENDANGERED OR PROTECTED SPECIES.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| Daylight | seagulls | various | flying over dredge @ dump site |
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**Observer Names** Nickie Zavinsky & Sarah Jane Dees

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 3 / 15 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 160 - 177 **Areas worked (stations, etc):** 160+00 → 210+00

**Location, Lat/Long:** N 27 ° 48 . 670 x W 96 ° 59 . 665

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

**AIR TEMP:** 18.0-24.7 (°C) °F **Wind Direction and Speed** N → SE 10-15 kts

**WATER TEMP:** Surface 19 (°C) °F Column (mid-depth) / °C / °F Bottom / °C / °F

**Condition of deflector:** OK **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: Sand & mud

BIOLOGICAL: Wood, Sea grass, Sargassum, sea stars, shrimp snake eels, spider crabs, whelk,

NON-BIOLOGICAL: plastic, rope, monofilament line, netting, cloth, aluminum cans, metal, produce bags/ onion sacks, hooks, wire, rubber, sunglasses, fishing leaders, metal pipe, misc. trash.

NO INCIDENTS OR SIGHTINGS OF ENDANGERED OR PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| Daylight | Seagulls | Various / | Flying around & above hopper & dump material @ disposal site |
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**Observer Names** Nickie Zavinski & Sarah Jane Dees

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 3 / 16 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** M/V Columbia **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 178 - 193 **Areas worked (stations, etc):** 160+00 → 210+00

**Location, Lat/Long:** N 27 ° 48 . 815 x W 96 ° 59 . 970

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

**AIR TEMP:** 17-29 (°C) °F **Wind Direction and Speed** NNE 5-15 kts.

**WATER TEMP: Surface** 18 (°C) °F **Column (mid-depth)** / °C/°F **Bottom** / °C/°F

**Condition of deflector:** Good **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):**

MATERIAL: Sand

BIOLOGICAL: (2-young blue crabs (1-2")), wood, jellyfish tentacles (no body), 2-shrimp/snake eels, spider crabs-8, seastars, sargassum, sea grass, brown algae, gastropods, bivalves, coconut, moon shell

NON BIOLOGICAL: produce bags/onion sack, plastic (bags/liners, jug, pieces) monofilament line, netting, rope, rubber, cloth, stynofoam cup, aluminum cans, goggles, metal, tape, wire, fire hose, fiberglass & misc. trash

NO INCIDENTS OR SIGHTINGS INVOLVING ENDANGERED OR PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| Am @ 9-10 | Bottlenose dolphin | 3 / 3-5 | just sw of Channel, feeding & playing |
| Daylight | Seagulls | various | flying over dredge disposal to feed |

**Observer Names** Nickie Zavinsky & Sarah Jane Dees

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# WEEKLY SUMMARY

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract #** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Dates:** 3 / 17 / 07 - 3 / 23 / 07 **Load #s:** 194 / 242

**Areas worked (stations, etc):** 160+00 → 210+00

**Locations,** **Lat/Long:** N 27 ° 48 . 620 x W 95 ° 59 . 660

**Lat/Long:** N 27 ° 49 . 050 x W 97 ° 00 . 440

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

**Which species?** N/A

**Comments:** Went to Dock, "TX Dock & Rail @ Tule" 3/19 AM - 3/22 AM for repairs and maintenance, including replace Dump Valve #3

MATERIAL: Sand, mud, rock

BIOLOGICAL: wood, sea grass, sea stars, spartanae alterna flora, sargassum, brown algae, green kelp, bivalves, gastropods, blue crabs, spider crabs, whelks, L southern stingray, snake eels, moon snails, pen shell

Non BIOLOGICAL: tarp, onion sack, plastic, line, aluminum cans, rope, hooks, wire, monofilament line, duct tape, cloth, hat, netting, pvc pipe, water jug, foam, rubber twine, kite, metal, drive belt, clorox bottle, inflatable pool toy, tackle, frying skillet, small metal anchor, knife, fiberglass, plastic strapping; cooler, watering can, misc. trash.

## BRIDGE WATCH SUMMARY

| Date/Time | Species | # Sightings/# Animals | Location/Comments |
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**Observers Names** Sarah Jane Dees & Nikki Zavinski

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 3 / 17 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** M/V Columbia **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 194 - 211 **Areas worked (stations, etc):** 160+00 → 210+00

**Location, Lat/Long:** N 27 ° 48 . 815 x W 96 ° 59 . 970

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

**AIR TEMP:** 17.6 → 24 (°C) °F **Wind Direction and Speed** NNE → S 10-15 kts

**WATER TEMP:** Surface 18.5 (°C) °F Column (mid-depth) / °C / °F Bottom / °C / °F

**Condition of deflector:** OK **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: sand, mud

BIOLOGICAL: wood, sea grass, sea stars, spartanae alterna flora, sargassum, brown algae, green kelp, bivalves, gastropods, spider crab

NON-BIOLOGICAL: monofilament line, rope, plastic, produce bag/onion sack, foam, cloth, aluminum cans, frying skillet, netting, hooks, baseball cap, small metal anchor, wire, rubber, knife, plastic strapping, fiberglass, cooler, watering can & misc. trash.

NO INCIDENTS OR SIGHTINGS OF ENDANGERED/PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observer Names** Sarah Jane Dees & Nikki Zavinski

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 3 / 18 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 217 - 228 **Areas worked (stations, etc):** 160+00 → 210+00

**Location, Lat/Long:** N 27 ° 48 . 815 x W 96 ° 59 . 970

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

**AIR TEMP:** 18-25 (°C) °F **Wind Direction and Speed** SE 10-15 kts.

**WATER TEMP:** Surface 19.6 (°C) °F Column (mid-depth) / °C °F Bottom / °C °F

**Condition of deflector:** OK **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: sand, mud, rock

BIOLOGICAL: wood, sea grass, ★1-juvenile blue crab, bivalves, sea stars, spider crabs, 1-large 13" whelk, 1-southern sting ray,

NON-BIOLOGICAL: wire netting/screen, plastic, produce bags/onion sacks, netting, water jug (5-gal), tarp, monofilament line, rope, foam, rubber, twine, plastic kite, metal, aluminum can, drive belt, clorox bottle, cloth, wire, inflatable pool toy, tackle, misc. trash

NO INCIDENTS OR SIGHTINGS OF ENDANGERED/PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observer Names** Sarah Jane Dees & Nikki Zavinski

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 3 / 19 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 229 - 234 **Areas worked (stations, etc):** 160+00 → 210+00

**Location, Lat/Long:** N 27 ° 48 . 815 x W 96 ° 59 . 970

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

**AIR TEMP:** 19 (°C) °F **Wind Direction and Speed** ESE 10-15 kts

**WATER TEMP: Surface** 20 (°C) °F **Column (mid-depth)** / °C / °F **Bottom** / °C / °F

**Condition of deflector:** OK **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: sand, mud & 1-rock

BIOLOGICAL: wood, bivalves, gastropod, (& 1- very old/decaying severed fish head) & sea grass

NON-BIOLOGICAL: rope, line, plastic, baseball hat, rubber, produce bag/onion sack, netting, tarp material, misc. trash.

@08:00 proceeded to "TX Docks & Rail" dock by Lake Tule to conduct various maintenance.

NO INCIDENTS/SIGHTINGS INVOLVING ENDANGERED/PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observer Names** Nikki Zavinski & Sarah Jane Dees

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 3 / 20 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** ____ - ____ **Areas worked (stations, etc):** ____

**Location, Lat/Long:** N ____ ° ____ . ____ x W ____ ° ____ . ____

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

**AIR TEMP:** ____ °C/°F **Wind Direction and Speed** ____

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

**Condition of deflector:** ____ **Condition of screening:** ____

**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):** N/A

STILL AT "TEXAS DOCKS AND RAIL" (DOCK 2) PERFORMING REPAIRS AND MAINTENANCE; AWAITING IMPROVEMENT OF WEATHER CONDITIONS.

*NO INCIDENTS INVOLVING ENDANGERED/PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observer Names** Sarah Jane Dees & Nikki Zavinski

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 3 / 20 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** ____ - ____ **Areas worked (stations, etc):** ____

**Location, Lat/Long:** N ____ ° ____ . ____ x W ____ ° ____ . ____

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

**AIR TEMP:** ____ °C/°F **Wind Direction and Speed** ____

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

**Condition of deflector:** ____ **Condition of screening:** ____

**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):** N/A

STILL AT "TEXAS DOCKS AND RAIL" (DOCK 2) PERFORMING REPAIRS AND MAINTENANCE; AWAITING IMPROVEMENT OF WEATHER CONDITIONS.

*NO INCIDENTS INVOLVING ENDANGERED/PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observer Names** Sarah Jane Dees & Nikki Zavinski

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 3 / 22 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 235 - 236 **Areas worked (stations, etc):** 160+00 → 210+00

**Location, Lat/Long:** N 27 ° 48 . 815 x W 96 ° 59 . 870

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

**AIR TEMP:** 26 (°C) °F **Wind Direction and Speed** SE 15-25 kts.

**WATER TEMP:** Surface 21.1 (°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: sand

BIOLOGICAL: wood, sargassum, @ 10 sea stars, @ 3 snake eels, 1 whelk (10") 3 blue crabs (small 1-2"), 1 moon snail

NON-BIOLOGICAL: plastic, cloth, net, monofilament line, rope, hat, wire, pvc pipe, aluminum can, onion sack

NO INCIDENTS INVOLVING ENDANGERED/PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observer Names** Sarah Jane Dees & Nikki Zavinski

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 3 / 23 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 237 - 242 **Areas worked (stations, etc):** 160+00 → 210+00

**Location, Lat/Long:** N 27 ° 48 . 815 x W 96 ° 59 . 970

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

**AIR TEMP:** 20-27 (°C) °F **Wind Direction and Speed** SE 15-25 kts

**WATER TEMP:** Surface 20.6 (°C) °F Column (mid-depth) — °C / °F Bottom — °C / °F

**Condition of deflector:** Okay **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: Sand

BIOLOGICAL: wood & big logs, sea grass sargassum, spider crabs, blue crabs, sea stars, snake eel, spartana alterna flora, penshell, bivalves, gastropods,

NON BIOLOGICAL: tarp, onion sack, plastic bags/liners, line, aluminum cans, rope, hooks, wire, monofilament line, duct tape, cloth, hat, misc. trash.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| N/A | | / | |
| | | / | |
| | | / | |
| | | / | |
| | | / | |
| | | / | |
| | | / | |

**Observer Names** Sarah Jane Dees & Nikki Zavinski

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 3/24/07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 243 - 244 **Areas worked (stations, etc):** 160+00 → 210+00

**Location, Lat/Long:** N 27 ° 48 . 815 x W 96 ° 59 . 970

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

**AIR TEMP:** 21 (°C) °F **Wind Direction and Speed** SE 15-25 kts

**WATER TEMP:** Surface 21 (°C) °F Column (mid-depth) — °C/°F Bottom — °C/°F

**Condition of deflector:** Okay **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):**

MATERIAL: Sand

BIOLOGICAL: wood, sea grass, 1-large adult blue crab (4-5" carapace), whelk egg casing, sea whips, small snake eel, bivalves, 1-large gastropod, 1-small piece of sea anenome, brown sargassum, pen shell, 1 tongue fish (1-2"), 1-VERY old & decaying fish head, 1-mangled shrimp

NON-BIOLOGICAL: plastic jugs, large pieces of tar, plastic bags/liners, produce/onion sack, sunglasses, plastic dive ring/toy, 2-hats, cloth, elastic, work boot, line, netting, rope, asain noodle packaging, plastic bottles & misc. trash.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| NO INCIDENTS INVOLVING ENDANGERED/PROTECTED SPECIES | | | |
| SPENT MAJORITY OF DAY AT MIDSTREAM FUEL DOCK (09:00 – 21:30) DUE TO ROUGH SEAS. | | | |

**Observer Names** Nikki Zavinski & Sarah Jane Dees

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 3/25/07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 245 - 252 **Areas worked (stations, etc):** 160+00 → 210+00 (concentrated on 160+00 → 180+00)

**Location, Lat/Long:** N 27 ° 48 . 815 x W 96 ° 59 . 970

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

**AIR TEMP:** 21.2 - 25.3 (C) °F **Wind Direction and Speed** ESE 10-15 kts

**WATER TEMP:** Surface 21.5 (°C) °F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

**Condition of deflector:** Okay **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):**

MATERIAL: sand

BIOLOGICAL: 4 Blue crabs, pen shell, barnacles (pink), sea stars, moon snail, sargassum, wood, algae, bone, sea grass, bivalves, 1-oyster shell, gastropod,

NON-BIOLOGICAL: onion sacks, aluminum cans, rope, line, T.E.D. net, cloth/clothing, tar, shoe sole, plastic (bags/liners, toys, jugs, lid to bucket, tupperware, bottles), dive mask, wire, fiberglass, windshield wiper and misc. trash.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| Daylight | Seagulls | Various / | Flying overhopper - looking for food |
| | | / | |
| | | / | |
| | | / | |
| | | / | |
| | | / | |

**Observer Names** Sarah Jane Dees & Nikki Zavinski

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 3 / 26 / 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 253 - 258 **Areas worked (stations, etc):** 160+00 → 210+00, then 120+00 → 160+

**Location, Lat/Long:** N 27 ° 48 . 815 x W 96 ° 59 . 970
Then N 27° 49 . 230 x W 97° 00 . 765

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

**AIR TEMP:** 21.4 → 23.6 °C/°F **Wind Direction and Speed** SE 15-20 kts.

**WATER TEMP: Surface** 21.4 °C/°F **Column (mid-depth)** ____ °C/°F **Bottom** ____ °C/°F

**Condition of deflector:** Okay **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: sand, mud

BIOLOGICAL: sargassum, bivalves, wood, snake eels, shrimp, polychaetes, sea stars, spider crabs, blue crab, oyster shells, pink barnacles, algae, keyhole urchin, flat worms, sponge, moon snail, brittle stars, gastropods

NON-BIOLOGICAL: wire, aluminum cans, duct tape, plastic, rope, onion sack, cloth, net, line, hooks, leaders, swim goggles, crab pot, screening, hat, shoe, coal, plastic bucket, fan belt, dive mask & misc. trash

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| 11:00 | Cattle Egrets | 1 / 3 | (w/breeding plumage). Landed on dredge & sat for ~ hour. Then flew toward jetties. |
| Daylight | Bottle nose dolphin | numerous / 1-~~4~~6 | Following trawler |
| Daylight | Seagulls | various | Flying over hopper & overflow/dump areas - feeding. |

**Observer Names** Sarah Jane Dees & Nikki Zavinski

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 3 / 27 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 259 - 264 **Areas worked (stations, etc):** 120+00 → 160+00

**Location, Lat/Long:** N 27 ° 49. 230 x W 97 ° 00. 765

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

**AIR TEMP:** 21.0-25.9 (°C) °F **Wind Direction and Speed** SE → 10-15 kts

**WATER TEMP: Surface** 21.5 (°C) °F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

**Condition of deflector:** Okay **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):**

MATERIAL: Sand & mud

BIOLOGICAL: Sargassum, sea grass, ~~[illegible]~~ wood, bivalves, gastropods, sea whips, whelks & whelk egg casings, oyster shells, sea stars, polychaetes, horseconch, large hermit crab, spider crab, gooseneck & acorn barnacles, 2 fish, algal, shrimp, snake eel

NON BIOLOGICAL: metal, wire, aluminum cans, plastic bottles, plastic, rubber, large mechanical filter, swim goggles, rope, line, metal railing, cloth, plastic lid, dive mask, net bags, fishing tackle, crab pot, eyeglasses, & misc. trash.

NO INCIDENTS INVOLVING ENDANGERED/PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| 09:20 | bottlenose dolphin | 1 / 3 | Swimming portside outbound channel |
| 09:40 | brown pelicans | 2 / 2/3 | Sitting afloat in channel |
| 10:15 | bottlenose dolphin | 1 / 3 | swimming astern inbound in channel |
| | | / | |
| throughout daylight | seagulls of course! | various | looking for a free meal via The Columbia |
| | | / | |
| | | / | |

**Observer Names** Sarah Jane Dees & Nikki Zavinski

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 3 / 28 / 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 265 - 271 **Areas worked (stations, etc):** 120+00 → 160+00

**Location, Lat/Long:** N 27 ° 49. 230 x W 97 ° 00. 765

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

**AIR TEMP:** 21.4 - 25.8 (C) / °F **Wind Direction and Speed** SE 10-15 kts → SW 15-20kts

**WATER TEMP:** Surface 22.3 (°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: Sand, Shale

BIOLOGICAL: Sea grass, sargassum, wood, sea stars, blue crabs, sea whips, bivalves, gastropods, barnacles, whelks & whelk egg casings, oyster shells, green kelp, spartana alterna flora, algae, spider crab, polychaetes, pen shells,

NON-BIOLOGICAL: tires, rope, coal, plastic (jug, bottles, bags/liners) Cloth, shoe, line, rubber hose, woven produce bags, cloth, aluminum cans, swim fin, bolts & shackles, netting, crab pot, hat, metal, tackle, hooks, shrimp boat licence plate, & misc. trash

NO INCIDENTS INVOLVING ENDANGERED/PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| @ 10:30 | Brown pelicans | 2 / 2 / 12-14 | Sitting afloat in channel |
| Load # 269 | Tursiops turnoatus | 12-15 / 6-20+ | Throughout dig & disposal site in transit |
| Load # 270 | " " | 15-20 / 5-25+ | " " " " " |

**Observer Names** Sarah Jane Dees & Nikki Zavinski

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 3 / 29 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 272 - —— **Areas worked (stations, etc):** 120 + 00 → 160 + 00

**Location, Lat/Long:** N 27 ° 49 . 230 x W 97 ° 00 . 765

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

**AIR TEMP:** 23 (°C) °F **Wind Direction and Speed** SSE 20-25 kts

**WATER TEMP:** Surface 22.3 (°C) °F Column (mid-depth) —— °C / °F Bottom —— °C / °F

**Condition of deflector:** Good **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):**

MATERIAL: sand

BIOLOGICAL: algae, sea grass, spartanae alterna flora, sea whips, 4-blue crabs, sea stars, bivalve shells, oyster shells, pen shell, whelk & egg casings wood

NON-BIOLOGICAL: frisbee, plastic, onion sack, metal, aluminum cans, cloth, rope, hat, sunglasses, line, tackle, misc. trash

★After load # 272 - we headed into Midstream Fuel Dock due to weather/sea conditions. Secured & tied @ 02:00. Remained tied at dock until conditions improve (wind.)

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| | | / | |
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| | | / | |

**Observer Names** Sarah Jane Dees & Nikki Zavinski

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 3 / 30 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** x - x **Areas worked (stations, etc):** ____

**Location, Lat/Long:** N — ° — . — x W — ° — . —

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

**AIR TEMP:** — °C/°F **Wind Direction and Speed** —

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

**Condition of deflector:** x **Condition of screening:** x

**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):**

Still at Martin Midstream Fuel Dock due to weather conditions.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| | | / | |
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| | | / | |

**Observer Names** Sarah Jane Dees & Nickie Zavinski

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 3 / ~~30~~ 31 / 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 273 - 276 **Areas worked (stations, etc):** 120 too → 160 too

**Location, Lat/Long:** N 27 . 49 . 230 x W 97 . 00 . 765

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

**AIR TEMP:** 21.6 (C) °F **Wind Direction and Speed** NE 10-15 K ; E @ 10-15K

**WATER TEMP:** Surface 22.3 (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):**

NO INCIDENTS INVOLVING PROTECTED OR ENDANGERED SPECIES

MATERIAL DREDGED: MUD, CLAY, SAND

BIOTA: SEAGRASS, BIVALVE SHELLS, 10 BLUE CRABS, 1 SPIDER CRAB GASTROPODS, 1 STAR FISH, (1) EEL

LEFT FUEL DOCK AT 0930

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| ALL DAY | t. truncatus | MULTI / MULTI | ALL OVER DIG AND DUMPSITE |
| | | / | |
| | | / | |
| | | / | |
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| | | / | |
| | | / | |

**Observer Names** TRAVIS LOBEX / GIBB FRYE

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 04 / 01 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 277 - 286 **Areas worked (stations, etc):** 120+00 - 160+00

**Location, Lat/Long:** N 27 ° 49 . 230 x W 97 ° 00 . 765

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

**AIR TEMP:** ____ °C/°F **Wind Direction and Speed** E ~ 15 - 20 KTS

**WATER TEMP:** Surface 22.5 (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 ✓

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

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

- NO INCIDENTS INVOLVING PROTECTED SPECIES OCCURRED.
- BIOLOGICAL SPECIMENS OBSERVED IN SCREENING INCLUDED EELS, BLUE CRABS, GASTROPOD & BIVALVES SHELLS, AND SEA GRASS.
- ABIOTIC DEBRIS RETAINED IN SCREENING CONSISTED OF METAL, WOOD, CLOTHING, ROPE, AND OTHER ASSORTED TRASH.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| ALL DAY | T. TRUNCATUS | MULTIPLE/MULTIPLE | THROUGHOUT PROJECT AREA |
| | | / | |
| | | / | |
| | | / | |
| | | / | |
| | | / | |
| | | / | |

**Observer Names** TRAVIS TOBEY & ALIS FRYE

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 4 / 2 /2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 287 - 299 **Areas worked (stations, etc):** 120+00 → 160+00

**Location, Lat/Long:** N 27 . 49 . 230 x W 97 . 00.765

**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** SE @ 5-15 K

**WATER TEMP:** Surface 72-73 °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):**

NO INCIDENTS INVOLVING PROTECTED OR ENDANGERED SPECIES.

MATERIAL DREDGED: MUD, SAND, SILT

BIOLOGICAL SPECIMENS RETAINED IN SCREEN: GRASS, WOOD, (13) BLUE CRAB, (1) STINGRAY, GASTROPODS, BIVALVES, PEN SHELLS, MANTIS SHRIMP, (1) HAMMERHEAD, (1) EEL,

ABIOTIC DEBRIS RETAINED IN SCREENING: PLASTIC, METAL, ROPE, FISHING LINE, TRASH

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| ALL DAY | T. truncatus | MULTI / MULTI | ALL OVER PK & DISPOSAL AREA |
| | | / | |
| | | / | |
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| | | / | |
| | | / | |
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**Observer Names** TRAVIS TOBEY / GIB FRYE

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 4 / 3 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 300 - 313 **Areas worked (stations, etc):** 120+00 → 160+00

**Location, Lat/Long:** N 27 ° 49 . 230 x W 97 ° 00.765

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

**AIR TEMP:** 74-86 °C/°F **Wind Direction and Speed** LIGHT ; SE @5-10K

**WATER TEMP:** Surface 71 °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):**

NO INCIDENTS INVOLVING PROTECTED OR ENDANGERED SPECIES

BIOTA: GRASS, WOOD, GASTROPODS, BIVALVES, SHELLS, COCONUT (1) STARFISH, POLYCHETES, (1) SNAKE EEL, (4) MEC CRABS, BARNACLES, (22) BLUE CRABS

ABIOTA: ROPE, PLASTIC, METAL, FISHING LINE, CLOTH, GLASS, TRASH

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| ALL DAY | T. truncatus | MULTI / MULTI | ALL OVER DIG + DISPOSAL SITE |
| | | / | |
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**Observer Names** TRAVIS TOBET / TERRANCE TODD

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 4 / 4 / 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 314 - 326 **Areas worked (stations, etc):** 120+00 → 160+00

**Location, Lat/Long:** N 27 ° 49 . 230 x W 97 ° 00 . 765

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

**AIR TEMP:** 71-75 °C/°F **Wind Direction and Speed** ____

**WATER TEMP:** Surface 71 °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 - MUD, SILT, SAND

BIOTICS - Grass, Sargassum, Wood, 6 gastropods, Bivalves, polychaetes, Tunicates, Starfish, Misc. Crabs, Barnacles, Snake eels, 32 Blue crabs

ABIOTICS - Plastic, cloth, metal, fishing line, rubber, PVC, Misc Trash

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| ALL DAY | Tursiops truncatus | >20 / >20 | All over channel & Disposal site |
| | | / | |
| | | / | |
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| | | / | |
| | | / | |
| | | / | |

**Observer Names** Travis Tobey / Torrance Todd

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 4 / 5 / 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 327 - 334 **Areas worked (stations, etc):** 120 too → 160 too

**Location, Lat/Long:** N 27 . 49 . 230 x W 97 . 00 . 765

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

**AIR TEMP:** 66-75 °C/(F) **Wind Direction and Speed** NNE @ 5-25K

**WATER TEMP:** Surface 71 °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):**

NO INCIDENT INVOLVING PROTECTED OR ENDANGERED SPECIES.

MATERIAL DREDGED: MUD, SAND, SILT

BIOTA: WOOD, SARGASSUM, POLYCHAETES, (1) BRITTLESTAR, TUNICATES, BIVALVE SHELLS, GASTROPOD SHELLS, (1) EEL, BARNACLES, STARFISH, MISC BONES, (43) BLUE CRABS

ABIOTA: METAL, PLASTIC, CLOTH, ROPE, FRISBEE, PLASTIC CROCODILE, FISHING LINE, NETTING, ROPE, BOOTS TRASH

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| ALL DAY | F. truncatus | MULTI / MULTI | ALL OVER DIG AND DISPOSAL SITE. |
| | | / | |
| | | / | |
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| | | / | |
| | | / | |
| | | / | |

**Observer Names** TRAVIS TOBOY / TERRANCE TODD

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 04 / 06 / 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 335 - 346 **Areas worked (stations, etc):** 120+00 → 160+00

**Location, Lat/Long:** N 27 ° 49 . 230 x W 97 ° 00 . 765

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

**AIR TEMP:** 67.3-81 °C/°F **Wind Direction and Speed** VRE 10-20

**WATER TEMP:** Surface 71-71.5 °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):**

NO INCIDENTS INVOLVING PROTECTED OR ENDANGERED SPECIES

MATERIAL DREDGE - SAND, SILT

BIOTA - WOOD, SARGASSUM, POLYCHAETES, BIVALVES, GASTROPODS, STARFISH, TUNICATES, BARNACLES, EELS, BONES, (39) Blue crabs

ABIOTA - METAL, PLASTIC, CLOTH, ROPE, PVC, FISHINGLINENETTING HOOKS, BOOTS

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observer Names** Travis Tubey / Terrance Todd

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 4 / 7 / 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 346 - 348 **Areas worked (stations, etc):** 120+00 → 160+00

**Location, Lat/Long:** N 27 ° 49 . 230 x W 97 ° 00 . 765

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

**AIR TEMP:** 65-73 °C/(F) **Wind Direction and Speed** NNE @ 10 - 30 K

**WATER TEMP:** Surface 71 °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):**

NO INCIDENTS INVOLVING PROTECTED OR ENDANGERED SPECIES.

MATERIAL DREDGED: MUD, SILT, SAND

BIOTA: WOOD, SARGASSUM, BIVALVE SHELLS, POLYCHAETES, (11) BLUE CRABS, MISC BONES

ABIOTA: PLASTIC, METAL, NETTING, FIBERGLASS

HEADED TO DOCK AFTER LOAD 348 DUE TO SEAS

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observer Names** TRAVIS TOBEY / TERRANCE TODD

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 4 / 8 / 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** — - — **Areas worked (stations, etc):** ____

**Location, Lat/Long:** N____°____.____ x W____°____.____

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

**AIR TEMP:** ____ °C/°F **Wind Direction and Speed** ____

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

**Condition of deflector:** ____ **Condition of screening:** ____

**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):**

NO LOADS DUG AT DOCK DUE TO WEATHER

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observer Names** TRAVIS TOBEY / TERRANCE TODD

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 4 / 9 / 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 349 - 352 **Areas worked (stations, etc):** 120 toe → 160 toe

**Location, Lat/Long:** N 27 ° 49 . 230 x W 97 ° 00 . 765

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

**AIR TEMP:** 68-70 °C/(F) **Wind Direction and Speed** ENE @ 10-30 K

**WATER TEMP:** Surface 70 °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):**

NO INCIDENTS INVOLVING PROTECTED OR ENDANGERED SPECIES.

MATERIAL DREDGED: MUD, SAND, SILT

BIOTA: (18) BLUE CRABS, (2) SNAKE EELS, POLYCHAETES, BIVALVES, GASTROPODS, STARFISH, WOOD, SARGASSUM, GRASS,

ABIOTA: PLASTIC, METAL, BRASS, PVC, GLASS, FISHING LINE, NETTING, CLOTH, ROPE, TRASH

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observer Names** TRAVIS TOBEY / TERRANCE TODD

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 4 / 10 / 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 353 - 359 **Areas worked (stations, etc):** 120+00 → 160+00

**Location, Lat/Long:** N 27 ° 49 . 230 x W 97 ° 00 . 785

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

**AIR TEMP:** 63-69 °C/(F) **Wind Direction and Speed** SSW @ 5-10k; WNW @ 1-5k

**WATER TEMP:** Surface 70 °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):**

NO INCIDENTS INVOLVING PROTECTED OR ENDANGERED SPECIES.

MATERIAL DREDGED: SAND, MUD, SILT

BIOTA: WOOD, SARGASSUM, BIVALVES, GASTROPODS, STARFISH, POLYCHAETES, GRASS, (2) SNAKE EELS, (60) BLUE CRABS

ABIOTA: PLASTIC, METAL, FISHING LINE, ROPE, NET, RAGS, MISC TRASH

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observer Names** TRAVIS TOBEY / TERRANCE TODD

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 4 / 11 / 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **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:** 66-74 °C/°F **Wind Direction and Speed** SSW 5-10

**WATER TEMP:** Surface ____ °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 Repairs – No Dredging Performed

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observer Names** Terrance Todd / Travis Tobey

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 4 / 12 / 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **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:** 66 - 78 °C/°F **Wind Direction and Speed** SSE 5-10

**WATER TEMP:** Surface ____ °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 Repairs - No Dredging Performed

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observer Names** ____

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

Date: 4 / 13 / 2007

PROJECT NAME: Corpus Christi Ship Channel USACE DISTRICT: Galveston

DREDGE NAME: *M/V Columbia* Dredge Firm: B+B Dredging

Contract# W912HY-07-C-0009 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: ____ °C/°F Wind Direction and Speed ____

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

Condition of deflector: ____ Condition of screening: ____

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):

NO LOADS DUG AT DOCK FOR REPAIRS

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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Observer Names TRAVIS TOBET / TERRANCE TODD

Observer Firm Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 4 / 14 / 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **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:** ____ °C/°F **Wind Direction and Speed** ____

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

**Condition of deflector:** ____ **Condition of screening:** ____

**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):**

NO LOADS DUG AT DOCK FOR REPAIRS

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observer Names** TRAVIS TOBET / TERRANCE TODD

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** Apr / 15 / 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 360 - 368 **Areas worked (stations, etc):** 120 too → 160 too

**Location, Lat/Long:** N 27 ° 49 . 230 x W 97 ° 00 . 765

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

**AIR TEMP:** 17.3 - 20.6 °C/°F **Wind Direction and Speed** NE to ESE 5 to 10

**WATER TEMP:** Surface 21.1 / 70.0 °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 X NO ____

**Which species? (complete incident form(s))** Loggerhead (Caretta caretta) - Load 362

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

Materials Dredged - Sand, Silt

Abiotics - Plastic, Metal, Netting, fishing line, Plastic Bag, Cloth, Dive Mask, hats, Shoes, goggles, Booties, Rope, misc Trash

Biotics - (200) Blue Crabs, Sargassum, grass, Bivalves, gastropods, polychaetes, Starfish, Barnacles, misc. Crabs, Turtle parts

* Parts of a Loggerhead turtle was found in the Box. (2) Pieces of the Carapace, a strip of Tissue, and Intestines recovered so far.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observer Names** Terrance Todd / Travis Tobey

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 04 / 16 / 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 369 - 377 **Areas worked (stations, etc):** 120 too → 160 too

**Location, Lat/Long:** N 27 ° 49 . 230 x W 97 ° 00 . 765

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

**AIR TEMP:** 65-82 °C/(F) **Wind Direction and Speed** SE @ 10-20 K

**WATER TEMP: Surface** 70 °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):**

NO NEW INCIDENTS INVOLVING PROTECTED OR ENDANGERED SPECIES.

MATERIAL DREDGED: MUD, SILT, SAND

BIOTA: WOOD, SARGASSUM, POLYCHAETES, SEAGRASS, SEA WHIPS BIVALVES, GASTROPODS, BARNACLES STARFISH, TUNICATE, (46) BLUE CRABS,
*ABDOMINAL NUCHAL SCUTE FROM TURTLE TAKEN 4/15/07 REMAINS NOT FRESH KILLED - 100% CERTAIN FROM PREVIOUS TURTLE *

ABIOTA: METAL, PLASTIC, RUBBER, CLOTH, ROPE, NET, ONION BAG, FISHING LINE, ROCK, ROPE, SHOE, MISC TRASH

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observer Names** TRAVIS TOBEY / TERRANCE TODD

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 4 / 17 / 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 378 - 385 **Areas worked (stations, etc):** 120 too → 160 too

**Location, Lat/Long:** N 27 ° 49 . 230 x W 97 ° 00 . 765

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

**AIR TEMP:** 70-77 °C/(F) **Wind Direction and Speed** SE 10-20

**WATER TEMP:** Surface 70 °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 X NO ____

**Which species? (complete incident form(s))** Loggerhead (Caretta Caretta)

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

Materials Dredged - Sand, Silt

Abiotics - Plastic, Metal, Fishing line, Fish Netting, Shoes, hats, Cloth, Dive Mask, Rope, Rubber, Tire, onion bags,

Biotics - (42) Blue Crabs, (2) Gobies, Sea Whips, Bivalves, Gastropods, polychaetes, starfish, sargassum, grass, wood, (1) Loggerhead Turtle.

Tow 382 - Loggerhead turtle found in draghead
See Attached forms for details

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observer Names** Terrance Todd / Travis Tobey

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 4 / 18 / 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 386 - 395 **Areas worked (stations, etc):** 120 too → 160 too

**Location, Lat/Long:** N 27 . 49 . 230 x W 99 . 00 . 765

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

**AIR TEMP:** 66-76 °C/(F) **Wind Direction and Speed** SE @ 10-15 K; ENE @ 5-10

**WATER TEMP:** Surface 70 °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):**

NO INCIDENTS INVOLVING PROTECTED ~~SPE~~ OR ENDANGERED SPECIES.

MATERIAL DREDGED: MUD, SAND, SILT

BIOTA: WOOD, SARGASSUM, SEA GRASS, POLYCHAETES, STAR FISH, GASTROPODS, BIVALVES/REELS, GREEN KELP, ALGAE, SEA WHIPS, WHELK EGGS.

ABIOTA: PLASTIC, METAL, CLOTH, FISHING LINE, ONION SACS, NET, WIRE, ROCKS, ROPE, MISC. TRASH

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observer Names** TRAVIS TOBEY / SARAH JANE DEES

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 4 / 19 / 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 396 - 407 **Areas worked (stations, etc):** 120 too → 160 too

**Location, Lat/Long:** N 27 ° 49 . 230 x W 97 ° 00 . 765

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

**AIR TEMP:** 20.7-23 (C) F **Wind Direction and Speed** ENE @ 5-15 K

**WATER TEMP:** Surface 21.1-21.4 (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):**

NO INCIDENTS INVOLVING PROTECTED OR ENDANGERED SPECIES.

MATERIAL DREDGED: MUD, SILT, SAND,

BIOTA: SARGASSUM, POLYCHAETES, GASTROPODS, BIVALVES, STARFISH, SEA GRASS, ALGAE, SEA WHIPS, SAND DOLLAR, WHELK EGG CASE, BROWN ALGAE, 3 LARGE SHRIMP, SPARTANA, ALTERNA FLORA, PINK BARNACLES, TOUNGE FISH,

ABIOTA: PLASTIC, METAL, FISHING LINE, ROPE, CLOTH, TACKLE, RUBBER, FOAM, GOLF BALLS, NETTING,

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observer Names** TRAVIS TOBEY / SARAH JANE DEES

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 4 / 20 / 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 408 - 414 **Areas worked (stations, etc):** 120too → 160too

**Location, Lat/Long:** N 27 ° 49 . 230 x W 97 ° 00 . 765

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

**AIR TEMP:** 21.2-21.7 °C/F **Wind Direction and Speed** E to SE @ 5-15K

**WATER TEMP: Surface** 21.2-21.5 °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):**

NO INCIDENTS INVOLVING PROTECTED OR ENDANGERED SPECIES.

MATERIAL DREDGED: MUD, SILT, SAND

BIOTA: SEA GRASS, SARGASSUM, BROWN ALGAE, GREEN KELP, WOOD, GASTROPODS, BIVALVES, SNAKE EEL, BARNACLES, POLYCHAETES, STARFISH, (22) BLUE CRABS

ABIOTA: PLASTIC, METAL, FISHING LINE, ROCKS, ROPE, NETTING, WIRE, MISC TRASH

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observer Names** TRAVIS TOBET | SARAH JANE DEES

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 4 / 21 / 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 416 - 417 **Areas worked (stations, etc):** 120 too → 160 too

**Location, Lat/Long:** N 27 ° 49 . 230 x W 97 ° 00 . 765

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

**AIR TEMP:** 21.2-21.7 °C/°F **Wind Direction and Speed** E @ 10-25 K

**WATER TEMP:** Surface 22.1 °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):**

NO INCIDENTS INVOLVING PROTECTED OR ENDANGERED SPECIES.

MATERIAL DREDGED: MUD, SILT, SAND

BIOTA: SEA GRASS, ALGAE, WOOD, SARGASSUM, BIVALVE SHELLS, GASTROPODS, SEA WHIPS, (1) TURTLE SKULL (OLD KILL, NOT KILLED BY DREDGE), (8) BLUE CRABS

ABIOTA: PLASTIC, METAL, RUBBER, ROPE, MISC TRASH

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observer Names** TRAVIS TOBOT / SARAH JANE DEES

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 4 / 22 / 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 419 - 427 **Areas worked (stations, etc):** 120 too → 160 too

**Location, Lat/Long:** N 27 . 49 . 230 x W 97 . 00 . 765

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

**AIR TEMP:** 21.3-23.1 °C/°F **Wind Direction and Speed** ESE @ 5-25 K

**WATER TEMP: Surface** 22.1 °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):**

NO INCIDENTS INVOLVING PROTECTED OR ENDANGERED SPECIES.

MATERIAL DREDGED: MUD, SILT, SAND

BIOTA: WOOD, SEA GRASS, POLYCHAETES, GASTROPODS, BIVALVES, (1) STINGRAY, SEA WHIPS, (1) EEL, (2) STARFISH, (1) MANTIS SHRIMP, BARNACLES, ALGAE, WHELK EGG CASING, (26) BLUE CRABS

ABIOTA: METAL, PLASTIC, FISHING LINE, FIBERGLASS, ROPE, NETTING, MISC TRASH

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observer Names** TRAVIS TOBET / SARAH JANE DEES

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 4 /23 /2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 428 - 438 **Areas worked (stations, etc):** 120 too → 160 ; 84 too → 120 too
LOAD 427-430 LOADS 431 - 438

**Location, Lat/Long:** N 27 ° 49 . 570 x W 97 ° 01 . 431

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

**AIR TEMP:** 21.6-25.6 °C/°F **Wind Direction and Speed** ESE @ 10-20K

**WATER TEMP:** Surface 21.8-22.0 °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 ✓

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

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

NO INCIDENTS INVOLVING PROTECTED OR ENDANGERED SPECIES.

MATERIAL DREDGED: MUD, SILT, CLAY

BIOTA: SEA GRASS, GASTROPODS, BIVALVES, SEA WHIPS, STARFISH, WHELK EGG CASING, SNAKE EELS, ALGAE, POLYCHAETES, (15) BLUE CRABS.

ABIOTA: METAL, PLASTIC, ROCKS, NETTING, ROPE, FISHING LINE, MISC TRASH

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observer Names** TRAVIS TOBET / SARAH JANE DEES

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 4 / 24 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 439 - 442 **Areas worked (stations, etc):** 84+00 → 120+00

**Location, Lat/Long:** N 27 ° 49 . 570 x W 97 ° 01 . 431

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

**AIR TEMP:** 23.4→24 (°C) °F **Wind Direction and Speed** SE 10-15 kts.

**WATER TEMP:** Surface 22.0 (°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):**

~~BIOTIC~~ MATERIAL: Sand, mud & silt

BIOLOGICAL: wood, sea grass, bivalves, 4 blue crabs, gastropods, polychaetes

NON-BIOLOGICAL: plastic, metal, line, misc. trash

@ 09:00 Headed in to Martin Midstream Fuel Dock ~~for~~ due to weather conditions & ~~remai~~ stayed there for the remainder of the day.

*NO INCIDENTS INVOLVING ENDANGERED/PROTECTED SPECIES*

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observer Names** Travis Tobey & Sarah Jane Dees

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 4 / 25 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 443 - (443) **Areas worked (stations, etc):** 84+00 → 120+00

**Location, Lat/Long:** N 27 ° 49 . 570 x W 97 ° 01 . 431

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

**AIR TEMP:** 22.6 (°C) °F **Wind Direction and Speed** E 5-10 kts

**WATER TEMP:** Surface 22.6 (°C) °F Column (mid-depth) — °C / °F Bottom — °C / °F

**Condition of deflector:** Good 100% **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: Mud & silt

BIOTICS: Wood, sea grass, spartana alterna flora, sea whips, bivalves, gastropod

NON-BIOTICS: plastic (large hard piece & bags/liners), line, rope, misc. trash.

*NO INCIDENTS INVOLVING PROTECTED OR ENDANGERED SPECIES.

• Spent majority of day (08:00 to 18:00) at Fuel Dock, then waited required time for Two Dittos to trawl before we began digging. There was only 1 load today (443).

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observer Names** Sarah Jane Dees & Gib Frye

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 4 / 26 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 444 - 454 **Areas worked (stations, etc):** 84+00 → 120+00, THEN 120+00 → 160+00

**Location, Lat/Long:** N 27 ° 49 . 570 x W 97 ° 01 . 430
THEN 27° 49 . 230 97° 00 . 765

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

**AIR TEMP:** 21.7 → 22.6 (°C) F **Wind Direction and Speed** ENE 5-10 → E 15-20 kts

**WATER TEMP:** Surface 22.7 (°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):** ★ Load #453 moved to ACOE Stations 120+00 → 160+00 ★

MATERIAL: Mud & Silt

BIOTICS: Sea grass, wood, Sargassum, spartane alterna flora, sea whips, blue crabs, egg casings, cockel shells, barnacles, whelk eggs, polychaetes, oyster shells, pen shells, bivalve shells, green algae, 1 spider crab

A-BIOTICS: rope, line, tackle, plastic (hard & bags/liners & bottles), cloth, 1 rubber boot, swim goggles, sunglasses, metal, mechanical filter, 1 rubber bouncy ball, misc. trash & yellow "DO NOT CROSS" police tape & netting

NO INCIDENTS INVOLVING ENDANGERED/PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| Daylight | Seagulls | Various / | Above & behind dredge @ channel & dumpsite |
| Daylight | Bottlenose dolphins | various / | Swimming, feeding & playing in channel |
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**Observer Names** Sarah Jane Dees & Gib Frye

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 04/27/07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 455 - 460 **Areas worked (stations, etc):** 84+00 - 120+00

**Location, Lat/Long:** N 27° 49.230 x W 97° 00.765

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

**AIR TEMP:** ~22-24 °C/°F **Wind Direction and Speed** E 10-15 KTS

**WATER TEMP:** Surface 23.3 °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 ✓

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

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

- NO INCIDENTS INVOLVING PROTECTED SPECIES OCCURRED.
- THE MATERIAL BEING DREDGED IS SAND & SILT.
- BIOLOGICAL SPECIMENS OBSERVED IN SCREENING INCLUDED BLUE CRABS, PEN SHELLS, EGG CASINGS, AND SEA GRASS.
- ABIOTIC DEBRIS RETAINED IN SCREENING CONSISTED OF NET, ROPE, FISHING LINE, WOOD, AND OTHER ASSORTED TRASH.
- ON STANDBY AT DUMPSITE FROM 0800 TO 2000 FOR REPAIRS.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| ALL DAY | T. TRUNCATUS | MULTIPLE / ~10 | IN AND AROUND CHANNEL |
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**Observer Names** SARAH JANE DEES & KITS FRYE

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 04 / 28 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** M/V Columbia **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 461 - 464 **Areas worked (stations, etc):** 120+00 - 160+00

**Location, Lat/Long:** N 27 ° 49 . 230 x W 97 ° 00 . 765

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

**AIR TEMP:** 22.5 (°C) °F **Wind Direction and Speed** ENE 10-15 KTS

**WATER TEMP:** Surface 23.3 (°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 ✓

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

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

- NO INCIDENTS INVOLVING PROTECTED SPECIES OCCURRED.
- THE MATERIAL BEING DREDGED IS SAND AND SILT.
- BIOLOGICAL SPECIMENS OBSERVED IN SCREENING INCLUDED BLUE CRABS, PEN SHELLS, AND SEA GRASS.
- ABIOTIC DEBRIS RETAINED IN SCREENING CONSISTED OF CLOTHING, ROPE, WOOD, AND OTHER ASSORTED TRASH.
- ON STANDBY AT DUMPSITE FROM 0730 TO 2350, DUE TO REPAIRS.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| ALL DAY | T. TRUNCATUS | MULTIPLE ~10 | IN AND AROUND CHANNEL |
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**Observer Names** SARAH JANE DEES & KIRS FRYE

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 04/29/07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 465 - 475 **Areas worked (stations, etc):** $120^{+00}$ - $160^{+00}$

**Location, Lat/Long:** N 27 ° 49 . 230 x W 97 ° 00 . 765

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

**AIR TEMP:** ~23.0 (C) F **Wind Direction and Speed** E 10-20 KTS

**WATER TEMP:** Surface 23.3 (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 ✓

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

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

- NO INCIDENTS INVOLVING PROTECTED SPECIES OCCURRED.
- THE MATERIAL BEING DREDGED IS SAND & SILT.
- BIOLOGICAL SPECIMENS OBSERVED IN SCREENING INCLUDED BLUE CRABS, FISH, BARNACLES, VARIOUS SPECIES OF GASTROPODS, EGG CASINGS, SEA WHIPS, AND SEA GRASS.
- ABIOTIC DEBRIS RETAINED IN SCREENING WAS COMPOSED OF METAL, ROPE, PLASTIC, NET, CLOTHING, RUBBER, WOOD, AND OTHER ASSORTED TRASH.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| ALL DAY | T. TRUNCATUS | MULTIPLE/ ~10 | IN & AROUND CHANNEL |
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**Observer Names** SARAH JANE DEES & KITS FRYE

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 4 / 30 / 2007

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 475 - 483 **Areas worked (stations, etc):** 120+00 → 160+00, THEN 84+00 → 120

**Location, Lat/Long:** N 27° 49.230 x W 97° 00.765
THEN N 27° 49 570 x W 97° 01 430

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

**AIR TEMP:** 22.7 → 23.5 (C) °F **Wind Direction and Speed** E 15-20 kts → ESE 25-35 kts

**WATER TEMP:** Surface 23.4 (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):**

- MATERIAL DREDGED: Sand & silt
- Biological specemins observed in screening included sea grass, wood, blue crabs, starfish, cockle shells, shrimp, whelk egg casings, sea whips, gastropods, bivalve shells, green algae, spartana alterna flora, barnacles & oyster shells,
- A-Biotic debris retained in screening included metal, plastic (bags/liners, bottles, misc. hard pieces), clothing, rope, aluminum cans, produce/onion sack, shoes, wire, monofilament line, tackle, & misc. trash
- THERE WERE NO INCIDENTS INVOLVING PROTECTED/ENDANGERED SPECIES

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| Daylight | T. Truncatus | Multiple / Various | Swimming, playing & feeding in ~~channel~~ and around channel |
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**Observer Names** SARAH JANE DEES & KITS FISE

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 5 / 1 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 484 - 489 **Areas worked (stations, etc):** 84+00 → 120+00

**Location, Lat/Long:** N 27° 49.570 x W 97° 01.430

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

**AIR TEMP:** 23.9→24.4 (C) F **Wind Direction and Speed** SE 15-20kts

**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):**

- Material dredged was sand, mud & silt.

Biological specemins observed in screening included blue crabs, cockle shells, sea grass, wood, sea whips, whelk egg casings, gastropods, bivalve shells, & Sargassum.

- A-Biotic debris ~~data~~ retained in screening included cloth, baseball hat, plastic bags/liners, aluminum cans, line, rope, 1- radio mic, produce/onion sack, ribbon, & metal, fiberglass & misc. trash.

- THERE WERE NO INCIDENTS INVOLVING PROTECTED/ENDANGERED SPECIES.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| Daylight | T. Truncatus | Multiple / Various | Swimming, playing & feeding in & around Channel. |
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**Observer Names** Gib Frye & Sarah Jane Dees

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 5 / 2 / 07

**ROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 490 - 494 **Areas worked (stations, etc):** 84+00 → 120+00

**Location, Lat/Long:** N 27 ° 49 . 570 x W 97 ° 01 . 430

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

**AIR TEMP:** 24 → 24.4 °C °F **Wind Direction and Speed** SE 10-15 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):**

- Material dredged was sand & silt.

Biological specemins observed in screening included cockle shells, sea grass, wood, blue crabs, barnacles, whelk egg casings, Sargassum, sea whips, bivalve shells, gastropods, oyster shells, barnacles, coral skeleton, green algae, brown algae & spartana alterna flora.

- A-biotic debris retained in screening included clothing, plastic (hard pieces, bottles, & bags/liners), aluminum cans, rocks, monofilament line, rope, 1-rubber glove, produce/onion sack, baseball cap, 1/2 of a fishing pole, PVC pipe & misc. trash.

- NO INCIDENTS INVOLVING ENDANGERED/PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| Daylight | T. Truncatus | Multiple / Various (2-6) | playing, swimming & feeding in & around channel |
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**Observer Names** Sarah Jane Dees & Gib Frye

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 5 / 3 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** M/V Columbia **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 495 - 501 **Areas worked (stations, etc):** 84+00 → 120+00

**Location, Lat/Long:** N 27 ° 49 . 570 x W 97 ° 01 . 430

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

**AIR TEMP:** 23.4 → 27.8 (C) F **Wind Direction and Speed** W → SE @ 10-15 kts

**WATER TEMP:** Surface 24.8 (°C) °F Column (mid-depth) X °C / °F Bottom X °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):**

- Material dredged was sand, silt & mud.

Biological specemins retained in screening included sea grass, brown algae, green algae, wood, sea whips, oyster shells, barnacles, bivalve shells, pen shells, egg casings, 1-snake eel, sargassum, gastropod shells, blue crabs, & 1-calico crab

- A-biotic material retained in screening included rope, line, plastic (bags/liners, bottles, hard pieces), steel cable, produce/onion sack, cloth, 1-dive mask, aluminum cans, duct tape, metal shackles, elastic, rebar, PVC pipe, netting, wire, 1-work boot, swim goggles, & misc. trash

- NO INCIDENTS INVOLVING PROTECTED/ENDANGERED SPECIES OCCURRED

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| Daylight | T. Truncatus | Multiple various (2-6) | in & arround channel |
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**Observer Names** Sarah Jane Dees & Gib Frye

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 05 / 04 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 502 - 511 **Areas worked (stations, etc):** 84+00 - 120+00

**Location, Lat/Long:** N 27° 49.570 x W 97° 01.430

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

**AIR TEMP:** 25.3 °C/°F **Wind Direction and Speed** SE 10-20 KTS

**WATER TEMP:** Surface 25.1 °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 ✓

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

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

- NO INCIDENTS INVOLVING PROTECTED SPECIES OCCURRED.
- THE MATERIAL BEING DREDGED IS SAND & SILT.
- BIOLOGICAL SPECIMENS OBSERVED IN SCREENING INCLUDED BLUE CRABS, BARNACLES, WHELK, OYSTER SHELLS, COCKLE SHELLS, PEN SHELLS, SEA WHIPS, AND SEA GRASS.
- ABIOTIC DEBRIS RETAINED IN SCREENING CONSISTED OF METAL, ROPE, CLOTHING, PLASTIC, NET, RUBBER, WOOD, AND TRASH.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| ALL DAY | T. TRUNCATUS | MULTIPLE / 6-8 | IN & AROUND CHANNEL |
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**Observer Names** SARAH JANE DEES & KITO FRYE

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 5 / 5 / 07

**ROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 512 - 517 **Areas worked (stations, etc):** 84+00 → 120+00

**Location, Lat/Long:** N 27 ° 49 . 570 x W 97 ° 01 . 430

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

**AIR TEMP:** 25.3 (°C) F **Wind Direction and Speed** ESE 15-20 kts.

**WATER TEMP:** Surface 25.2 (°C) F Column (mid-depth) X °C/°F Bottom X °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):**

- Material dredged was sand, silt & mud.

Biological specemins retained in screening included sea grass, sargassum, wood, cockel shells, blue crabs, whelk, & whelk egg casings.

- A-biotic debris included plastic, aluminum cans, monofilament line, rope, netting, metal, clothing, rubber, carpet, & misc. trash.

- THERE WERE NO INCIDENTS INVOLVING ENDANGERED/PROTECTED SPECIES.

- @ 16:00 we proceeded to Cargo Dock #10 due to weather. We will most likely remain there for the duration of the night.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observer Names** Sarah Jane Dees & Gib Frye

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 05/06/07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** N/A - ____ **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:** N/A °C/°F **Wind Direction and Speed** SSE 20-25 KTS

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

**Condition of deflector:** - **Condition of screening:** -

**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):**

- NO DREDGING WAS CONDUCTED DUE TO ADVERSE SEA CONDITIONS: 7-9 FT SEAS WITH +25 KT WINDS.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
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**Observer Names** SARAH JANE DEES & KIRS FRYE

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 05/07/07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** M/V Columbia **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 518 - 521 **Areas worked (stations, etc):** 84+00 - 120+00

**Location, Lat/Long:** N 27° 49 . 570 x W 97° 01 . 430

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

**AIR TEMP:** ~25.0 °C/°F **Wind Direction and Speed** E ~15-25 KTS

**WATER TEMP:** Surface 25.0 °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 ✓

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

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

- NO INCIDENTS INVOLVING PROTECTED SPECIES OCCURRED.
- BIOLOGICAL SPECIMENS OBSERVED IN SCREENING INCLUDED BLUE CRABS, POLYCHAETE WORMS, WHELK EGG CASINGS, VARIOUS SPECIES OF BIVALVE SHELLS, AND SEA GRASS.
- ABIOTIC DEBRIS RETAINED IN SCREENING CONSISTED OF ROPE, CLOTHING, METAL, RUBBER, PLASTIC, WOOD, NET, AND OTHER ASSORTED TRASH.
- DREDGING RESUMED @ 1306 - ONCE SEA CONDITIONS ALLOWED.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| N/A | | / | |
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**Observer Names** SARAH JANE DORES & GUS FRYE

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 05 / 08 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 522 - 527 **Areas worked (stations, etc):** 84+00 - 120+00

**Location, Lat/Long:** N 27° 49 . 570 x W 97° 01 . 430

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

**AIR TEMP:** ~25.0 °C/°F **Wind Direction and Speed** SE ~ 15-20 KTS

**WATER TEMP:** Surface 25.3 °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 ✓

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

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

- NO INCIDENTS INVOLVING PROTECTED SPECIES OCCURRED.
- BIOLOGICAL SPECIMENS OBSERVED IN SCREENING INCLUDED BLUE CRABS, SNAKE EELS, WHELK, WHELK EGG CASINGS, COCKLE SHELLS, OYSTER SHELLS, AND SEA GRASS.
- ABIOTIC DEBRIS RETAINED IN SCREENING CONSISTED OF METAL, CLOTHING, NET, ROPE, WOOD, PLASTIC, AND OTHER ASSORTED TRASH.
- DREDGING SUSPENDED FROM ~0800 TO ~1300 FOR REPAIRS.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| ALL DAY | T. TRUNCATUS | MULTIPLE / 6-8 | IN & AROUND CHANNEL |
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**Observer Names** SARAH JANE DEERS & KIRS FREYE

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 5 / 9 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 528 - 538 **Areas worked (stations, etc):** 84+00 → 120+00

**Location, Lat/Long:** N 27 ° 49.570 x W 97 ° 01.430

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

**AIR TEMP:** 24-25.5 (°C) °F **Wind Direction and Speed** ESE @ 10-15 kts.

**WATER TEMP:** Surface 25.4 (°C) °F Column (mid-depth) X °C/°F Bottom X °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):**

- Material dredged was mud, sand & silt.
- Biological species retained in screening included blue crabs, wood, sea grass, sargassum, whelk egg casings, bivalve shells, polychaetes, snake eels, gastropods, spartina alterniflora, green algae, & 1- small brittle star.
- A-biotic debris retained in screening included plastic, metal, onion sack, cloth, rope, line, netting, hooks, shoes, aluminum cans, rubber, tackle, fiberglass & misc. trash.
- ★ THERE WERE NO INCIDENTS INVOLVING ENDANGERED/PROTECTED SPECIES.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| Daylight | T. Truncatus | Multiple / Various | Close to trawler feeding & playing in & around channel. |
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**Observer Names** Sarah Jane Dees & Gib Frye

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 05/10/07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** M/V Columbia **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 559 - 548 **Areas worked (stations, etc):** 84+00 - 120+00

**Location, Lat/Long:** N 27° 49. 570 x W 97° 01. 430

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

**AIR TEMP:** ~24.5 °C/°F **Wind Direction and Speed** VARIABLE 5-15 KTS

**WATER TEMP:** Surface 25.5 °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 ✓

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

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

- NO INCIDENTS INVOLVING PROTECTED SPECIES OCCURRED
- THE MATERIAL BEING DREDGED IS SAND & SILT.
- BIOLOGICAL SPECIMENS OBSERVED IN SCREENING INCLUDED BLUE CRABS, SNAKE EELS, BRITTLE STAR, POLYCHAETE WORMS, VARIOUS SPECIES OF GASTROPOD & BIVALVE SHELLS, EGG CASINGS, AND SEA GRASS.
- ABIOTIC DEBRIS RETAINED IN SCREENING CONSISTED OF METAL, PLASTIC, ROPE, NET, RUBBER, WOOD, FIBERGLASS, CLOTHING, AND OTHER ASSORTED TRASH.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| ALL DAY | T. TRUNCATUS | MULTIPLE / 6-10 | IN & AROUND CHANNEL |
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**Observer Names** SARAH JANE DEES & TITS FREYE

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 5 / 11 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 549 - 558 **Areas worked (stations, etc):** 84+00 → 120+00

**Location, Lat/Long:** N 27 ° 49.570 x W 97 ° 01.430

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

**AIR TEMP:** 22.6 → 24.6 (°C) °F **Wind Direction and Speed** W → N → E 5-10 kts.

**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):**

- Material dredged today was mud, silt & sand
- Biological specemins retained in the inflow screening included blue crabs, sea grass, spartana alterna flora, sargassum, green algae, whelk & whelk egg casings, wood, bivalves, gastropods, sea whips, 1-electric ray, polychaetes & snake eels.
- A-biotic debris retained in screening included plastic, rope, net, clothing, shoes, produce sacks, metal, wire, aluminum cans, line & tackle, glass, swim goggles, PVC pipe, rubber, tar, & misc. trash.

* THERE WERE NO INCIDENTS INVOLVING ENDANGERED/PROTECTED SPECIES.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| Daylight | T. Truncatus | Multiple/ Various (2-10) | Swimming, feeding & playing in & around channel, esp. by trawler |
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**Observer Names** Gib Frye & Sarah Jane Decs

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 5 / 12 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 559 - 566 **Areas worked (stations, etc):** 84+00 → 120+00

**Location, Lat/Long:** N 27 ° 49 . 570 x W 97 ° 01 . 430

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

**AIR TEMP:** 22.5→25.6 (C) °F **Wind Direction and Speed** E @ 5-10 kts.

**WATER TEMP:** Surface 25.7 (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):**

- material dredged today was sand, silt & mud.

Biological specemins retained in the inflow screening included blue crabs, wood, sea grass, sargassum, green algae, brown algae, sea whips, bivalve shells (oyster, cockle, etc.) pen shells, gastropods, 1-black drum, polychaete worms, whelk egg casings, barnacles, coconuts, 1-snake eel, & spartana alterna flora.

A-biotic material observed included plastic, produce sacks, rubber, rope, aluminum cans, netting, metal, wire, part of a fishing pole, cloth, shoe sole, a golf ball, monofilament line, fiberglass & misc. trash.

THERE WERE NO INCIDENTS INVOLVING ENDANGERED/PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| Daylight | T. Truncatus | Multiple / various (2-10) | Following trawler in & around channel |
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**Observer Names** Sarah Jane Dees & Gib Frye

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 05/13/07

**ROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 567 - 577 **Areas worked (stations, etc):** 84+00 - 120+00

**Location, Lat/Long:** N 27 ° 49 . 570 x W 97 ° 01 . 430

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

**AIR TEMP:** 25-26.5 °C/°F **Wind Direction and Speed** S ~ 5-10 KTS

**WATER TEMP:** Surface 26.1 °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 ____

**Which species? (complete incident form(s))** C. MYDAS

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

- C. MYDAS TAKEN ON LOAD # 571. THE TURTLE WAS FOUND ALIVE AND IN GOOD CONDITION IN THE INFLOW SCREENING, AND TRANSFERRED INTO THE CARE OF THE ANIMAL REHABILITATION KEEP (A.R.K.) FOR OBSERVATION. FOR MORE INFORMATION SEE ATTACHED INCIDENT REPORT.

- THE MATERIAL BEING DREDGED WAS SAND & SILT.

- BIOLOGICAL SPECIMENS OBSERVED IN SCREENING INCLUDED A REDFISH, A CATFISH, A GOBY, BLUE CRABS, AN EEL, WHELK, COCKLE SHELLS, OYSTER SHELLS, SEA WHIPS, AND SEA GRASS.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| ALL DAY | T. TRUNCATUS | MULTIPLE / 6-10 | IN & AROUND CHANNEL. |
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**Observer Names** SARAH JANE DEES & TIB FRYE

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 5 / 14 / 07

**ROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 578 - 590 **Areas worked (stations, etc):** 84+00 - 120+00

**Location, Lat/Long:** N 27 ° 49 . 515 x W 97 ° 01 . 500

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

**AIR TEMP:** 24.-26.0 °C/°F **Wind Direction and Speed** S 5-15 KTS

**WATER TEMP:** Surface 26.3 °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 ✓

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

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

- NO INCIDENTS INVOLVING PROTECTED SPECIES OCCURRED.
- THE MATERIAL BEING DREDGED IS SAND & SILT.
- BIOLOGICAL SPECIMENS OBSERVED IN SCREENING INCLUDED BLUE CRABS, BARNACLES, A SNAKE EEL, WHELK, EGG CASINGS, COCKLE SHELLS, SEA WHIPS, AND SEA GRASS.
- ABIOTIC DEBRIS RETAINED IN SCREENING CONSISTED OF METAL, FIBERGLASS, PLASTIC, ROPE, WOOD, CLOTHING, RUBBER, AND OTHER ASSORTED TRASH.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| ALL DAY | T. TRUNCATUS | MULTIPLE 6-10 | IN & AROUND CHANNEL |
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**Observer Names** TUB FRYE & SARAH JANE DEES

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 05 / 15 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 591 - 602 **Areas worked (stations, etc):** 84+00 - 120+00

**Location, Lat/Long:** N 27° 49 . 515 x W 97° 01 . 500

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

**AIR TEMP:** 25 - 26 (C) F **Wind Direction and Speed** SE 10-15 KT

**WATER TEMP:** Surface 26.6 (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 ✓

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

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

- NO INCIDENTS INVOLVING PROTECTED SPECIES OCCURRED.
- THE MATERIAL BEING DREDGED IS SAND & SILT.
- BIOLOGICAL SPECIMENS OBSERVED IN SCREENING INCLUDED A TONGUE FISH, SNAKE EELS, BLUE CRABS, A MANTIS SHRIMP, WHELK, CONCH, OYSTER SHELLS, COCKLE SHELLS, SEA WHIPS, AND SEA GRASS.
- ABIOTIC DEBRIS RETAINED IN SCREENING WAS COMPOSED OF METAL, FIBERGLASS, PLASTIC, WOOD, LINE, TACKLE, ROPE, CLOTHING, NET, AND OTHER ASSORTED TRASH.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| ALL DAY | T. TRUNCATUS | MULTIPLE / 4-8 | IN & AROUND CHANNEL |
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**Observer Names** SARAH JANE DEES & TIM FRYE

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 5 / 16 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** M/V Columbia **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 603 - 613 **Areas worked (stations, etc):** 84+00 → 120+00

**Location, Lat/Long:** N 27 ° 49 . 570 x W 97 ° 01 . 430

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

**AIR TEMP:** 24.5 - 27.3 (C) F **Wind Direction and Speed** ESE → NW → NE → SE → E → ENE 5-10 kts.

**WATER TEMP: Surface** 27.0 (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):**

- Material dredged was sand, silt & mud.

- Biological specemins observed in the screening included 1-guitar fish (family Rhinobatidae), blue crabs, wood, sea grass, bivalve & gastropod shells, 1-silverside, whelk, whelk egg casings, sargassum, coconuts, green algae, sea whips, 1-sea anenome, spartana alterna flora, brown algae & old coral skeleton.

- A-biotic debris retained in the screening included plastic, fiberglass, clothing, netting, a golf ball, rope, cable, monofilament line, balloons, metal shackle, rubber, rocks, metal, tackle, produce/onion sack, 1-"party bone" cup, & misc. trash.

★ THERE WERE NO INCIDENTS INVOLVING ENDANGERED/PROTECTED SPECIES.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| Daylight | T. Truncatus | Multiple / Various (2-10) | Following trawler in & around channel |
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**Observer Names** Gib Frye & Sarah Jane Dees

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 05 / 18 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 621 - 625 **Areas worked (stations, etc):** 84+00 → 120+00

**Location, Lat/Long:** N 27 ° 49 . 650 x W 97 ° 01 . 500

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

**AIR TEMP:** 24→25.7 (°C) °F **Wind Direction and Speed** ENE @ 15-20 kts.

**WATER TEMP:** Surface 25.7→26.6 (°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))** C. Mydas

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

* C. mydas found alive in inflow screening on load #621. The turtle was transfered to the care of the Animal Rehabilitation Keep (A.R.K.) in Aransas Pass for further observation. Please see attached incident form for further details.

- material dredged was sand, mud & silt.

- Biological specimens retained in the inflow screening included blue crabs, sea whips, sea grass, sargassum, wood, bivalve shells (oyster, penn, cockle, etc.) whelk, & 1-shrimp snake eel.

- A-biotic debris observed in the screening included rope, onion sacks, plastic, metal, rocks, 1-golf ball, 1-dive mask, cloth, ribbon, netting, aluminum cans, monofilament line, & misc. trash.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| Daylight | T. Truncatus | Multiple / Various (2-8) | Following trawler in & around channel |
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**Observer Names** Gib Frye & Sarah Jane Dees

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 05 / 20 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 626 - 631 **Areas worked (stations, etc):** 84+00 - 120+00

**Location, Lat/Long:** N 27 ° 49 . 570 x W 97 ° 01 . 430

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

**AIR TEMP:** ~24.0 °C/°F **Wind Direction and Speed** E 10-20 KTS

**WATER TEMP:** Surface 26.0 °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** ✓

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

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

- NO INCIDENTS INVOLVING PROTECTED SPECIES OCCURRED.
- THE MATERIAL BEING DREDGED IS SAND & SILT.
- BIOLOGICAL SPECIMENS OBSERVED IN SCREENING INCLUDED AN ELECTRIC RAY, A CATFISH, BLUE CRABS, WHELK, PEN SHELLS, COCKLE SHELLS, OYSTER SHELLS, SEA WHIPS, A SNAKE EEL, AND SEA GRASS.
- ABIOTIC DEBRIS RETAINED IN SCREENING CONSISTED OF METAL, FIBERGLASS, PLASTIC, WOOD, CLOTHING, ROPE, ROCKS, RUBBER, LINE, AND OTHER ASSORTED TRASH.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| ALL DAY | T. TRUNCATUS | MULTIPLE / 6-8 | IN & AROUND CHANNEL |
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**Observer Names** SARAH JANE DEBS & ALIS FRYE

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 5 / 20 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 632 - 641 **Areas worked (stations, etc):** 84+00 → 120+00 THEN 120+00 → 160+0

**Location, Lat/Long:** N 27 ° 49 . 360 x W 97 ° 01 . 120

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

**AIR TEMP:** ~24.0 °C/°F **Wind Direction and Speed** E ~10-15 KTS

**WATER TEMP:** Surface 25.4 °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):**

- NO INCIDENTS INVOLVING PROTECTED SPECIES OCCURRED
- THE MATERIAL BEING DREDGED IS SAND & SILT.
- BIOLOGICAL SPECIMENS OBSERVED IN SCREENING INCLUDED BLUE CRABS, MANTIS SHRIMP, A SEA STAR, A KEYHOLE URCHIN, POLYCHAETE WORMS, SEA WHIPS, MOONSHELLS, WHELK, A SNAKE EEL, OYSTER SHELLS, COCKLE SHELLS, AND SEA GRASS.
- ABIOTIC DEBRIS RETAINED IN SCREENING CONSISTED OF METAL, PLASTIC, FIBERGLASS, WOOD, ROPE, RUBBER, LINE, NET, CLOTHING, AND OTHER ASSORTED TRASH.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| ALL DAY | T. TRUNCATUS | MULTIPLE 6-8 | IN & AROUND CHANNEL |
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**Observer Names** SARAH JANE DEES & TIM FEYE

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 5 / 21 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 642 - 653 **Areas worked (stations, etc):** 120+00 → 160+00

**Location, Lat/Long:** N 27 ° 49 . 360 x W 97 ° 01 . 120

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

**AIR TEMP:** 24-25.3 (C) °F **Wind Direction and Speed** ESE ~ 15-20 kts.

**WATER TEMP:** Surface 24.3→25 (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):**

- material dredged was mud & silt
- Biological specemins observed in the inflow screening included wood, sea grass, sargassum, bivalve shells (oyster, pert, cockle, etc.), snake eels, blue crabs, 1-catfish, sea whips, moon shell, whelk shell, barnacles, gastropods, 1-hammerhead shark (S. lewini)
- A-biotic debris retained in the screening included plastic (bags/liners, bottles & misc. hard pieces), rope, produce/onion sacks, monofilament line, cloth, hats, PVC pipe, netting, tackle/hooks, fiber glass, sunglasses, 1-stick of deodorant, 1-frisbee, 1-drink koozie, metal, aluminum cans

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
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**Observer Names** Sarah Jane Dees & Gib Frye

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 5 / 22 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 654 - 663 **Areas worked (stations, etc):** 120+00 → 160+00

**Location, Lat/Long:** N 27 ° 49 . 360 x W 97 ° 01 . 120

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

**AIR TEMP:** 25-25.7 (C) F **Wind Direction and Speed** ESE → S → ESE → E ~20 kts

**WATER TEMP: Surface** 25.0 (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):**

- Material dredged was sand, mud & silt.
- Biotic specemins observed in screening included blue crabs, sea grass, wood, 1-cownose ray, murex shells, 1-snake eel, moon shells, oyster shells, pen shells, sargassum, spartand alterna flora, green algae, sed whips, whelkegg casings, & 1-coconut.
- Abiotic debris retained in screening included plastic, rope, clothing, fiberglass, netting, aluminum cans, 1-snorkel, sunglasses, wire, metal, produce sack, cable, rubber & misc. trash.

*THERE WERE NO INCIDENTS INVOLVING ENDANGERED/PROTECTED SPECIES.

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| Daylight | T. truncatus | Multiple / Various (1-8) | Bow riding, swimming, feeding, playing & following us & trawler in & around channel. |
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**Observer Names** Sarah Jane Dees & Gib Frye

**Observer Firm** Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

# DAILY REPORT

**Date:** 5 / 23 / 07

**PROJECT NAME:** Corpus Christi Ship Channel **USACE DISTRICT:** Galveston

**DREDGE NAME:** *M/V Columbia* **Dredge Firm:** B+B Dredging

**Contract#** W912HY-07-C-0009 **Maintenance** X / **New Work** ____

**Load #s:** 664 - 670 **Areas worked (stations, etc):** 120+00 → 160+00

**Location, Lat/Long:** N 27 ° 49 . 360 x W 97 ° 01 . 120

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

**AIR TEMP:** 25.3→25.9 (°C) °F **Wind Direction and Speed** SE → ESE 15-20 Kts.

**WATER TEMP: Surface** 25.7 (°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):**

- material dredged was sand, silt & mud.
- Biotic specemins observed in the inflow screening included sea grass, sargassum, blue crabs, whelk egg casings, wood, oyster shells, cockle shells, mantis shrimp, whelk, pen shells, & moon shell.
- A-biotic debris retained in screening included, metal, clothing line, rope, plastic, produce sack, netting, 1-golf ball, & misc. trash.
- NO INCIDENTS INVOLVING ENDANGERED/PROTECTED SPECIES OCCURRE

★ PROJECT END

## BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---|---|---|---|
| Daylight | T. truncatus | Multiple/ Various (1-8) | in & around channel |
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**Observer Names** Gib Frye & Sarah Jane Dees

**Observer Firm** Coastwise Consulting