

**ENDANGERED SPECIES OBSERVER PROGRAM
DAILY REPORT**

USACE DISTRICT: Galveston
 PROJECT NAME: Brazos Island Harbor DREDGE NAME: Padre Island

Date: 2-24-06 Load #: 31-38 Areas dredge worked: Brownsville Entrance Channel

Weather conditions: overcast, heavy fog along shore, clearing inland, windy
early

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

AIR TEMP: 67-78 °C/**F** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
 WATER TEMP: Surface 65-66 °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)) NA

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

Material Dredged: SAND

Other Material: Debris, Rocks, Sediment/Shell mix

Other Biological: Rays, blue crab, spider crab

Trawler caught Green turtle #16

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
0730	bottlenose dolphin	— / ~12	Feeding around 2 fish schools (bait balls) at disposal site
			Note: Recognized 1 dolphin with a folded dorsal tip - sighted on 2-23
1045	↓	— / ~6	Feeding behavior entrance to channel near bell buoy. Rough choppy sea
1047	↓	— / 1	surfacing off stern of ship as we turn 1/2 mi inside channel

Observer name Leslie Osborn / Jeff Trew

**ENDANGERED SPECIES OBSERVER PROGRAM
DAILY REPORT**

USACE DISTRICT: Galveston

PROJECT NAME: Brazos Island Harbor DREDGE NAME: Padre Island

Date: 03-05-07 Load #: 87-96 Areas dredge worked: Brownsville Entrance Channel

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

AIR TEMP: 53-63 F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 63 F Column (mid-depth) _____ °C / °F Bottom _____ °C / °F

Condition of deflector: good Condition of screening: good

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

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

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

Material dredged: Sand

Other Material: Rocks, Debris, Shell material (oyster), sargassum weed

Biological: Atlantic Stingrays, Butterfly Rays, unid snapper, a couple small fishes

Trawler caught Green Turtles # 40-44

BRIDGE WATCH SUMMARY

Time	Species	#Sightings	#Animals	Location/Comments
1000	Bottlenose dolph		1	Outside channel near bell 3
1047			2	Inside channel entrance
1215			3	Inside channel entrance

Observer name Leslie Osborn / Jeff Trew

**ENDANGERED SPECIES OBSERVER PROGRAM
DAILY REPORT**

USACE DISTRICT: Galveston

PROJECT NAME: Brazos Island Harbor DREDGE NAME: Padre Island

Date: 03-09-07 Load #: 126-134 Areas dredge worked: Brownsville Entrance Channel

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

AIR TEMP: 67-76 F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 65-66 F Column (mid-depth) _____ °C / °F Bottom _____ °C / °F

Condition of deflector: good Condition of screening: good

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

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

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

Material dredged: Sand

Other Material: Rocks, Debris, Shell material (oyster),

Biological: Atlantic Stingrays, Butterfly Ray, (1) Lesser Electric Ray adult

- Trawler caught Green Turtles # 52-55

- Observers having to flush some boxes during most loads due to boxes getting plugged with rock, shell, clay.

- Captain change, Capt Bob came on, Capt W. Cliette left.

BRIDGE WATCH SUMMARY

Time	Species	#Sightings	#Animals	Location/Comments
0700	Bottlenose dolph		2	Near bell #3 mouth of jetty / feeding behv
0900			2	Surfaced near mouth of jetty
0920			3	½ mi inside channel
0940			1	Inside jetty / repeated surfacing & diving
1150			6	Inside channel / riding the small bow waves in front of a dolphin watching tour boat

Observer name Leslie Osborn / Jeff Trew

**ENDANGERED SPECIES OBSERVER PROGRAM
DAILY REPORT**

USACE DISTRICT: Galveston

PROJECT NAME: Brazos Island Harbor **DREDGE NAME:** Padre Island

Date: 03-11-07 **Load #s:** 143-149 **Areas dredge worked:** Brownsville Entrance Channel

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

AIR TEMP: 68-70 F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

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

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

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

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

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

Material dredged: Sand

Other Material: Rocks, Debris, Shell material (oyster), Clay, Sargassum weed

Biological: Atlantic Stingrays, Butterfly Ray, 2.5 ft unid fish (snapper or sheephead)

- Trawlers caught Green Turtles # 56-57

* - load 147, 3 hr delay to repair stbd aft box gate (weld broke)

- boxes being opened (contents released) multiple times during loads as needed – plugged with rocks, shell, clay, debris

BRIDGE WATCH SUMMARY

Time	Species	#Sightings	#Animals	Location/Comments
0740	Bottlenose dolph		1	¼ mi inside channel / surfaced once
0745			2	Inside jetty / surfaced, rolled, dove
0840			8 +	Pod active at mouth of jetty

Observer name Leslie Osborn / Jeff Trew

**ENDANGERED SPECIES OBSERVER PROGRAM
DAILY REPORT**

USACE DISTRICT: Galveston

PROJECT NAME: Brazos Island Harbor **DREDGE NAME:** Padre Island

Date: 03-15-07 **Load #s:** 168-171 **Areas dredge worked:** Brownsville Entrance Channel

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

AIR TEMP: 72-80 F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 69 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)) Green

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

Material dredged: Sand

Other Material: Rocks, Debris, Shell material (oyster), Sargassum weed, Clay (a few balls)

Biological: Atlantic Stingrays, Butterfly Rays, (1) Gafftopsail catfish

- Trawlers caught Green Turtles # 65

- Dredge got Turtle Take #6 Load 169

- TED Paint Test done prior to load 170

- Job ended officially today after load 171.

BRIDGE WATCH SUMMARY

Time	Species	#Sightings	#Animals	Location/Comments
0800	Bottlenose dolph		3	Inside channel bell 5 / rolling together, active, one leaped out of the water
0817			3-4	Surfaced inside jetty entrance
1000			3	Surfaced at disposal site 1/8 mi from ship

Observer name Leslie Osborn / Jeff Trew