

ENDANGERED SPECIES OBSERVER PROGRAM
WEEKLY SUMMARY

USACE DISTRICT: GALVESTON, TX
PROJECT NAME: FREEDOM HARBOR CHANNEL MAINTENANCE DREDGE NAME: M/V STUYVESANT

Dates: 2/5/06 - 2/7/06 Load #: 533-567

Areas dredge worked: Sections 3-6

Were there incidents involving endangered or protected species? YES NO

Which species?

Comments: End of project -

BRIDGE WATCH SUMMARY

<u>Date/Time</u>	<u>Species</u>	<u># Sightings</u>	<u># Animals</u>	<u>Location/Comments</u>

Observer name Scott A. Newberry
EAST COAST OBSERVERS, INCORPORATED
Norfolk, VA.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: 05 / 15 / 2006

Project Name: FREEPORT CHANNEL USACE District: _____

Dredge Name: EAGLE-1 Dredge Firm: BEAN

Contract # 06-C-0612 Maintenance / New Work _____

Load #s: 1 - 6 Areas worked (stations, etc): _____

Location, Lat/Long: N 28° 05' 713 x W 75° 16' 295

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

AIR TEMP: 69.4 - 75 °C/F Wind Direction and Speed N-NE @ 10-20 kt

WATER TEMP: Surface 75 °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, CLAY

BIO: NONE

ABR: MUD, CLAY, ROPE, BAGS, TRASH.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
NO SIGHTINGS REPORTED			

Observers Names TRAVIS TOBER / KEVIN ANDERSON

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: 05 / 16 / 2006

Project Name: FREEMONT CHANNEL USACE District: GAUGSTON
 Dredge Name: EAGLE-1 Dredge Firm: BEAL
 Contract #: 06-C-0012 Maintenance / New Work

Load #: 7 - 18 Areas worked (stations, etc): 47¹⁰⁰ → 72¹⁰⁰ (DAY); 00 → 80⁺

Location, Lat/Long: N 28° 56' 54.3" x W 95° 18' 18.9" NIGHT:

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

AIR TEMP: 69.6 - 82.4 C/F Wind Direction and Speed NE-NW @ 5-20 K

WATER TEMP: Surface 74 - 76 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, CLAY

BLOTA: NONE

ABLOTA: MUD, CLAY, RAGS, TRASH

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
ALL DAY	<i>T. truncatus</i>	MULTI / MULTI	ALL DAY ALL OVER CHANNEL
2 @ 0750	UNIDENTIFIED	1 / 1	DEAD TURTLE SEEN FLOATING DOWN CHANNEL LOOKED BLOATED + ROTTEN * NOT CAUSED BY DREDGE *
			28° 56' 11.2" N 95° 17' 03.9" W

Observers Names: TRAVIS TOBERT KEVIN ANDERSON

Observer Firm: COASTWISE CONSULTING

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: 05 / 17 / 06

Project Name: FREEPORT CHANNEL USACE District: GALVESTON

Dredge Name: EAGLE-1 Dredge Firm: BEAN

Contract # 06-C-0012 Maintenance X / New Work

Load #: 19 - 31 Areas worked (stations, etc): 47^{top} -> 72^{top} (DAY); 00 -> 80^{top} (NIGHT)

Location, Lat/Long: N 28 . 55 . 14 x W 95 . 16 . 72

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

AIR TEMP: 66-85.4 °C/F Wind Direction and Speed 6-15KT NW

WATER TEMP: Surface 74-75 °C/F Column (mid-depth) 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):

NO INCIDENTS INVOLVING PROTECTED OR ENDANGERED SPECIES

MATERIAL DREDGED: MUD, CLAY

BIOTA: NONE

ABIOTA: MUD, CLAY, RAGS, TRASH

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
ALL DAY	t. truncatus	MULT / MULT	ALL OVER CHANNEL ALL DAY

Observers Names LINDSEY LOUGHRY / TRAVIS TOBEY

Observer Firm COASTWISE CONSULTING

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: 05 / 18 / 2006

Project Name: FREEPORT CHANNEL USACE District: GALVESTON

Dredge Name: EAGLE - 1 Dredge Firm: DEAN

Contract #: 06-C-0012 Maintenance / New Work

Load #s: 32 - 42 Areas worked (stations, etc): 47^{too} -> 72^{too}; 00 -> 80^{too}

Location, Lat/Long: N 28° 56' 59" x W 75° 18' 33"

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

AIR TEMP: 70.7 - 72.7 °C / 160 Wind Direction and Speed: W 5-10 KT; S 5-20 KT

WATER TEMP: Surface 74-76 °C / 160 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, CLAY

BIOTA: STILGRASS (?)

ABIOTA: MUD, CLAY, BAGS, TRASH

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
ALL DAY	T. truncatus	MULTI / MULTI	ALLOVER CHANNEL ALL DAY LONG

Observers Names: LINDSEY LOUGHERY TRAVIS TOBEY

Observer Firm: COASTWISE CONSULTING

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: 05 / 19 / 2006

Project Name: FREEPORT CHANNEL USACE District: GALVESTON

Dredge Name: EAGLE-1 Dredge Firm: BEAN

Contract # 06-C-0012 Maintenance / New Work

Load #s: 43 - 53 Areas worked (stations, etc): 47¹⁰⁰-72¹⁰⁰ ; 11000-8000

Location, Lat/Long: N 28° 55' 54.8" x W 95° 17' 15.3"

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

AIR TEMP: 80.8-75.4 °C (°F) Wind Direction and Speed 5-20 KT SW

WATER TEMP: Surface 74-76 °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, ENDANGERED, OR THREATENED SPECIES.

MATERIAL DREDGED: MUD & CLAY

BIO: NONE

ABIO: MUD, CLAY, RAGS, TRASH, DEBRIS, ALGAE

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
<u>ALL DAY</u>	<u>L. truncatus</u>	<u>MULTI/MULTI</u>	<u>ALL OVER CHANNEL AND DUMPSITE ALL DAY LONG</u>

Observers Names LINDSEY LOUGHRY TRAVIS TOBEY

Observer Firm COASTWISE CONSULTING

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: 05 17 2006

Project Name: FREEMPORT CHANNEL USACE District: GALVESTON
 Dredge Name: EAGLE - 1 Dredge Firm: BEAN
 Contract # 06 - C - 0012 Maintenance / New Work

Load #s: 54 - 58 Areas worked (stations, etc): 47^{too} → 72^{too} (DAY) 00 → 80^{too} (NIGHT)

Location, Lat/Long: N 28 ° 55 ' 026 x W 95 ° 16 ' 605

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

AIR TEMP: 74.8 °C/°F Wind Direction and Speed SW @ 5 knots

WATER TEMP: Surface 75-76 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, CLAY

BIOTA: NONE

ABIOTA: MUD, CLAY, RAGS, TRASH

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
<u>FULL DAY</u>	<u>t. truncatus</u>	<u>MULT / MULT</u>	<u>ALL OVER CHANNEL</u> <u>ALL DAY</u>

Observers Names: TRAVIS TOBEY / LINDSEY LOUGHRAN
 Observer Firm: COASTWISE CONSULTING

