27 50.07.07695 N
97 02-30.0096 3W

ENDANGERED SPECIES OBSERVER PROGRAM

Westerly limit stat 34+00
Easterly " " 39+00

Dredge: Bayport
Project: Corpus Christi, Texas (ENTRance Channel)

Location (Lat/Long, stations): 27°50.109'N 97°02.495'W
Weather (wind –direction and strength, sea state, temp., etc,): 0% CC, clear, N calm 5KTS, BSS 2+1,
Tide Stage:
Water Temp. (Surface): 78°F Time: 12:35 (Below Mid-Depth): / Time:

Load # 1 Date 10/19/03 Start 0810 End 0953 Dump (*) 11:50

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead: Clear Deflector: Clear
Stbd Draghead: Deflector:
Port Inflow, Fwd: sand, shells, Debris
Port Inflow, Aft: ~~N/A~~ — lg. chunks of wood in stbd fwd box wedging it open
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: (*) Delay — still surveying dumpsite

Load # 2 Date 10/19/03 Start 12:10 End 1407 Dump 1421

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples: Two Dido's Turtle ~~trawling~~

Port Draghead: Clear Deflector: Clear
Stbd Draghead: Deflector:
Port Inflow, Fwd: Shells
Port Inflow, Aft: ~~N/A~~ debris
Stbd Inflow, Fwd: material: course SAND w/shell fragment
Stbd Inflor, Aft: ~~N/A~~
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: NOT using FORWARD STB. ~~— very frustrating job as boxes are unacceptable w/ [illegible]~~

Load # 3 Date 10/19/03 Start 1440 End 1621 Dump 1637

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead: clear Deflector:
Stbd Draghead: fish line Deflector: Clear
Port Inflow, Fwd:
Port Inflow, Aft: ~~N/A~~ Shells (olive, cockle, clam, oyster, pinhole sand dollar
Stbd Inflow, Fwd: scallop Barnacle, whelk egg case
Stbd Inflor, Aft: ~~N/A~~ — abundance of shell, Lobed moon snail, oyster drill
Fwd Overflow: ~~N/A~~ Soft coral pinshell
Aft Overflow: ~~N/A~~
Comments: Visually observing boxes (w/binos) before open. as port aft box getting clogged w/empty shells ~~[illegible]~~

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment
T. truncatus	6-8	feeding/swimming @ 1006 @ buoy #4
" "		13:38 inside jetty & inside
		1453 (buoy 9+10)
		16

Observers On Duty: Cary Deringer / Irene Briga

surface active behavior
Tail lobbing / Breaching

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport
Project: Corpus Christi, Texas

Location (Lat/Long, stations): _____
Weather (wind –direction and strength, sea state, temp., etc,): _____
Tide Stage: _____
Water Temp. (Surface): _____ Time: _____ (Below Mid-Depth): _____ Time: _____

Load # 4 Date 10/19/03 Start 1658 End 1948 Dump 2007

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector: Clear
Stbd Draghead: Clear Deflector: Clear
Port Inflow, Fwd:
Port Inflow, Aft: ~~N/A~~ Shells, wood, debris
Stbd Inflow, Fwd:
Stbd Inflor, Aft: ~~N/A~~
Fwd Overflow: ~~N/A~~
Aft Overflow: ~~N/A~~
Comments: moon jelly (Aurelia aurita), Cannonball Jelly in the sea

Load # 5 Date 10/19/03 Start 2031 End 0050 Dump 0110

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector: Clear
Stbd Draghead: Clear Deflector: Clear
Port Inflow, Fwd:
Port Inflow, Aft: shells, wood, plastics, fishing seas,
Stbd Inflow, Fwd:
Stbd Inflor, Aft: netting,
Fwd Overflow:
Aft Overflow: mat. = coarse sand
Comments:
* last load — anchored @ 0130 / waiting for USACE survey

Load # _____ Date ___/___/03 Start _____ End _____ Dump _____

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Deflector:
Stbd Draghead: Deflector:
Port Inflow, Fwd:
Port Inflow, Aft: N/A
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments:

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment

Observers On Duty: Cary Deringer / Irene Briga