ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Padre Island

Project: Cape Canaveral Harbor

Date: 13 / Sep / 04

Load # 04 Start 20:24 End 22:35 Dump 23:25-23:41

Location (lat/long, stations) 28°24'N, 80°35'W Tide Stage flood

Weather (wind dir, beaufort, sea state, temp, etc.) mostly cloudy; 3-4' seas; winds ESE 12-15

Water Temp., Surface 28.5°C (15:30) Below Mid-Depth X

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

Note biological samples:

Port Draghead grass, cast net, wood Deflector ok

Stbd Draghead juvenile green turtle, grass, wood Deflector ok

Port Inflow, Fore grass Mid X

Port Inflow, Aft grass, whelk + conch + clam shells, holothurian, blue crab(1)

Stbd Inflow, Fore grass Mid X

Stbd Inflow, Aft limulus polyphemus(2), sea catfish(1), whelk + conch + clam shells, grass, holothurian, 1 whelk, wood, palmetto root.

Port Overflow, Primary grass, wood Secondary X

Stbd Overflow, Primary grass, wood Secondary X

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Some clay and rock present in boxes

Debris consists of plastic, metal, rubber

Juvenile green sea turtle found lodged between the teeth of the draghead @ approximately 23:30 while at the dump. Several cuts above left fore flipper, under jaw, and in neck area. Bleeding from wounds and eyes. Turtle seemed actively alert and placed in a dark area while awaiting pick up to rehabilitation facility. Iodine swab was applied to wounded areas.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty Patricia Kusmierska