ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Jacksonville

CONTRACT #: W912EP-04-C-0035 Maintenance ✓ /New Work ____ PROJECT start date 13-Sep-04

PROJECT NAME: Canaveral Harbor DREDGE NAME: Padre Island

DREDGE FIRM: Great Lakes

LOAD #: 35 LOAD start date: 21 Sept 04 Times (24hrs): Start 0849 End 12:08

Condition of screening : *Port Excellent Starboard Excellent Overflow Excellent

*(Warped aft box door - pin is in place)

Number of dragheads in use: 2 Type of dragheads used: Universal Size of dragheads: 4' x 6'

Draghead deflector? YES ✓ NO ____ Condition of deflector: Excellent

Type of material dredged: mostly sand w clay, silt + rock

Weather conditions: overcast, ENE 20-25 ↓ 10-15, 2-3' chop in channel, 6-7' at disposal area, scattered showers

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 3-4 ft Wind (speed & direction): ENE 10-25 (decreasing to 10-15 in late am) (Sea state - 4 to 3]

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

WATER TEMP: Surface 26 °C/°F Column (mid-depth) ____ °C/°F Bottom 27.2 °C/°F previous night

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
✓	Overflow screening:	None	25%	50%	75%	(100%)
NA	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: horse conch shells, whelk shells, cockle shells, spartine alterniflora, plastic, rope, wood, shoe, cloth, pvc pipe

overflow: grass draghead: palmetto tree, grass, monofilament line

STARBOARD SCREEN CONTENTS: 2 limulus polyphemus, 1 hypoplastron (old sea turtle bone), Rhizophora mangle seedlings, spartine alterniflora, Thalassia testudinum, cloth, plastic, PVC

overflow: grass, wood, Chelonia mydas draghead: grass, rope

Estimate number entrained on this load for the following: *PVC pipe (lodged in door → created an opening during dig in starboard fore box

Sturgeon (any species) —

Shark (any species) —

Horseshoe crab 2

Blue crab —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ✓ NO ____

SPECIES OF TURTLE TAKE: Unknown Loggerhead (Green) Kemp's ridley Hawksbill Leatherback

Comments: 0700 - Trawlers Ashlee Michelle + Cheryl Lynn start relocating turtles again. 11 Cruise ships / freighters in channel before + during loading

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: Kirsten Dahlen / Patricia Kusmierski Observer firm REMSA, Inc.

Observer signature Kirsten Dahlen Patricia Kusmierski

*NOTES ON SCREENING