ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

ACE DISTRICT: MOBILE

CONTRACT #: W91278-05-D-0012 Maintenance ___ /New Work X PROJECT start date 05 OCT 05

PROJECT NAME: PANAMA CITY BEACH RENOURISHMENT DREDGE NAME: B.E. LINDHOLM

DREDGE FIRM: WEEKS MARINE

LOAD #: 657 LOAD start date: 5 MAR 06 Times (24hrs): Start 1913 End 2206

Condition of screening: Port good Starboard good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC STANDARD Size of dragheads: 40ft² 4x4 mesh

Draghead deflector? YES ✓ NO ___ Condition of deflector: good

Type of material dredged: Sand

Weather conditions: CLEAR

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: 1-2 ft Wind (speed & direction): See 8-9 Knots

AIR TEMP: 64 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 60 °C/°F Column (mid-depth) 1 °C/°F Bottom 1 °C/°F

REEN TYPE

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

~~PORT SCREEN CONTENTS~~: FORE: trash, horseshoe crab (1), shells Kemp's Ridley Turtle (1) PORT: Ø

~~STARBOARD SCREEN CONTENTS~~: MID: Ø STRBD: Ø

AFT: Ø OVRFLW: Wood, trash

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø

Shark (any species) Ø

Horseshoe crab 1

Blue crab Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES X NO ___

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

Comments: resumed dredging operation 1913 after having anchored 0836-1834... juvenile Kemp's ridley remains found (see attached Sea turtle incidental take data form) open carrying-out routine post-load inspection 2215

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

Observer's name: BRENDAN HUGHES

Observer signature Brendan Hughes Observer firm ECO, Inc.