ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Jacksonville, FL

CONTRACT #: W912EP-11-D-0004 **Maintenance** X **/New Work** _____ **PROJECT start date** 18 09Feb2011

PROJECT NAME: 46' Proj Entrance Chan(Cut-1N) Kings Bay, GA **DREDGE NAME:** ~~Dodge~~ Island Terrapin

DREDGE FIRM: GLDD

LOAD #: 54 **LOAD start date:** 11Mar11 **Times (24hrs): Start** 1635 **End** 0700

Condition of screening : **Port** good **Starboard** good **Overflow** —

Number of dragheads in use: 2 **Type of dragheads used:** BOKA 900mm **Size of dragheads:** —

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: Sunny/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: 0-2 **ft** **Wind (speed & direction):** W @ 20 knots

AIR TEMP: 59.5 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 56 °C/(°F) **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

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

PORT SCREEN CONTENTS: juvenile green, 2 cownose rays, horseshoe crabs, plants, clay, plastic, rope, worm, nets

STARBOARD SCREEN CONTENTS: cownose ray, horseshoe crabs, plants, plastic, sea weed, rope, wire, fishing line, net, crab pot line.

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab Approx 25.

Blue crab ___

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

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

Comments: ___

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

Observer's name: E. Bevan / Stan Friedma **Observer firm** REMSA Inc.

Observer signature Elizabeth Bevan / Stan F.