Endangered Species Observer Program
LOAD DATA FORM

Project Name: Walton County/Destin Restoration **USACE District:** Jacksonville

Dredge Name: Liberty Island **Dredge Firm:** Great Lakes Dredge & Dock

Date 05/20/06 **LOAD #:** 309

Times (24hrs): Start 2319 **End** 0032 **Dump** 0147

Location, Lat/Long: N 30 21.725 **W** 86 29.795

Condition of screening : Port GOOD **Starboard** GOOD **Overflow** GOOD

Number of dragheads in use: 2 **Type of dragheads used:** STANDARD Single visor **Size of dragheads:** 10.5'
Draghead deflector? YES X **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 (Enter BSS 1-8) 2 **Wave Height:** 1-2 **ft**

Wind (speed & direction): NW @ 5-10 kt **AIR TEMP:** 73° °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 84 °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: Sand, Shells, Wood Debris. 6 pieces of a badly mutilated Caretta Caretta.

STARBOARD SCREEN CONTENTS:

Estimate number entrained on this load for the following:

Sturgeon (any species) ___
Shark (any species) ___
Horseshoe crab ___
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: Fresh dead turtle parts recovered from inflow screening. Turtle species determined by coloration of scutes from carapace pieces recovered. Along with carapace pieces, one vertebrae remained with attached muscle tissue and three undetermined bone fragments with attached muscle tissue were also recovered.

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50%**

Observer's Name: James Boyle **Observer firm** Coastwise Consulting, Inc.