ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Jacksonville, FL

CONTRACT #: W91ZEP-06-C-0003 Maintenance X /New Work _____ PROJECT start date 28 [illegible]

PROJECT NAME: PALM BEACH HARBOR, FL DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B & B

LOAD #: 1 LOAD start date: 28 NOV 05 Times (24hrs): Start 2034 End 2053

Condition of screening : Port good Starboard NA Overflow _____

Number of dragheads in use: 1 Type of dragheads used: standard Size of dragheads: [illegible]

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

Type of material dredged: debris, vegetation, + silt

Weather conditions: mostly clear, windy - seas choppy outside of jetty and disposal site

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: ~1.5-2 ft Wind (speed & direction): SE @ 5 [illegible]

AIR TEMP: 865 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

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

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

PORT SCREEN CONTENTS: 1 flounder - unknown spp. due to typical condition (2 screens + 1 lander)

STARBOARD SCREEN CONTENTS: N/A

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 _____ NO X

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

Comments: Operations delayed after Load 1: mechanical problems. Operations resumed after 2400 hrs.

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

Observer's name: [illegible] Observer firm ECO, INC

Observer signature [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Jacksonville, FL

CONTRACT #: W912EP-06-C-0003 Maintenance X /New Work ____ PROJECT start date 28 Nov

PROJECT NAME: Palm Beach Harbor, FL DREDGE NAME: Atchafalaya

DREDGE FIRM: B&B

LOAD #: 18 LOAD start date: 30 NOV 05 Times (24hrs): Start 0518 End 0643

Condition of screening: Port (GOOD) Starboard — Overflow —

Number of dragheads in use: 1 Type of dragheads used: standard Size of dragheads: 6'11"

Draghead deflector? YES X NO ____ Condition of deflector: GOOD

Type of material dredged: debris, vegetation, silt, sand

Weather conditions: CLOUDY, PT. FOGGY IN AREAS (ESP. AT SEA)

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): 4-6 knots W

AIR TEMP: 72.2 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: (2 screens + 1 ft lander): debris (trash + wood debris)
*Found skeleton/old femoral bone 1 Horseshoe crab
-poss sea turtle (spp. unknown) 1 Barrel sponge

~~STARBOARD SCREEN CONTENTS:~~ NA

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 ____ NO X

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

Comments: Incident report filled out for bone found in lander.

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

Observer's name: GWENDOLYN OVERHOLTZER Observer firm ECO, INC.

Observer signature [signature]