ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 062 LOAD start date: 21 Mar 06 Times (24hrs): Start 1832 End 2108

Condition of screening: Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: Fair & 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: 2-5 ft Wind (speed & direction): 5-10 N

AIR TEMP: 68.6 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °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: Sea star Sand Dollars spider crabs horseshoe crabs

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 4

Blue crab 0

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

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

Comments: NA

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

Observer's name: Charles Jourdant Observer firm ECO INC

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 063 LOAD start date: 21 Mar 06 Times (24hrs): Start 2144 End 0023

Condition of screening: Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: Fair

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: 0-3 ft Wind (speed & direction): 0-10

AIR TEMP: 60.9 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °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 Ray, 7 Horseshoe Crabs, 10 sea stars, 1 flounder, sand dollars

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	7
Blue crab	0

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

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

Comments: NA

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

Observer's name: M. Evans Observer firm ECO INC

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 064 LOAD start date: 22 Mar 06 Times (24hrs): Start 0057 End 0234

Condition of screening: Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: fair

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

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

<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- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
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: 0-5 ft Wind (speed & direction): 22-27 kt N

AIR TEMP: 55.6 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °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: 5 horseshoe crabs, sea stars, sand dollars

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 5

Blue crab 0

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

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

Comments: NA

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

Observer's name: M Evans Observer firm ECO-INC

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 065 LOAD start date: 22 Mar 06 Times (24hrs): Start 0308 End 0553

Condition of screening: Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: fair

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

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

<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- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
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: 0-5 ft Wind (speed & direction): 17-21 kt NNW

AIR TEMP: 55.6 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C/°F Column (mid-depth) X °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: 7 horseshoe crabs, 1 spider crab, Sea Stars

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	7
Blue crab	0

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

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

Comments: NA

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

Observer's name: M Evans Observer firm ECO INC

Observer signature: M Evans

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 066 LOAD start date: 22 Mar 06 Times (24hrs): Start 0633 End 0853

Condition of screening: Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: sand

Weather conditions: fair & 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: 1-5 ft Wind (speed & direction): 22-27 kt NW

AIR TEMP: 53.1 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C/°F Column (mid-depth) X °C/°F Bottom X °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: 5 horseshoe crabs, sea stars, sand dollars, gastropods & bivalves

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	5
Blue crab	0

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

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

Comments: NA

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

Observer's name: M. Evans Observer firm ECO INC

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 067 LOAD start date: 22 Mar 06 Times (24hrs): Start 0920 End 1040

ndition of screening : Port good Starboard X Overflow X

umber of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: fair & clear

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

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

<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- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
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 ft Wind (speed & direction): 17-21 kt NNW

AIR TEMP: 53.7 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C/°F Column (mid-depth) X °C/°F Bottom X °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: Sea stars, Sand dollars, 2 horseshoe crabs

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 2

Blue crab 0

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

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

Comments: NA

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

Observer's name: Melissa Evans Observer firm ECO INC

Observer signature Melissa Evans

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 068 LOAD start date: 22 Mar 06 Times (24hrs): Start 1105 End 1237

Condition of screening: Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: fair & clear

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

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

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

Waves: 1-5 ft Wind (speed & direction): 11-16 kt. N

AIR TEMP: 57.2 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C/°F Column (mid-depth) 4 °C/°F Bottom 4 °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: sea stars, horseshoe crabs, sand dollars

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	4
Blue crab	0

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

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: Melissa Evans Observer firm ECO INC

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 069 LOAD start date: 22Mar06 Times (24hrs): Start 1303 End 1455

Condition of screening: Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: Fair & clear

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

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

<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- 3 knot/ 0.25 ft | (4) = 11-16 knot/ 4 ft | 7 = 28-33 knot/14 ft | 10 = 48-55 knot/29 ft
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: 0-4 ft Wind (speed & direction): 10-20

AIR TEMP: 60.9 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57.2 °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: Sea stars, Sand Dollars, Fishing Gear

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0
Shark (any species) 0
Horseshoe crab 0
Blue crab 0

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

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

Comments: NA

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

Observer's name: Charles Jourdan Observer firm ECO INC

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

OAD #: 070 LOAD start date: 22 Mar 06 Times (24hrs): Start 1519 End 1700

ondition of screening : Port Good Starboard X Overflow X

umber of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

ragheads deflector? YES X NO ___ Condition of deflector: Good

ype of material dredged: Sand

Weather conditions: Fair & clear

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

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

<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- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
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: 0-5 ft Wind (speed & direction): 10-20

IR TEMP: 58 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ATER TEMP: Surface 57 °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

CREEN TYPE X

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

ORT SCREEN CONTENTS: Sea Stars, Male Skate, Sand Dollars

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	2
Blue crab	0

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

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

Comments: NA

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

Observer's name: Charles Jaggard II Observer firm ECO INC

Observer signature Charles Jaggard II

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

ONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

ROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

OAD #: 071 LOAD start date: 22 Mar 06 Times (24hrs): Start 1730 End 1852

ndition of screening : Port Good Starboard X Overflow X

umber of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

raghead deflector? YES X NO ___ Condition of deflector: Good

ype of material dredged: ____

Weather conditions: Fair & Clear

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

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

<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- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
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: 0-4 ft Wind (speed & direction): 10-20

IR TEMP: 57 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ATER TEMP: Surface 57 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

CREEN TYPE

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

ORT SCREEN CONTENTS: Forward lander screen had Turtle parts

TARBOARD SCREEN CONTENTS: NA

timate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

omments: 16in part of the plastron

umber observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

bserver's name: Charles Jourdan Observer firm ECO INC

bserver signature Charles Jourdan

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

ONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

ROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

OAD #: 072 LOAD start date: 22 Mar 06 Times (24hrs): Start 1423 End 2058

ndition of screening: Port Good Starboard X Overflow X

mber of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

ghead deflector? YES X NO ___ Condition of deflector: Good

ype of material dredged: Sand

Weather conditions: Fair & clear

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

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

<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- 3 knot/ 0.25 ft | (4) = 11-16 knot/ 4 ft | 7 = 28-33 knot/14 ft | 10 = 48-55 knot/29 ft
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: 0-4 ft Wind (speed & direction): 10-20

R TEMP: 55 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

TER TEMP: Surface 57 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

REEN TYPE X

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

ORT SCREEN CONTENTS: horseshoe crabs & seastars

TARBOARD SCREEN CONTENTS: NA

timate number entrained on this load for the following:

Sturgeon (any species) 0
Shark (any species) 0
Horseshoe crab 2
Blue crab 0

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

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

mments:

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

bserver's name: Charles Trueheart Observer firm ECO INC

bserver signature Charles Trueheart

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

ONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

ROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

AD #: 073 LOAD start date: 22 Mar 06 Times (24hrs): Start 2123 End 2254

ndition of screening : Port Good Starboard X Overflow X

mber of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

aghead deflector? YES X NO ___ Condition of deflector: Good

ype of material dredged: Sand

eather conditions: Fair & Clear

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

anfort Sea States (Winds/Wave Height) (CIRCLE ONE) . . .

<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- 3 knot/ 0.25 ft	(4) = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

aves: 0-4 ft Wind (speed & direction): 10-20

R TEMP: 55 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ATER TEMP: Surface 57 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

REEN TYPE

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

RT SCREEN CONTENTS: horseshoe crabs, Sea stars, spider crab, Butterfly Ray

ARBOARD SCREEN CONTENTS: NA

timate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 3

Blue crab 0

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

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

mments:

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

bserver's name: Charles Jourdinot Observer firm ECO INC

server signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

ONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

ROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

AD #: 074 LOAD start date: 22 Mar 06 Times (24hrs): Start 23 19 End 01 01

ndition of screening: Port Good Starboard X Overflow X

mber of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

ghead deflector? YES X NO ___ Condition of deflector: Good

ype of material dredged: ____

eather conditions: Fair & clear

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

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

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

aves: 0-5 ft Wind (speed & direction): 15-20

R TEMP: 56 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ER TEMP: Surface 57 °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

REEN TYPE X

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

RT SCREEN CONTENTS: 4 horseshoe crabs sea Stars, Sand dollars

ARBOARD SCREEN CONTENTS: NA

timate number entrained on this load for the following:

Sturgeon (any species) 0
Shark (any species) 0
Horseshoe crab 4
Blue crab 0

RTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

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

mments: ____

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

server's name: ____ Observer firm ECO INC

server signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

ONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

ROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

AD #: 075 LOAD start date 23 Mar 06 Times (24hrs): Start 0128 End 0306

ndition of screening: Port good Starboard X Overflow X

mber of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

ype of material dredged: Sand

eather conditions: fair & clear

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

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

<1 knot/ 0 ft; 1 = 7-10 knot/ 2 ft; 6 = 22-27 knot/10 ft; 9 = 41-47 knot/23 ft; 12 = >63 knot/45

1- 3 knot/ 0.25 ft; 2 = 11-16 knot/ 4 ft; 7 = 28-33 knot/14 ft; 10 = 48-55 knot/29 ft

4- 6 knot/ 0.5 ft; (3) = 17-21 knot/ 6 ft; 8 = 34-40 knot/18 ft; 11 = 56-63 knot/37 ft

aves: 0-5 ft Wind (speed & direction): 17-21 kt E

R TEMP: 55.9 °C/(F)

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ATER TEMP: Surface 57 °C/(F) Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

REEN TYPE X

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

ORT SCREEN CONTENTS: ____

TARBOARD SCREEN CONTENTS: NA

timate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 0

Blue crab 0

URTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

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

mments: ____

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

bserver's name: Melissa Evans Observer firm ECO INC

bserver signature ____

ngered Species Observer Program Forms K - 1 - 1 ATTACHMENT K-1

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

ROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

OAD #: 076 LOAD start date: 23 Mar 06 Times (24hrs): Start 0335 End 0506

ndition of screening : Port good Starboard X Overflow X

mber of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

ype of material dredged: sand

Weather conditions: fair & clear

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

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

<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- 3 knot/ 0.25 ft | 4 = 11-16 knot/ 4 ft | 7 = 28-33 knot/14 ft | 10 = 48-55 knot/29 ft
4- 6 knot/ 0.5 ft | (5) = 17-21 knot/ 6 ft | 8 = 34-40 knot/18 ft | 11 = 56-63 knot/37 ft

aves: 1-5 ft Wind (speed & direction): 17-21 kt NE

IR TEMP: 54.9 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ATER TEMP: Surface 57 °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

CREEN TYPE X

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

ORT SCREEN CONTENTS: 6 Horseshoe Crabs, starfish & sand dollars

TARBOARD SCREEN CONTENTS: NA

timate number entrained on this load for the following:

Sturgeon (any species) 0
Shark (any species) 0
Horseshoe crab 6
Blue crab 0

RTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

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

mments: NA

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

bserver's name: Melissa Evans Observer firm ECO INC

bserver signature

ngered Species Observer Program Forms K - 1 - 1 ATTACHMENT K-1

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

ONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

ROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

OAD #: 077 LOAD start date: 23 Mar 06 Times (24hrs): Start 0609 End 0731

ondition of screening : Port good Starboard X Overflow X

umber of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

ype of material dredged: Sand

Weather conditions: fair & clear

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

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

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

Waves: 1-5 ft Wind (speed & direction): 17-21 kt ENE

IR TEMP: 57.2 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ATER TEMP: Surface 57 °C/°F Column (mid-depth) X °C/°F Bottom X °C/°F

CREEN TYPE X

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

ORT SCREEN CONTENTS: more of previous turtle parts found in rear lander. (plastron & shell)

TARBOARD SCREEN CONTENTS: NA

timate number entrained on this load for the following:

Sturgeon (any species) 0
Shark (any species) 0
Horseshoe crab 3
Blue crab 0

URTLE OR TURTLE PARTS PRESENT THIS LOAD: YES X NO ____

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

omments: See attached form

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

bserver's name: Melissa Evans Observer firm ECO INC

bserver signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

ONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

ROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

OAD #: 078 LOAD start date: 23 Mar 06 Times (24hrs): Start 0802 End 0919

ondition of screening : Port good Starboard X Overflow X

umber of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

ype of material dredged: Sand

Weather conditions: overcast

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

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

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

Waves: 1-5 ft Wind (speed & direction): 17-21 kt N

IR TEMP: 55.6 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ATER TEMP: Surface 57 °C/°F Column (mid-depth) ? °C/°F Bottom ? °C/°F

CREEN TYPE X

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

ORT SCREEN CONTENTS: flippers, carapace and plastron pieces of Kemps ridley turtle found in box and rear lander

TARBOARD 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

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

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

omments: found in rear lander and box see attached sheets and see also loads 077 and 071

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

bserver's name: Melissa Evans Observer firm ECO INC

bserver signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

ONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

ROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

AD #: 079 LOAD start date: 23 Mar 06 Times (24hrs): Start 1034 End 1208

ndition of screening : Port good Starboard X Overflow X

mber of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

ype of material dredged: Sand

eather conditions: overcast

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

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

<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- 3 knot/ 0.25 ft	(4) = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

aves: 1-5 ft Wind (speed & direction): 11-16 kt N

R TEMP: 56.3 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ATER TEMP: Surface 57 °C/°F Column (mid-depth) f °C/°F Bottom X °C/°F

REEN TYPE

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

RT SCREEN CONTENTS: clear

ARBOARD SCREEN CONTENTS: NA

timate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 1

Blue crab 0

RTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO ✓

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

mments:

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

server's name: Charles Jourdant Observer firm ECO INC

server signature [signature] IC

ngered Species Observer Program Forms K - 1 - 1 ATTACHMENT K - 1

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

ONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

ROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

OAD #: 080 LOAD start date: 23 Mar 06 Times (24hrs): Start 1232 End 1409

ondition of screening : Port Good Starboard X Overflow X

umber of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

raghead deflector? YES X NO ___ Condition of deflector: Good

ype of material dredged: Sand

eather conditions: Overcast

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

eaufort 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	

aves: 1-5 ft Wind (speed & direction): 15-20

R TEMP: 56 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ATER TEMP: Surface 57 °C/°F Column (mid-depth) x °C/°F Bottom x °C/°F

REEN TYPE X

___ Inflow screening:	None	25%	50%	75%	100%
___ Overflow screening:	None	25%	50%	75%	100%
___ Other screening:	None	25%	50%	75%	100%

ORT SCREEN CONTENTS: Sea stars horseshoe crabs sand Dollars

TARBOARD SCREEN CONTENTS: NA

timate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

URTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO ✓

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

mments: NA

ditional observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

bserver's name: Charles Jourdan Observer firm ECO INC

bserver signature Charles Jourdan

dangered Species Observer Program Forms K - 1 - 1 ATTACHMENT K-1

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

ONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

ROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

OAD #: 081 LOAD start date: 23 Mar 06 Times (24hrs): Start 1445 End 1553

ndition of screening: Port Good Starboard X Overflow X

umber of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

ragnead deflector? YES X NO ___ Condition of deflector: Good

ype of material dredged: Sand

Weather conditions: Overcast

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

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

<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
2 knot/ 0.25 ft | 4 = 11-16 knot/ 4 ft | 7 = 28-33 knot/14 ft | 10 = 48-55 knot/29 ft
4 knot/ 0.5 ft | (5) 17-21 knot/ 6 ft | 8 = 34-40 knot/18 ft | 11 = 56-63 knot/37 ft

Waves: 0-6 ft Wind (speed & direction): 15-25

R TEMP: 54 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

TER TEMP: Surface 57 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

REEN TYPE X

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

RT SCREEN CONTENTS: Horseshoe Crabs, large Star Gazer Sea Stars

ARBOARD SCREEN CONTENTS: NA

timate number entrained on this load for the following:

Sturgeon (any species) 0
Shark (any species) 0
Horseshoe crab 2
Blue crab 0

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

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

mments: ____

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

bserver's name: Charles Jayroe JT Observer firm ECO INC

bserver signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

ONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

ROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

OAD #: 082 LOAD start date: 23 Mar 06 Times (24hrs): Start 16:20 End 1751

ndition of screening : Port Good Starboard X Overflow X

umber of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

raghead deflector? YES X NO ___ Condition of deflector: Good

ype of material dredged: Sand

Weather conditions: Overcast

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

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

<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
2 - 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
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: 0-6 ft Wind (speed & direction): 20-25

IR TEMP: 54 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ATER TEMP: Surface 57 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

CREEN TYPE

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

ORT SCREEN CONTENTS: Sea stars, Sand Dollars, horseshoe crabs

TARBOARD SCREEN CONTENTS: NA

timate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 4

Blue crab 0

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

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

mments:

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

bserver's name: Charles Jourdant Observer firm ECO INC

bserver signature [signature]

ngered Species Observer Program Forms ~~K-1-1~~ 1C ATTACHMENT K-1

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

ONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

ROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

OAD #: 083 LOAD start date: 23 Mar 06 Times (24hrs): Start 18:32 End 1939

ondition of screening: Port Good Starboard X Overflow X

umber of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

ragnead deflector? YES X NO ___ Condition of deflector: Good

ype of material dredged: Sand

Weather conditions: Rain + Overcast

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

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

<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
2 = 3 knot/ 0.25 ft | 4 = 11-16 knot/ 4 ft | 7 = 28-33 knot/14 ft | 10 = 48-55 knot/29 ft
3 = 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: 1-6 ft Wind (speed & direction): 20-30 N-E

ER TEMP: 54 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ATER TEMP: Surface 57 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

CREEN TYPE X

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

ORT SCREEN CONTENTS: horseshoe crabs, spider crabs, Batter fly Ray,

TARBOARD SCREEN CONTENTS: NA

stimate number entrained on this load for the following:

Sturgeon (any species) 0
Shark (any species) 0
Horseshoe crab 2
Blue crab 0

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

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

omments: ____

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

bserver's name: Charles Jourdant Observer firm ECO INC

bserver signature: Charles Jourdant

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

ONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

ROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

OAD #: 084 LOAD start date: 23 Mar 06 Times (24hrs): Start 2013 End 2055

ndition of screening: Port Good Starboard X Overflow X

umber of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

ragnead deflector? YES X NO ___ Condition of deflector: Good

ype of material dredged: Sand

Weather conditions: Rain & Windy

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

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

<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
2 = 3 knot/ 0.25 ft | 4 = 11-16 knot/ 4 ft | 7 = 28-33 knot/14 ft | 10 = 48-55 knot/29 ft
3 = 6 knot/ 0.5 ft | (5) = 17-21 knot/ 6 ft | 8 = 34-40 knot/18 ft | 11 = 56-63 knot/37 ft

Waves: 2-6 ft Wind (speed & direction): 20-30 NE

IR TEMP: 51 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ATER TEMP: Surface 57 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

REEN TYPE X

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

ORT SCREEN CONTENTS: horse shoe crabs

TARBOARD SCREEN CONTENTS: NA

stimate number entrained on this load for the following:

Sturgeon (any species) 0
Shark (any species) 0
Horseshoe crab 3
Blue crab 0

RTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO ✓

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

mments: ___

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

bserver's name: Charles Jourdrat Observer firm ECO INC

bserver signature ___

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

ONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

ROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

OAD #: 085 LOAD start date: 23 Mar 06 Times (24hrs): Start 22:34 End 2356

ondition of screening : Port Good Starboard X Overflow X

umber of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

ragheard deflector? YES X NO ___ Condition of deflector: Good

ype of material dredged: ____

Weather conditions: Rain & Wind

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

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

<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
1-3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
4-6 knot/ 0.5 ft	(5) = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

aves: 1-6 ft Wind (speed & direction): 20-30 N-NE

IR TEMP: 50 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ATER TEMP: Surface 57 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

REEN TYPE

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

ORT SCREEN CONTENTS: starfish & horseshoe crabs

ARBOARD SCREEN CONTENTS: NA

timate number entrained on this load for the following:

- Sturgeon (any species) Ø
- Shark (any species) Ø
- Horseshoe crab 3
- Blue crab Ø

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

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

mments: NA

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

bserver's name: Melissa Evans Observer firm ECO INC

bserver signature ____

dangered Species Observer Program Forms K - 1 - 1 ATTACHMENT K-1

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work _____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 086 LOAD start date: 24 Mar 06 Times (24hrs): Start 0029 End 0157

Condition of screening: Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: Rain & Wind

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

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

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

Waves: 2-6 ft Wind (speed & direction): 17-21 kt N

AIR TEMP: 51.3 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 59 °C/°F Column (mid-depth) X °C/°F Bottom X °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: horseshoe crabs, sea stars

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø

Shark (any species) Ø

Horseshoe crab 2

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: NA

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

Observer's name: Melissa Graves Observer firm ECO INC

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

ONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

ROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

OAD #: 087 LOAD start date: 24 Mar 06 Times (24hrs): Start 0226 End 0339

ondition of screening : Port good Starboard X Overflow X

umber of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

ype of material dredged: sand

Weather conditions: Rain & Wind

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

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

<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- 3 knot/ 0.25 ft	(4) = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

aves: 1-6 ft Wind (speed & direction): 11-16 kt N

R TEMP: 80.6 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ATER TEMP: Surface 57 °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

CREEN TYPE X

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

ORT SCREEN CONTENTS: horseshoe crab, squid, sea stars, spider crab

TARBOARD SCREEN CONTENTS: NA

timate number entrained on this load for the following:

Sturgeon (any species) 0
Shark (any species) 0
Horseshoe crab 0
Blue crab 0

URTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

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

mments: NA

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

bserver's name: Melissa Evans Observer firm ECO INC

bserver signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

ONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

ROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

AD #: 088 LOAD start date: 24 Mar 06 Times (24hrs): Start 0412 End 0546

ndition of screening : Port good Starboard X Overflow X

mber of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

ype of material dredged: sand

Weather conditions: wind

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

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

<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- 3 knot/ 0.25 ft | 4 = 11-16 knot/ 4 ft | 7 = 28-33 knot/14 ft | 10 = 48-55 knot/29 ft

4- 6 knot/ 0.5 ft | 5 = 17-21 knot/ 6 ft | 8 = 34-40 knot/18 ft | 11 = 56-63 knot/37 ft

aves: 1-6 ft Wind (speed & direction): 11-16 kt NNW

R TEMP: 50.6 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ATER TEMP: Surface 57 °C/°F Column (mid-depth) x °C/°F Bottom X °C/°F

REEN TYPE X

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

RT SCREEN CONTENTS: horseshoe crabs, sea stars, sand dollars, sea cucumber, eels

ARBOARD SCREEN CONTENTS: NA

timate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 2

Blue crab 0

RTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

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

mments: N/A

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

bserver's name: Melissa Evard Observer firm ECO INC

bserver signature Melissa Evard

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

ONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

ROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

OAD #: 089 LOAD start date: 24 Mar 06 Times (24hrs): Start 0627 End 0745

ndition of screening : Port good Starboard X Overflow X

mber of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

ype of material dredged: sand

Weather conditions: overcast

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

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

<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
2 = 3 knot/ 0.25 ft | (4) = 11-16 knot/ 4 ft | 7 = 28-33 knot/14 ft | 10 = 48-55 knot/29 ft
4 = 6 knot/ 0.5 ft | 5 = 17-21 knot/ 6 ft | 8 = 34-40 knot/18 ft | 11 = 56-63 knot/37 ft

aves: 1-5 ft Wind (speed & direction): 11-16 kt N

R TEMP: 80.9 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ATER TEMP: Surface 57 °C/(F) Column (mid-depth) ____ °C/F Bottom ____ °C/F

REEN TYPE X

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

RT SCREEN CONTENTS: jellyfish, catfish, bivalves & gastropods, horseshoe crabs, sea stars

ARBOARD SCREEN CONTENTS: NA

timate number entrained on this load for the following:

Sturgeon (any species) 0
Shark (any species) 0
Horseshoe crab 3
Blue crab 0

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

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

mments: NA

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

bserver's name: Melissa Evans Observer firm ECO INC

bserver signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work _____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

OAD #: 090 LOAD start date: 24 Mar 06 Times (24hrs): Start 0821 End 0928

ndition of screening : Port good Starboard X Overflow X

umber of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

ype of material dredged: sand

Weather conditions: overcast

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

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

<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

2 = 3 knot/ 0.25 ft | (4) = 11-16 knot/ 4 ft | 7 = 28-33 knot/14 ft | 10 = 48-55 knot/29 ft

2+ 6 knot/ 0.5 ft | 5 = 17-21 knot/ 6 ft | 8 = 34-40 knot/18 ft | 11 = 56-63 knot/37 ft

aves: 1-6 ft Wind (speed & direction): 11-16 kt N

IR TEMP: 49.0 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ATER TEMP: Surface 57 °C/°F Column (mid-depth) X °C/°F Bottom X °C/°F

CREEN TYPE X

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

ORT SCREEN CONTENTS: Sand dollars, sea stars, horseshoe crabs

TARBOARD SCREEN CONTENTS: NA

stimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 4

Blue crab 0

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

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

omments: NA

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

Observer's name: Melissa Evans Observer firm ECO INC

Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

ONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

ROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

AD #: 091 LOAD start date: 24 Mar 06 Times (24hrs): Start 0959 End 1120

ndition of screening : Port good Starboard X Overflow X

mber of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

pe of material dredged: sand

eather conditions: overcast

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

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

<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

2 knot/ 0.25 ft | 4 = 11-16 knot/ 4 ft | 7 = 28-33 knot/14 ft | 10 = 48-55 knot/29 ft

6 knot/ 0.5 ft | 5 = 17-21 knot/ 6 ft | 8 = 34-40 knot/18 ft | 11 = 56-63 knot/37 ft

ves: 1-5 ft Wind (speed & direction): 11-16 kt NW

TEMP: 53.5 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ER TEMP: Surface 57 °C/°F Column (mid-depth) ___ °C/°F Bottom ___ °C/°F

REEN TYPE X Inflow screening: None 25% 50% 75% 100%

___ Overflow screening: None 25% 50% 75% 100%

___ Other screening: None 25% 50% 75% 100%

T SCREEN CONTENTS: horseshoe crab, sea stars

ARBOARD SCREEN CONTENTS: NA

timate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 1

Blue crab 0

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

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

mments: NA

mber observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

server's name: Melissa Evans Observer firm ECO INC

server signature

gered Species Observer Program Forms K - 1 - 1 ATTACHMENT K-1

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

ONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

ROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

AD #: 092 LOAD start date: 24 Mar 06 Times (24hrs): Start 1145 End 1331

ndition of screening : Port good Starboard X Overflow X

mber of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

ype of material dredged: sand

eather conditions: overcast

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

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

<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

3 knot/ 0.25 ft 4 = 11-16 knot/ 4 ft 7 = 28-33 knot/14 ft 10 = 48-55 knot/29 ft

6 knot/ 0.5 ft 5 = 17-21 knot/ 6 ft 8 = 34-40 knot/18 ft 11 = 56-63 knot/37 ft

ves: 1-5 ft Wind (speed & direction): 7-10 kt NW

TEMP: 59.4 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ER TEMP: Surface 57 °C/°F Column (mid-depth) ✓ °C/°F Bottom X °C/°F

REEN TYPE X

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

RT SCREEN CONTENTS: horseshoe crab, sea sponges, sea star

ARBOARD SCREEN CONTENTS: NA

timate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 4

Blue crab 0

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

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

mments: ____

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

bserver's name: Charles Jourdast Observer firm ECO INC

bserver signature: Charles Jourdast

ngered Species Observer Program Forms K - T - 1 ATTACHMENT K-1

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

ONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

ROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

OAD #: 093 LOAD start date: 24 Mar 06 Times (24hrs): Start 1403 End 1543

ndition of screening : Port Good Starboard X Overflow X

umber of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

raghead deflector? YES X NO ___ Condition of deflector: Good

ype of material dredged: Sand

eather conditions: Overcast

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

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

<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
2- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

aves: 0-6 ft Wind (speed & direction): 15-20

IR TEMP: 56.7 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ATER TEMP: Surface 57 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

CREEN TYPE

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

ORT SCREEN CONTENTS: horseshoe crab sea stars

ARBOARD SCREEN CONTENTS: NA

timate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 3

Blue crab 0

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

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

mments:

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

bserver's name: Charles Jouidant Observer firm ECO INC

bserver signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

ONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

ROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

AD #: 094 LOAD start date: 24 Mar 06 Times (24hrs): Start 1619 End ____

ndition of screening : Port Good Starboard X Overflow X

umber of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

aghead deflector? YES X NO ____ Condition of deflector: Good

ype of material dredged: Sand

eather conditions: Overcast

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

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

<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- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

aves: 0-6 ft Wind (speed & direction): 15-20

R TEMP: 57 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

TER TEMP: Surface 57 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

REEN TYPE

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

RT SCREEN CONTENTS: horseshoe crab sea stars

ARBOARD SCREEN CONTENTS: NA

timate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 1

Blue crab 0

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

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

mments: ____

mber observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

server's name: Charles Jourdan Observer firm ECO INC

server signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

ONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

ROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

AD #: 095 LOAD start date: 24M.06 Times (24hrs): Start 1837 End 1949

ndition of screening : Port Good Starboard X Overflow X

mber of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

ghead deflector? YES X NO ___ Condition of deflector: Good

pe of material dredged: Sand

eather conditions: Overcast

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

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

<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

1-3 knot/ 0.25 ft | 4 = 11-16 knot/ 4 ft | 7 = 28-33 knot/14 ft | 10 = 48-55 knot/29 ft

4-6 knot/ 0.5 ft | (5) = 17-21 knot/ 6 ft | 8 = 34-40 knot/18 ft | 11 = 56-63 knot/37 ft

ves: 0-6 ft Wind (speed & direction): 15-20

R TEMP: 60 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

TER TEMP: Surface 57 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

REEN TYPE X

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

RT SCREEN CONTENTS: horseshoe crab sea star

ARBOARD SCREEN CONTENTS: NA

timate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 2

Blue crab 0

TLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO ✓

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

mments: ___

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

server's name: Charles Townsend Observer firm ECO INC

server signature ___

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

ONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

ROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

OAD #: 096 LOAD start date: 24 Mar 06 Times (24hrs): Start 2026 End 2174

ndition of screening : Port Good Starboard X Overflow X

umber of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

raghead deflector? YES X NO ___ Condition of deflector: Good

ype of material dredged: Sand

eather conditions: Overcast

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

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

<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- 3 knot/ 0.25 ft | 4 = 11-16 knot/ 4 ft | 7 = 28-33 knot/14 ft | 10 = 48-55 knot/29 ft

4- 6 knot/ 0.5 ft | (5) 17-21 knot/ 6 ft | 8 = 34-40 knot/18 ft | 11 = 56-63 knot/37 ft

aves: 0-6 ft Wind (speed & direction): 15-20

R TEMP: 57 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ATER TEMP: Surface 57 °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

REEN TYPE X

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

ORT SCREEN CONTENTS: horseshoe crab, spider crab, sea star

ARBOARD SCREEN CONTENTS: NA

timate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 4

Blue crab 0

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

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

mments: ____

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

bserver's name: Charles Jourdan Observer firm ECO INC

bserver signature ____

ngered Species Observer Program Forms K-1-1 ATTACHMENT K-1

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

ONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

ROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

OAD #: 097 LOAD start date: 24 Mar 06 Times (24hrs): Start 2212 End 2331

ndition of screening : Port Good Starboard X Overflow X

mber of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

aghead deflector? YES X NO ___ Condition of deflector: Good

ype of material dredged: Sand

eather conditions: Overcast

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

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

<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
2 = 1-3 knot/ 0.25 ft | 4 = 11-16 knot/ 4 ft | 7 = 28-33 knot/14 ft | 10 = 48-55 knot/29 ft
3 = 4-6 knot/ 0.5 ft | (5) 17-21 knot/ 6 ft | 8 = 34-40 knot/18 ft | 11 = 56-63 knot/37 ft

aves: 0-6 ft Wind (speed & direction): 15-20

R TEMP: 53 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ATER TEMP: Surface 57 °C/°F Column (mid-depth) ___ °C/°F Bottom ___ °C/°F

REEN TYPE X

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

RT SCREEN CONTENTS: horseshoe crab, sea stars

ARBOARD SCREEN CONTENTS: NA

timate number entrained on this load for the following:

Sturgeon (any species) 0
Shark (any species) 0
Horseshoe crab 4
Blue crab 0

RTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO C

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

mments:

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

server's name: Charles Fourdont Observer firm ECO INC

server signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

ONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

ROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

AD #: 098 LOAD start date: 24 Mar 06 Times (24hrs): Start 2357 End 0125

ndition of screening : Port Good Starboard X Overflow X

mber of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

ghead deflector? YES X NO ___ Condition of deflector: Good

pe of material dredged: Sand

ather conditions: Fair

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

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

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

ves: 0-6 ft Wind (speed & direction): 20-25

TEMP: 52 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ER TEMP: Surface 57 °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

EEN TYPE X

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

RT SCREEN CONTENTS: horseshoe crabs, sea stars, 1 small ray

RBOARD SCREEN CONTENTS: NA

imate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	8
Blue crab	0

TLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

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

mments: NA

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

server's name: Melissa Evans Observer firm ECO INC

server signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 099 LOAD start date: 25 Mar 06 Times (24hrs): Start 0156 End 0332

Condition of screening: Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: sand

Weather conditions: fair

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

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

<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- 3 knot/ 0.25 ft | 4 = 11-16 knot/ 4 ft | 7 = 28-33 knot/14 ft | 10 = 48-55 knot/29 ft
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: 0-6 ft Wind (speed & direction): 17-21 kt SW

AIR TEMP: 495 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C/°F Column (mid-depth) X °C/°F Bottom X °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: sea stars & horseshoe crabs

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0
Shark (any species) 0
Horseshoe crab 12
Blue crab 0

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

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

Comments: NA

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

Observer's name: Melissa Evans Observer firm ECO INC

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 100 LOAD start date: ~~30~~ 25 Mar 06 Times (24hrs): Start 0357 End 0522

Condition of screening : Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: sand

Weather conditions: windy

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

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

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

Waves: 1-6 ft Wind (speed & direction): 22-27 Kt W

AIR TEMP: 47.7 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C/°F Column (mid-depth) X °C/°F Bottom X °C/°F

SCREEN TYPE X

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

PORT SCREEN CONTENTS: horseshoe crabs

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 3

Blue crab 0

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

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

Comments: NA

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

Observer's name: Melissa Evans Observer firm ECO INC

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District
CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06
PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA
DREDGE FIRM: B+B

LOAD #: 101 LOAD start date 25 Mar 06 Times (24hrs): Start 0545 End 0716

Condition of screening : Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.
Draghead deflector? YES X NO ___ Condition of deflector: good

Type of material dredged: Sand

Weather conditions: fair / windy

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

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

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

Waves: 1-6 ft Wind (speed & direction): 17-21 kt NW

AIR TEMP: 45.5 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 57 °C/°F Column (mid-depth) ___ °C/°F Bottom ___ °C/°F

SCREEN TYPE X

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

PORT SCREEN CONTENTS: horseshoe Crabs, eels, sea stars, sand dollars

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:
Sturgeon (any species) 0
Shark (any species) 0
Horseshoe crab 3
Blue crab 0

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

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

Comments: NA

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

Observer's name: Melissa Evans Observer firm ECO INC
Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District
CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06
PROJECT NAME: Brunswick & Savannah Harbor 25 DREDGE NAME: ATCHAFALAYA
DREDGE FIRM: B+B

LOAD #: 107 LOAD start date: 29 Mar 06 Times (24hrs): Start 0735 End 0900

Condition of screening : Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.
Draghead deflector? YES X NO ____ Condition of deflector: good

Type of material dredged: sand

Weather conditions: fair / windy / 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: 0-5 ft Wind (speed & direction): 17-21 kt NW

AIR TEMP: ____ °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 57 °C/°F Column (mid-depth) X °C/°F Bottom X °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: horseshoe crabs, sea stars, hermit crab, squid, sand dollars

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	4
Blue crab	0

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

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

Comments: NA

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

Observer's name: Melissa Evans Observer firm ECO INC
Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 103 LOAD start date: ~~29~~ 25 Mar 06 Times (24hrs): Start 0923 End 1047

Condition of screening : Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: fair & clear

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

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

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

Waves: 0-3 ft Wind (speed & direction): 11-16 kt NW

AIR TEMP: 51.8 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C/F Column (mid-depth) X °C/F Bottom X °C/F

SCREEN TYPE X

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

PORT SCREEN CONTENTS: horseshoe crabs, sea stars

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

- Sturgeon (any species) Ø
- Shark (any species) Ø
- Horseshoe crab 3
- 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: NA

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

Observer's name: Melissa Evans

Observer signature ____

Observer firm ECO INC

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District
CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06
PROJECT NAME: Brunswick & Savannah Harbor 25 DREDGE NAME: ATCHAFALAYA
DREDGE FIRM: B+B

LOAD #: 104 LOAD start date: ~~30~~ Mar 06 Times (24hrs): Start 1111 End 1248

Condition of screening : Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.
Draghead deflector? YES X NO ___ Condition of deflector: good

Type of material dredged: Sand

Weather conditions: fair clear

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

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

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

Waves: 0-5 ft Wind (speed & direction): 11-16 kt WNW

AIR TEMP: 53.1 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 57 °C/°F Column (mid-depth) X °C/°F Bottom X °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: horseshoe crab, Ray

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	2
Blue crab	0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ 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: Charles Jourdan T Observer firm ECO INC
Observer signature ___

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District
CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06
PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA
DREDGE FIRM: B+B

LOAD #: 105 LOAD start date: 25 Mar 06 Times (24hrs): Start 1324 End 1502

Condition of screening : Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.
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 (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: 1-4 ft Wind (speed & direction): 15-20

AIR TEMP: 58 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 57 °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: horseshoe crabs, sea stars

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	2
Blue crab	0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ 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: Charles Jordan Observer firm ECO INC
Observer signature: Charles Jordan

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District
CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06
PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA
DREDGE FIRM: B+B

LOAD #: 106 LOAD start date: 25 Mar 06 Times (24hrs): Start 1528 End 1708

Condition of screening: Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.
Draghead deflector? YES X NO ___ Condition of deflector: Good

Type of material dredged: Sand

Weather conditions: Fair & clear

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

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

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

Waves: 0-4 ft Wind (speed & direction): 15-20

AIR TEMP: 62 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 57 °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

SCREEN TYPE X

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

PORT SCREEN CONTENTS: horseshoe crab, sea stars

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	1
Blue crab	0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ 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: Charles Jourdant Observer firm ECO INC
Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District
CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06
PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA
DREDGE FIRM: B+B

LOAD #: 107 LOAD start date: 23 Mar 06 Times (24hrs): Start 1729 End 1851

Condition of screening : Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.
Draghead deflector? YES X NO ___ Condition of deflector: Good

Type of material dredged: Sand

Weather conditions: Fair & 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: 0-4 ft Wind (speed & direction): 15-20

AIR TEMP: 59 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 57 °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: horseshoe crab, sea stars

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	1
Blue crab	0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ 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: Charles Jourdant Observer firm ECO INC
Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 108 LOAD start date: 25 Mar 06 Times (24hrs): Start 1914 End 2045

Condition of screening : Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: Fair & 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: 0-4 ft Wind (speed & direction): 15-20

AIR TEMP: 58 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °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: horseshoe crab, sea star

STARBOARD SCREEN CONTENTS: ____

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 2

Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ 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: Charles Jourdant Observer firm ECO INC

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 109 LOAD start date: 25Mar06 Times (24hrs): Start 2107 End 2240

Condition of screening : Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: ____

Weather conditions: Fair & clear

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

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

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

Waves: 0-4 ft Wind (speed & direction): 20-25

AIR TEMP: 56.7 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °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: horseshoe crab

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0
Shark (any species) 0
Horseshoe crab 5
Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ 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: Charles Jourdan Observer firm ECO INC

Observer signature: Charles Jourdan

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 110 LOAD start date: 25 Mar 06 Times (24hrs): Start 2301 End 0038

Condition of screening : Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: sand

Weather conditions: Fair & 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: 0-4 ft Wind (speed & direction): 15-25

AIR TEMP: 53 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °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: ____

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 2

Blue crab 0

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

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

Comments: NA

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

Observer's name: Melissa Evans Observer firm ECO INC

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 111 LOAD start date: 26 Mar 06 Times (24hrs): Start 0109 End 0237

Condition of screening : Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: fair & 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: 0-4 ft Wind (speed & direction): 17-21 kt WNW

AIR TEMP: 49.9 °C/(°F)

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °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: horseshoe crabs, seastars

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 6

Blue crab 0

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

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

Comments: NA

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

Observer's name: Melissa Evans Observer firm ECO INC

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 112 LOAD start date: 29 Mar 06 Times (24hrs): Start 0306 End 0606

Condition of screening : Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: fair & 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: 0-4 ft Wind (speed & direction): 22-27 kt NW

AIR TEMP: 80.1 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C/°F Column (mid-depth) X °C/°F Bottom X °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: horseshoe crabs, sea stars

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 3

Blue crab 0

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

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

Comments: NA

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

Observer's name: Melissa Evans Observer firm ECO INC

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 113 LOAD start date: 26 Mar 06 Times (24hrs): Start 634 End 758

Condition of screening : Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: fair & 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: 1-4 ft Wind (speed & direction): 17-21 kt N

AIR TEMP: 50.6 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C/°F Column (mid-depth) X °C/°F Bottom X °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: horseshoe crabs, sea stars

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 2

Blue crab 0

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

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

Comments: NA

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

Observer's name: Melissa Evans Observer firm ECO INC

Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 114 LOAD start date: 26 Mar 06 Times (24hrs): Start 0935 End 935

Condition of screening : Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: fair & 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: 1-6 ft Wind (speed & direction): 11-16 KT N

AIR TEMP: 48.4 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C/°F Column (mid-depth) 4 °C/°F Bottom X °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: horseshoe crabs, sea stars, jellyfish

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 4

Blue crab 0

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

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

Comments: N/A

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

Observer's name: Melissa Evans Observer firm ECO INC

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 115 LOAD start date: 26 Mar 06 Times (24hrs): Start 959 End 1131

Condition of screening : Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: fair & 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: 1-6 ft Wind (speed & direction): 11-16 kt NNE

AIR TEMP: 53.1 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C/°F Column (mid-depth) X °C/°F Bottom X °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: horseshoe crabs sea stars

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: NA

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

Observer's name: Melissa Evans Observer firm ECO INC

Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 116 LOAD start date: 26 Mar 06 Times (24hrs): Start 1158 End 1338

Condition of screening : Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: fair & 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: 1-5 ft Wind (speed & direction): 7-10 kt N

AIR TEMP: 59.9 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C/°F Column (mid-depth) X °C/°F Bottom X °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: horseshoe crab

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	6
Horseshoe crab	2
Blue crab	20

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ 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: Charles Jernigan Observer firm ECO INC

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 117 LOAD start date: 26Mar06 Times (24hrs): Start 1411 End 1544

Condition of screening : Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: Fair & 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: 0-4 ft Wind (speed & direction): 10-20

AIR TEMP: 62 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °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: Sea stars

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 0

Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ 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: Charles Jourdan Observer firm ECO INC

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 119 LOAD start date: 26Mar06 Times (24hrs): Start 1758 End ____

Condition of screening : Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: Fair & 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: 0-4 ft Wind (speed & direction): 15-20 S

AIR TEMP: 62 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °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: Spider Crab sea stars, Sea sponge

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 0

Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ 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: Charles Jourdant Observer firm ECO INC

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 120 LOAD start date: 26 Mar 06 Times (24hrs): Start 1946 End 2131

Condition of screening : Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: Fair & 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: 0-4 ft Wind (speed & direction): 15-20

AIR TEMP: 54 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °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: Jelly Fish, sea stars, horseshoe crab

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	2
Blue crab	0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ 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: Charles Jourdan Observer firm ECO INC

Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 121 LOAD start date: 26 Mar 06 Times (24hrs): Start 22:01 End 2354

Condition of screening : Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: _____

Weather conditions: Fair & 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: 0-4 ft Wind (speed & direction): 15-20

AIR TEMP: 55 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °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: Sea star, Jelly Fish, horseshoe crab

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 1

Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ 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: Charles Jouclart Observer firm ECO INC

Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 122 LOAD start date: 27 Mar 06 Times (24hrs): Start ____ End ____

Condition of screening : Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: sand

Weather conditions: fair & 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: 0-4 ft Wind (speed & direction): 7-10 kt NW

AIR TEMP: 55.6 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C/°F Column (mid-depth) X °C/°F Bottom X °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: horseshoe crabs, sea stars, jellyfish eels, sand dollars

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	2
Blue crab	0

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

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

Comments: NA

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

Observer's name: Melissa Evans Observer firm ECO INC

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 123 LOAD start date: 27 Mar 06 Times (24hrs): Start 0230 End 0408

Condition of screening : Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: fair & 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: 0-4 ft Wind (speed & direction): 7-10 kt N

AIR TEMP: 54.7 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °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: left front flipper of kemp's ridley found in bag, and pieces of plastron and carapace found in forward and rear landers

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 2

Blue crab 0

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

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

Comments: Please see attached incident forms.

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

Observer's name: Melissa Evans Observer firm ECO INC

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 24 LOAD start date: 27 Mar 06 Times (24hrs): Start 0439 End 0553

Condition of screening : Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

Draghead deflector? YES X NO ___ Condition of deflector: few broken bnks, notified capt

Type of material dredged: Sand

Weather conditions: fair & 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: 0-4 ft Wind (speed & direction): 11-16 kt N

AIR TEMP: 82.0 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 87 °C/°F Column (mid-depth) X °C/°F Bottom X °C/°F

SCREEN TYPE X

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

PORT SCREEN CONTENTS: horseshoe crabs, sea stars

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 3

Blue crab 0

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

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

Comments: NA

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

Observer's name: Melissa Evans Observer firm ECO INC

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 125 LOAD start date: 27 Mar 06 Times (24hrs): Start 0634 End 0719

Condition of screening : Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: fair & 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: 1-6 ft Wind (speed & direction): 17-21 kt

AIR TEMP: 53.5 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C/F Column (mid-depth) X °C/F Bottom X °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: Right rear flipper found in rear lander, horseshoe crabs

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 2

Blue crab 0

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

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

Comments: rear flipper found in rear lander

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

Observer's name: Melissa Evans Observer firm ECO INC

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 126 LOAD start date: 28 Mar 06 Times (24hrs): Start 2331 End 0100

Condition of screening: Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: Fair

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

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

0 = <1 knot/ 0 ft (1) 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: 0-3 ft Wind (speed & direction): 10-20

AIR TEMP: 62 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C/°F Column (mid-depth) ___ °C/°F Bottom ___ °C/°F

SCREEN TYPE X

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

PORT SCREEN CONTENTS: jellyfish, sea stars, horseshoe crabs

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 0

Blue crab 0

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

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

Comments: NA

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

Observer's name: Melissa Evans Observer firm ECO INC

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 127 LOAD start date 29 Mar 06 Times (24hrs): Start 0129 End 0256

Condition of screening: Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: sand

Weather conditions: fair

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: 0-4 ft Wind (speed & direction): 17-21kt W

AIR TEMP: 60.1 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C/°F Column (mid-depth) X °C/°F Bottom X °C/°F

SCREEN TYPE X

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

PORT SCREEN CONTENTS: horseshoe crabs, jellyfish, spider crabs, 1 ray. sea stars

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø

Shark (any species) Ø

Horseshoe crab 4

Blue crab Ø

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

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

Comments: NA

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

Observer's name: Melissa Evans Observer firm ECO INC

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 128 LOAD start date: 29 Mar 06 Times (24hrs): Start 0320 End 0449

Condition of screening: Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: sand

Weather conditions: fair

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: 0-4 ft Wind (speed & direction): 11-16 W

AIR TEMP: 60.1 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C/°F Column (mid-depth) X °C/°F Bottom X °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: sea stars, horseshoe crabs, jellyfish

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 5

Blue crab 0

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

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

Comments: NA

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

Observer's name: Melissa Evans Observer firm ECO INC

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 129 LOAD start date: 29 Mar 06 Times (24hrs): Start 0515 End 0651

Condition of screening: Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: fair

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: ____ ft Wind (speed & direction): 11-16 kt SW

AIR TEMP: 59.6 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C/°F Column (mid-depth) X °C/°F Bottom X °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: horseshoe crabs, sea sponge, sea stars

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 3

Blue crab 0

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

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

Comments: NA

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

Observer's name: Melissa Evans Observer firm ECO INC

Observer signature MLE

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 130 LOAD start date: 29 Mar 06 Times (24hrs): Start 0717 End 0837

Condition of screening: Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: fair

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: 0-4 ft Wind (speed & direction): 11-16 kt S

AIR TEMP: 61.0 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C/°F Column (mid-depth) X °C/°F Bottom X °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 horseshoe crab, sea stars

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 1

Blue crab 0

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

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

Comments: NA

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

Observer's name: Melissa Evans Observer firm ECO INC

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 131 LOAD start date: 29 Mar 06 Times (24hrs): Start 0909 End 1025

Condition of screening: Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: Overcast

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

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

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

Waves: 0-4 ft Wind (speed & direction): 11-16 KT S

AIR TEMP: 61.4 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C (F) Column (mid-depth) X °C / F Bottom X °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: Sea Stars, Spider crabs

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø

Shark (any species) Ø

Horseshoe crab Ø

Blue crab Ø

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

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

Comments: NA

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

Observer's name: Melissa Evans Observer firm ECO INC

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 132 LOAD start date: 29 Mar 06 Times (24hrs): Start 1101 End 1231

Condition of screening: Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: sand

Weather conditions: overcast

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: 0-3 ft Wind (speed & direction): 7-10 kt SW

AIR TEMP: 68.0 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C/°F Column (mid-depth) X °C/°F Bottom X °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: horseshoe crab, sea star, spider crab

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 3

Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ 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: [illegible]

Observer signature [illegible]

Observer firm ECO INC

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 133 LOAD start date: 29 Mar 06 Times (24hrs): Start 1305 End 1434

Condition of screening: Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: Overcast

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

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

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

Waves: 0-3 ft Wind (speed & direction): 0-10

AIR TEMP: 69 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °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: Horseshoe Crab, 2 Spider crabs, sea star

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	2
Blue crab	20

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ 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: Charles Joyce Observer firm ECO INC

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 134 LOAD start date: 29 Mar 06 Times (24hrs): Start 1501 End 1845

Condition of screening: Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: Overcast

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: 0-3 ft Wind (speed & direction): 5-10

AIR TEMP: 69 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °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: horseshoe crab, spider crab, sea stars

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	1
Blue crab	0

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

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

Comments: Had to stop digging to let the Fishing Boat Fix his Nets

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

Observer's name: Charles Touchet Observer firm ECO INC

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 135 LOAD start date: 29 Mar 06 Times (24hrs): Start 19:11 End 2034

Condition of screening: Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: Overcast

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

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

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

Waves: 0-3 ft Wind (speed & direction): S-15

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

WATER TEMP: Surface 57 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

SCREEN TYPE X

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

PORT SCREEN CONTENTS: horseshoe crab, sea star,

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

- Sturgeon (any species) 0
- Shark (any species) 0
- Horseshoe crab 3
- Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ 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: Charles Jourdant Observer firm ECO INC

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 136 LOAD start date: 29 Mar 06 Times (24hrs): Start 21:00 End 3213

Condition of screening: Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: Fair

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: 0-3 ft Wind (speed & direction): 10-15

AIR TEMP: 62 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C/°F Column (mid-depth) ___ °C/°F Bottom ___ °C/°F

SCREEN TYPE X

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

PORT SCREEN CONTENTS: horseshoe crab, sea star

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 2

Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ 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: Charles Jourdan Observer firm ECO INC

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 137 LOAD start date: 27 Mar 06 Times (24hrs): Start 2337 End 0008

Condition of screening: Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: ____

Weather conditions: Overcast

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: 0-3 ft Wind (speed & direction): 10-15

AIR TEMP: 62 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °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: horseshoe crabs, jellyfish, 1 ray

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	2
Blue crab	0

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

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

Comments: NA

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

Observer's name: Melissa Evans Observer firm ECO INC

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 138 LOAD start date: 30 Mar 06 Times (24hrs): Start 0034 End 0407

Condition of screening: Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: fair

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: 0-3 ft Wind (speed & direction): 7-10 kt ENE

AIR TEMP: 23.0 °C / F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C / F Column (mid-depth) X °C / F Bottom X °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: flounder, jellyfish, horseshoe crabs, sea stars

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 2

Blue crab 0

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

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

Comments: NA

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

Observer's name: Melissa Evans Observer firm ECO INC

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: AT CHAFALAYA

DREDGE FIRM: B+B

LOAD #: 139 LOAD start date: 30 Mar 06 Times (24hrs): Start 0237 End 0407

Condition of screening: Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: fair

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: 0-3 ft Wind (speed & direction): 7-10 kt NE

AIR TEMP: 61.4 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C/(°F) Column (mid-depth) X °C/°F Bottom X °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: horseshoe crabs, jellyfish, sea cucumber

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 3

Blue crab 0

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

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

Comments: NA

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

Observer's name: Melissa Evans Observer firm ECO INC

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 140 LOAD start date: 30 Mar 06 Times (24hrs): Start 0435 End 0609

Condition of screening: Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: fair

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: 0-3 ft Wind (speed & direction): 4-6 kt E

AIR TEMP: 61.6 °C (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C / (F) Column (mid-depth) X °C / F Bottom 7 °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: horseshoe crab, spider crabs, sand dollars, sea stars

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	4
Blue crab	0

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

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

Comments: NA

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

Observer's name: Melissa Evans Observer firm ECO INC

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: ~~M~~ 141 LOAD start date: 30 Mar 06 Times (24hrs): Start 0630 End 0757

Condition of screening : Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: sand

Weather conditions: fair

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: 0-3 ft Wind (speed & direction): 7-10 kt SE

AIR TEMP: 61.9 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C/F Column (mid-depth) X °C/F Bottom X °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: horseshoe crabs, sea stars, sand dollars

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 2

Blue crab 0

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

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

Comments: NA

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

Observer's name: Melissa Evans Observer firm ECO INC

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 142 LOAD start date: 30 Mar 06 Times (24hrs): Start 0811 End 0928

Condition of screening: Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: Overcast

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: ____ ft Wind (speed & direction): 7-10 ft N

AIR TEMP: 62.1 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C/°F Column (mid-depth) 7 °C/°F Bottom X °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: horseshoe crab, Flounder, Sea star,

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 2

Blue crab 0

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

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

Comments: NA

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

Observer's name: Charles Jourdant Observer firm ECO INC

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 143 LOAD start date: 30 Mar 06 Times (24hrs): Start 1005 End ____

Condition of screening: Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: Overcast

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): 15-20

AIR TEMP: 65.5 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °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: horseshoe crab, sea stars

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø

Shark (any species) Ø

Horseshoe crab 2

Blue crab Ø

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

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

Comments: n/a

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

Observer's name: Danielle Keppan Observer firm ECO INC

Observer signature: Danielle Keppan

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 144 LOAD start date: 30 Mar 06 Times (24hrs): Start 1456 End 1326

Condition of screening: Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: Overcast

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): 15-20

AIR TEMP: 63 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °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: Sea stars, Sand Dollars,

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	0
Blue crab	0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ 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: Charles Sergeant Observer firm ECO INC

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 145 LOAD start date: 30 M.-06 Times (24hrs): Start 1355 End 1536

Condition of screening: Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: _____

Weather conditions: Overcast

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): 15-20

AIR TEMP: 63.7 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °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: horseshoe crab, sea star

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	2
Blue crab	0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ 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: Charles Jourdan Observer firm ECO INC

Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 146 LOAD start date: 30 Mar 06 Times (24hrs): Start 1612 End 1752

Condition of screening: Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: Overcast

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): 15-20

AIR TEMP: 66 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °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: horseshoe crab, sea star, sand Dollar Jelly Fish, Burr Fish

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	2
Blue crab	0

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

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: Charles Jaycox Observer firm ECO INC

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 147 LOAD start date: 30 Mar 06 Times (24hrs): Start 1819 End 1943

Condition of screening: Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: Overcast

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

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

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

Waves: 1-2 ft Wind (speed & direction): 10-15 E

AIR TEMP: 65 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °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: Jelly Fish, Sea star, horseshoe crab

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 1

Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ 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: Charles Jourdeat Observer firm ECO INC

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 148 LOAD start date: 30 Mar 06 Times (24hrs): Start 20:09 End 21:18

Condition of screening: Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: Overcast

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

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

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

Waves: 1-2 ft Wind (speed & direction): 10-20

AIR TEMP: 62 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °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: Spider Crab, Sea star, Sand Dollar

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	8
Blue crab	8

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ 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: Charles Jourdant Observer firm ECO INC

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 149 LOAD start date: 30 Mar 06 Times (24hrs): Start 2212 End 2323

Condition of screening: Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: Sand

Weather conditions: Overcast

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

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

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

Waves: 1-3 ft Wind (speed & direction): 10-20

AIR TEMP: 61 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °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: Sea stars, Sand Dollars

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 0

Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ 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: [signature] Observer firm ECO INC

Observer signature Charles Bouchard

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 150 LOAD start date: 30 Mar 06 Times (24hrs): Start 2350 End 0130

Condition of screening: Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: sand

Weather conditions: Fair

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

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

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

Waves: 1-2 ft Wind (speed & direction): 10-20

AIR TEMP: 62 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °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: sea stars, horseshoecrab, spidercrab

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 2

Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ 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: Danielle Kleppan Observer firm ECO INC

Observer signature Danielle Kleppan

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 151 LOAD start date: 31 Mar 06 Times (24hrs): Start 157 End 321

Condition of screening: Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: sand

Weather conditions: fair

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

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

<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- 3 knot/ 0.25 ft 4 = 11-16 knot/ 4 ft 7 = 28-33 knot/14 ft 10 = 48-55 knot/29 ft

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): 10-15 SE

AIR TEMP: 60.8 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57° °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: horseshoe crab, sea stars, jelly fish

STARBOARD SCREEN CONTENTS: NA

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 ✓

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: Danielle Klepper Observer firm ECO INC

Observer signature: Danielle Klepper

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance X /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: ATCHAFALAYA

DREDGE FIRM: B+B

LOAD #: 152 LOAD start date: 31 Mar 06 Times (24hrs): Start 409 End 5:29

Condition of screening: Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft.

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

Type of material dredged: sand

Weather conditions: fair

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- 3 knot/ 0.25 ft 4 = 11-16 knot/ 4 ft 7 = 28-33 knot/14 ft 10 = 48-55 knot/29 ft

2- 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): 10-12

AIR TEMP: 61.4 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °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: 7 horseshoe crab, sanddollar, seastar, 1 flander

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 7

Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ 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: Danielle Keppar Observer firm ECO INC

Observer signature Danielle Keppar

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0011 Maintenance X /New Work ____ PROJECT start date 10Mar06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

LOAD #: 153 LOAD start date: 3/Mar06 Times (24hrs): Start 0553 End 0712

Condition of screening : Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6ft

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

Type of material dredged: Sand and mud

Weather conditions: fair - partly cloudy

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): 5-10

AIR TEMP: 62.1° °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57° °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: sea stars, horseshoe crab, mud crab

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species)	Ø
Shark (any species)	Ø
Horseshoe crab	3
Blue crab	Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ 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: Danielle Keppan Observer firm ECO Inc.

Observer signature Danielle Keppan

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0011 Maintenance X /New Work ____ PROJECT start date 10Mar06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

LOAD #: 154 LOAD start date: 31Mar06 Times (24hrs): Start 0738 End 0856

Condition of screening : Port good Starboard X Overflow ____

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6ft

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

Type of material dredged: Sand

Weather conditions: partly sunny

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: .5-1 ft Wind (speed & direction): 8-12

AIR TEMP: 66.4 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57° °C (F) Column (mid-depth) — °C/F Bottom — °C/F

SCREEN TYPE X

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

PORT SCREEN CONTENTS: sea stars, sand dollar

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 0

Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ 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: Danielle Kuppan Observer firm ECO Inc.

Observer signature Danielle Kuppan

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0011 Maintenance X /New Work ____ PROJECT start date 10Mar06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

LOAD #: 155 LOAD start date: 31Mar06 Times (24hrs): Start 0929 End 1044

Condition of screening: Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6ft

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

Type of material dredged: sand, silt

Weather conditions: sunny

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): 10-15

AIR TEMP: 71.5 °C/(F) °F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °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: horseshoe crab, sand dollar, jelly fish, sea stars

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	1
Blue crab	6

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ 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: Danielle Klepzan Observer firm ECO Inc.

Observer signature: Danielle Klepzan

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0011 Maintenance X /New Work ____ PROJECT start date 10Mar06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

LOAD #: 156 LOAD start date: 31 Mar 06 Times (24hrs): Start 1109 End 1233

Condition of screening: Port good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6ft

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

Type of material dredged: sand / silt

Weather conditions: overcast

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: .5-1 ft Wind (speed & direction): 10-15

AIR TEMP: 67.7 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57.0 °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: Southern Ray, still Alive so I Put it overboard, horseshoe crab, Jelly Fish, sea star

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	1
Blue crab	0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ 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: Charles Jourdet Observer firm ECO Inc.

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0011 Maintenance X /New Work _____ PROJECT start date 10Mar06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

LOAD #: 157 LOAD start date: 31Mar06 Times (24hrs): Start 1302 End 1428

Condition of screening: Port Good Starboard X Overflow _____

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6ft

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

Type of material dredged: Sand

Weather conditions: Fair

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

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

0 = <1 knot/ 0 ft	(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): 10-20

AIR TEMP: 71.8 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57.0 °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: Sea stars, 1 horseshoe crab, 2 Calico crabs, Sand Dollars, tube worms

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	1
Blue crab	0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES _____ 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: Charles Jeralert Observer firm ECO Inc.

Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0011 Maintenance X /New Work ____ PROJECT start date 10Mar06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

LOAD #: 158 LOAD start date: 31Mar06 Times (24hrs): Start 1454 End 1629

Condition of screening: Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6ft

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

Type of material dredged: Sand

Weather conditions: Fair

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

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

0 = <1 knot/ 0 ft	(0) = 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): 10-20

AIR TEMP: 73 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °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: Southern Ray, Sea Star, Sand Dollar, horseshoe crab.

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	2
Blue crab	0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ 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: Charles Jourdeuil Observer firm ECO Inc.

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0011 Maintenance X /New Work ____ PROJECT start date 10Mar06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

LOAD #: 159 LOAD start date: 31Mar06 Times (24hrs): Start 1652 End ____

Condition of screening: Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6ft

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

Type of material dredged: Sand

Weather conditions: Fair

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): 10-20

AIR TEMP: 73 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °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: Jelly Fish Sea star

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	0
Blue crab	0

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

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

Comments: Had to stop so trawler could fix his net.

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

Observer's name: [redacted] Observer firm ECO Inc.

Observer signature Charles Jourdenat

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0011 Maintenance X /New Work _____ PROJECT start date 10Mar06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

LOAD #: 160 LOAD start date: 31Mar06 Times (24hrs): Start 1859 End 2005

Condition of screening: Port Good Starboard X Overflow _____

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6ft

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

Type of material dredged: _____

Weather conditions: Fair

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): 10-20

AIR TEMP: 67 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °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: horseshoe crab

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- Sturgeon (any species) 0
- Shark (any species) 0
- Horseshoe crab 0
- Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES _____ 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: Charles Jourdant Observer firm ECO Inc.

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0011 Maintenance X /New Work ____ PROJECT start date 10Mar06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

LOAD #: 161 LOAD start date: 31Mar06 Times (24hrs): Start 2035 End 2149

Condition of screening: Port Good Starboard X Overflow ____

Number of dragheads in use: 1 Type of dragheads used: Califonia Size of dragheads: 6ft

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

Type of material dredged: Sand

Weather conditions: Fair

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): 10-20

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

WATER TEMP: Surface 57 °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: Mantis shrimp horseshoe crab seastar Sand Dollar

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	1
Blue crab	0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ 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: Charles Jourdan T Observer firm ECO Inc.

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0011 Maintenance X /New Work ____ PROJECT start date 10Mar06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

LOAD #: 162 LOAD start date: 31Mar06 Times (24hrs): Start 2217 End 2334

Condition of screening: Port Good Starboard X Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6ft

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

Type of material dredged: Sand

Weather conditions: Fair Windy

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: 2-3 ft Wind (speed & direction): 20-70

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

WATER TEMP: Surface 52 °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: Squid, Jelly Fish, Sea stars, Sand Dollars

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	0
Blue crab	0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ 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: Charles Jourdan Observer firm ECO Inc.

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance ✓ /New Work ____ PROJECT start date 10Mar06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

LOAD #: 175 LOAD start date: 2Apr06 Times (24hrs): Start 0102 End 0217

Condition of screening: Port good Starboard — Overflow —

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6ft

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

Type of material dredged: Sand

Weather conditions: windy, fair

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: 5 ft Wind (speed & direction): 10-15

AIR TEMP: 64.6 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C (°F) Column (mid-depth) — °C/°F Bottom — °C/°F

SCREEN TYPE ✓

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

PORT SCREEN CONTENTS: horseshoe crab, sea stars, spider crab, jelly fish

STARBOARD SCREEN CONTENTS: n/a

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	1
Blue crab	0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ 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: Danielle Klapper Observer firm ECO Inc.

Observer signature: Danielle Klapper

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance ✓ /New Work ____ PROJECT start date 10Mar06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

LOAD #: 176 LOAD start date: 2Apr06 Times (24hrs): Start 257 End 410

Condition of screening : Port good Starboard — Overflow —

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6ft

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

Type of material dredged: Sand

Weather conditions: fair

Tidal stage (CIRCLE ONE): Slack (Rising) OK 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): 10-15

AIR TEMP: 66-1 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C (F) Column (mid-depth) — °C/F Bottom — °C/F

SCREEN TYPE ✓

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

PORT SCREEN CONTENTS: horseshoe crab, skate, sand dollar, sea stars,

STARBOARD SCREEN CONTENTS: n/a

Estimate number entrained on this load for the following:

- Sturgeon (any species) Ø
- Shark (any species) Ø
- Horseshoe crab 3
- Blue crab Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ 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: Danielle Klepper Observer firm ECO Inc.

Observer signature Danielle Klepper

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance ✓ /New Work ____ PROJECT start date 10Mar06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

LOAD #: 177 LOAD start date: 2Apr06 Times (24hrs): Start 944 End 611

Condition of screening: Port good Starboard — Overflow —

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6ft

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

Type of material dredged: Sand

Weather conditions: fair + windy

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

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

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

Waves: 2-3 ft Wind (speed & direction): 15-20

AIR TEMP: 66.2 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C (F) Column (mid-depth) — °C/°F Bottom — °C/°F

SCREEN TYPE ✓

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

PORT SCREEN CONTENTS: horseshoe crab, sea stars, sponge Loggerhead carapace piece ~~fro~~ (Original load 174) found in aft lander

STARBOARD SCREEN CONTENTS: n/a

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 2

Blue crab 0

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

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

Comments: carapace piece, freshly dead, some flesh attached and little blood, original load #174

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

Observer's name: Danielle Kleppar Observer firm ECO Inc.

Observer signature Danielle Kleppar

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance ✓ /New Work ____ PROJECT start date 10Mar06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

LOAD #: 178 LOAD start date: 2Apr06 Times (24hrs): Start 640 End 809

Condition of screening: Port good Starboard — Overflow —

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6ft

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

Type of material dredged: Sand

Weather conditions: sunrise - some clouds

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: .5 ft Wind (speed & direction): 10-15

AIR TEMP: 65.7 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C (F) Column (mid-depth) — °C/F Bottom — °C/F

SCREEN TYPE

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

PORT SCREEN CONTENTS: horseshoe crab, sea stars, sand dollars, swimming crab sp.

STARBOARD SCREEN CONTENTS: n/a

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	1
Blue crab	0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ 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: Danielle Kepner Observer firm ECO Inc.

Observer signature: Danielle Kepner

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District
CONTRACT #: W912HN-06-C-0014 Maintenance ✓ /New Work ____ PROJECT start date 10Mar06
PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya
DREDGE FIRM: B+B
LOAD #: 179 LOAD start date: 2Apr06 Times (24hrs): Start 834 End 957

Condition of screening : Port good Starboard — Overflow —

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6ft
Draghead deflector? YES ✓ NO ___ Condition of deflector: good

Type of material dredged: Sand

Weather conditions: Sunny

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: .5 ft Wind (speed & direction): 10-15

AIR TEMP: ~~65.1~~ 12.5 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 57 °C (F) Column (mid-depth) — °C/°F Bottom — °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: common mantis shrimp, horseshoe crab, sand dollars, seastars, hermit crab (live - threw overboard)

STARBOARD SCREEN CONTENTS: n/a

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	3
Blue crab	0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ 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: Danielle Klepper Observer firm ECO Inc.
Observer signature: Danielle Klepper

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District
CONTRACT #: W912HN-06-C-0014 Maintenance ✓ /New Work ____ PROJECT start date 10Mar06
PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya
DREDGE FIRM: B+B
LOAD #: 180 LOAD start date: 2Apr06 Times (24hrs): Start 1025 End 1137

Condition of screening: Port good Starboard — Overflow —

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6ft
Draghead deflector? YES ✓ NO ___ Condition of deflector: good

Type of material dredged: Sand

Weather conditions: Sunny

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: .5-1 ft Wind (speed & direction): 10-15

AIR TEMP: 78.7 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 57 °C (F) Column (mid-depth) — °C/°F Bottom — °C/°F

SCREEN TYPE ✓

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

PORT SCREEN CONTENTS: Horseshoe crab, Sea stars, sand dollars, sea robin, hermit crab.

STARBOARD SCREEN CONTENTS: n/a

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	1
Blue crab	0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ 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: Danielle Klippa Observer firm ECO Inc.
Observer signature Danielle Klippa

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District
CONTRACT #: W912HN-06-C-0014 Maintenance ✓ /New Work ____ PROJECT start date 10Mar06
PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya
DREDGE FIRM: B+B
LOAD #: 181 LOAD start date: 2Apr06 Times (24hrs): Start 1213 End 1331

Condition of screening: Port Good Starboard — Overflow —

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6ft
Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand & Silt

Weather conditions: Fair

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: 0-1 ft Wind (speed & direction): S-10

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 57 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

SCREEN TYPE ✓

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

PORT SCREEN CONTENTS: Lolina Crab, horseshoe crab, Sea star, Sand Dollar

STARBOARD SCREEN CONTENTS: N/a

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	2
Blue crab	0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ 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: Charles Jordan Observer firm ECO Inc.
Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance ✓ /New Work ____ PROJECT start date 10Mar06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

LOAD #: 182 LOAD start date: 24Mar06 Times (24hrs): Start 1356 End 1532

Condition of screening: Port Good Starboard — Overflow —

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6ft

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: 0-2 ft Wind (speed & direction): S-10

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

SCREEN TYPE ✓

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

PORT SCREEN CONTENTS: horseshoe crab, Swimming crab, Sea stars, Sand Dollars, Part of Carapace from other turtle take

STARBOARD SCREEN CONTENTS: N/a

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	2
Blue crab	0

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

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

Comments: Part of Carapace from other turtle take

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

Observer's name: Charles Jourdan Observer firm ECO Inc.

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance ✓ /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

LOAD #: 183 LOAD start date: 2 Apr 06 Times (24hrs): Start 1602 End ____

Condition of screening: Port Good Starboard — Overflow —

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft

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

Type of material dredged: Sand

Weather conditions: Fair

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): 5-10

AIR TEMP: 80 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: horseshoe crab, Sea stars, Sand Dollar Calico Crab Southern Ray

STARBOARD SCREEN CONTENTS: n/a

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	2
Blue crab	0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ 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: Charles Jourdan Observer firm ECO Inc.

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance ✓ /New Work ____ PROJECT start date 10Mar06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

LOAD #: 184 LOAD start date: 2Apr06 Times (24hrs): Start 1805 End ____

Condition of screening: Port Good Starboard — Overflow —

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6ft

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

Type of material dredged: Sand

Weather conditions: Fair

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): 10-15

AIR TEMP: 78 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C/F Column (mid-depth) — °C/F Bottom — °C/F

SCREEN TYPE ✓

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

PORT SCREEN CONTENTS: horseshoe crab, Sea stars, Sand Dollars

STARBOARD SCREEN CONTENTS: n/a

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	1
Blue crab	0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ 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: Charles Jourdan Observer firm ECO Inc.

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance ✓ /New Work ____ PROJECT start date 10Mar06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

LOAD #: 185 LOAD start date: 2Apr06 Times (24hrs): Start 1943 End ____

Condition of screening: Port Good Starboard — Overflow —

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6ft

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

Type of material dredged: Sand

Weather conditions: Fair

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): 10-20

AIR TEMP: 71 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

SCREEN TYPE ✓

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

PORT SCREEN CONTENTS: horseshoe crab, sea star, sand Dollar

STARBOARD SCREEN CONTENTS: n/a

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	2
Blue crab	0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ 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: Charles Jourdan Observer firm ECO Inc.

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance ✓ /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

LOAD #: 186 LOAD start date: 29 Apr 06 Times (24hrs): Start 2152 End 2315

Condition of screening: Port Good Starboard — Overflow —

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6ft

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

Type of material dredged: Sand

Weather conditions: Fair

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): 15-20

AIR TEMP: 68 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

SCREEN TYPE ✓

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

PORT SCREEN CONTENTS: horseshoe crab, sea star, sand Dollar

STARBOARD SCREEN CONTENTS: n/a

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	2
Blue crab	0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ 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: Chadsey Jourdant Observer firm ECO Inc.

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance ✓ /New Work ____ PROJECT start date 10Mar06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

LOAD #: 187 LOAD start date: 2Apr06 Times (24hrs): Start 2341 End 0102

Condition of screening: Port Good Starboard — Overflow —

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6ft

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): 15-20

AIR TEMP: 68 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: horseshoe crabs, sand dollars, seastars

STARBOARD SCREEN CONTENTS: n/a

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	2
Blue crab	0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ 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: Danielle Keppler Observer firm ECO Inc.

Observer signature Danielle Keppler

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District
CONTRACT #: W912HN-06-C-0014 Maintenance ✓ /New Work ____ PROJECT start date 10Mar06
PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya
DREDGE FIRM: B+B
LOAD #: 188 LOAD start date: 3Apr06 Times (24hrs): Start 131 End 252

Condition of screening: Port good Starboard — Overflow —

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6ft
Draghead deflector? YES ✓ NO ___ Condition of deflector: good

Type of material dredged: Sand

Weather conditions: fair/windy

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: 2-3 ft Wind (speed & direction): 15-20

AIR TEMP: 70 °C/°F °F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 57 °C/(F) Column (mid-depth) — °C/F Bottom — °C/F

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

PORT SCREEN CONTENTS: horseshoe crab, seastars, sand dollars, Gulf calico crab

STARBOARD SCREEN CONTENTS: n/a

Estimate number entrained on this load for the following:
Sturgeon (any species) 0
Shark (any species) 0
Horseshoe crab 3
Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ 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: Danielle Kteppan Observer firm ECO Inc.
Observer signature Danielle Kteppan

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District
CONTRACT #: W912HN-06-C-0014 Maintenance ✓ /New Work ____ PROJECT start date 10Mar06
PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya
DREDGE FIRM: B+B
LOAD #: 189 LOAD start date: 3Apr06 Times (24hrs): Start 319 End 452

Condition of screening: Port good Starboard — Overflow —

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6ft
Draghead deflector? YES ✓ NO ___ Condition of deflector: good

Type of material dredged: sand

Weather conditions: clear/windy

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): 8-15

AIR TEMP: 66.5 °C(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 57 °C(F) Column (mid-depth) ___ °C/F Bottom ___ °C/F

SCREEN TYPE ✓

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

PORT SCREEN CONTENTS: horseshoe crab, sea stars, sand dollar, hermit crab, yellow boring sponge, jelly fish
STARBOARD SCREEN CONTENTS: n/a

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 ✓

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: Danielle Klepper Observer firm ECO Inc.
Observer signature: Danielle Klepper

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance ✓ /New Work ____ PROJECT start date 10 March

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

LOAD #: 190 LOAD start date: 3 April 06 Times (24hrs): Start 514 End 645

Condition of screening: Port good Starboard — Overflow —

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft

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 ft
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): 10-15

AIR TEMP: 68.4 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C (F) Column (mid-depth) — °C / F Bottom — °C / F

SCREEN TYPE ✓

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

PORT SCREEN CONTENTS: sea star, jellyfish

STARBOARD SCREEN CONTENTS: n/a

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 0

Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ 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: Danielle Kingsley Observer firm ECO Inc.

Observer signature Danielle Kingsley

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance ✓ /New Work ____ PROJECT start date 10Mar06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

LOAD #: 191 LOAD start date: 3Apr06 Times (24hrs): Start 0744 End 0906

Condition of screening: Port good Starboard — Overflow —

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6ft

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

Type of material dredged: Sand

Weather conditions: partly cloudy

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: 5-1 ft Wind (speed & direction): 10

AIR TEMP: 66.8 °C (F) CF = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 57 °C (F) Column (mid-depth) — °C / F Bottom — °C / F

SCREEN TYPE ✓

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

PORT SCREEN CONTENTS: horseshoe crab, Gulf calico crab, hermit crab, sea stars, sand dollars, fishing line and metal hooks

STARBOARD SCREEN CONTENTS: n/a

Estimate number entrained on this load for the following:

Sturgeon (any species) Shortnose sturgeon caught by Trawler at 0630, 154cm, offshore taken 250m

Shark (any species) 0

Horseshoe crab 0

Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ 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: Danielle Kleppar Observer firm ECO Inc.

Observer signature Danielle Kleppar

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance ✓ /New Work ____ PROJECT start date 10Mar06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

LOAD #: 192 LOAD start date: 3Apr06 Times (24hrs): Start 0935 End 1050

Condition of screening: Port good Starboard — Overflow —

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6ft

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

Type of material dredged: sand

Weather conditions: sunny / windy

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: .5-1 ft Wind (speed & direction): 10-15

AIR TEMP: 66.1 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 59 °C/(F) Column (mid-depth) — °C/F Bottom — °C/F

SCREEN TYPE

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

PORT SCREEN CONTENTS: calico crab, horseshoe crab, hermit crab, sand dollars, sea stars

STARBOARD SCREEN CONTENTS: n/a

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	1
Blue crab	0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ 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: Danielle Hopper Observer firm ECO Inc.

Observer signature Danielle Hopper

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance ✓ /New Work ____ PROJECT start date 10Mar06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

LOAD #: 193 LOAD start date: 3Apr06 Times (24hrs): Start 1113 End 1237

Condition of screening : Port good Starboard — Overflow —

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6ft

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

Type of material dredged: sand

Weather conditions: sunny

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: 5 ft Wind (speed & direction): 10

AIR TEMP: 67.7 °C (F) °C = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 59 °C (F) Column (mid-depth) — °C/F Bottom — °C/F

SCREEN TYPE

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

___ Overflow screening: None 25% 50% 75% 100%

___ Other screening: None 25% 50% 75% 100%

PORT SCREEN CONTENTS: Sea star Sand Dollars Fishing line

STARBOARD SCREEN CONTENTS: n/a

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 0

Blue crab 6

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ 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: Charles Jordan Observer firm ECO Inc.

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance ✓ /New Work ____ PROJECT start date 10Mar06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

LOAD #: 144 LOAD start date: 3Apr06 Times (24hrs): Start 1303 End 1430

Condition of screening: Port Good Starboard — Overflow —

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6ft

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 (1) = 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): 10-15

AIR TEMP: 82 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 61 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

SCREEN TYPE

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

___ Overflow screening: None 25% 50% 75% 100%

___ Other screening: None 25% 50% 75% 100%

PORT SCREEN CONTENTS: Sea star Sand Dollar - Calico crab

STARBOARD SCREEN CONTENTS: n/a

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 0

Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ 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: Charles Tourdot Observer firm ECO Inc.

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance ✓ /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

LOAD #: 195 LOAD start date: 3Ap-06 Times (24hrs): Start 1455 End ____

Condition of screening: Port Good Starboard — Overflow —

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6ft

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: 0-2 ft Wind (speed & direction): 15-25

AIR TEMP: 74 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 61 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: Sea stars, Sand Dollars, Jelly fish

STARBOARD SCREEN CONTENTS: n/a

Estimate number entrained on this load for the following:

- Sturgeon (any species) 0
- Shark (any species) 0
- Horseshoe crab 0
- Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ 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: Charles Jourdan T Observer firm ECO Inc.

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-[illegible] Maintenance ✓ /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick 2014 Savannah Harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: B & B

LOAD #: 196 LOAD start date: 3 Apr 06 Times (24hrs): Start 1646 End 1755

Condition of screening: Port Good Starboard — Overflow —

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft

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

Type of material dredged: Sand

Weather conditions: Clear & windy

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: 1-4 ft Wind (speed & direction): 15-25

AIR TEMP: 71.5 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 61 °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: Sea star, Sand Dollar, Spider Crab horseshoe Crab

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	1
Blue crab	0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ 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: Charley Jourdant Observer firm ECO INC.

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah Distrjct

CONTRACT #: W912HN-06C- Maintenance ✓ /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor 2014 DREDGE NAME: Atchafalaya

DREDGE FIRM: B&B

LOAD #: 197 LOAD start date: 3 Apr 06 Times (24hrs): Start 1824 End 2009

Condition of screening : Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft

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

Type of material dredged: Sand

Weather conditions: Fair & Windy

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: 2-4 ft Wind (speed & direction): 20-30

AIR TEMP: 73 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 61 °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

SCREEN TYPE ✓ Inflow screening: None 25% 50% 75% (100%)

____ Overflow screening: None 25% 50% 75% 100%

____ Other screening: None 25% 50% 75% 100%

PORT SCREEN CONTENTS: Sea star & Sand Dollars

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 0

Blue crab 0

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

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

Comments: Atlantic Sturgeon 128.8 cm found in trawler

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

Observer's name: Charles Jourdant Observer firm ECO INC

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0017 Maintenance ✓ /New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: B & B

LOAD #: 148 LOAD start date: 3 Apr 06 Times (24hrs): Start 2035 End 2146

Condition of screening : Port Good Starboard — Overflow —

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6ft

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

Type of material dredged: Sand

Weather conditions: Fair

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: 1-4 ft Wind (speed & direction): 20-30

AIR TEMP: 67 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 61 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

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

PORT SCREEN CONTENTS: horseshoe crab, Sea star sand Dollar

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 1

Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ 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: Charles Sandoval Observer firm ECO INC

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance ✓ New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: B&B

LOAD #: 199 LOAD start date: 3 Apr 06 Times (24hrs): Start 2213 End 2335

Condition of screening: Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft

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

Type of material dredged: Sand

Weather conditions: Fair

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: 1-4 ft Wind (speed & direction): 20-30

AIR TEMP: 68 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 61 °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: Sea star, Sand Dollar, horseshoe crab

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 1

Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ 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: Charles Jourdant Observer firm Eco Inc.

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0014 Maintenance ✓ New Work ____ PROJECT start date 10 Mar 06

PROJECT NAME: Brunswick & Savannah harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: B or B

LOAD #: 200 LOAD start date: 4 Apr 06 Times (24hrs): Start 034 End 153

Condition of screening: Port Good Starboard X Overflow X

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6 ft

Draghead deflector? YES ✓ NO ____ Condition of deflector: ~~Good~~ OK chain broken on drag head chain connecting TED

Type of material dredged: Sand

Weather conditions: fair

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: 5-1 ft Wind (speed & direction): 10-15

AIR TEMP: 69.3 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

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

SCREEN TYPE ✓

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

PORT SCREEN CONTENTS: horseshoe crab, sea stars, sand dollars

STARBOARD SCREEN CONTENTS: NA

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 9

Horseshoe crab 9

Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ 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: Danielle Klypan Observer firm ECO Inc.

Observer signature: Danielle Klypan

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah District

CONTRACT #: W912HN-06-C-0004 Maintenance ✓ /New Work ____ PROJECT start date 10Mar06

PROJECT NAME: Brunswick & Savannah Harbor DREDGE NAME: Atchafalaya

DREDGE FIRM: BTB

LOAD #: 201 LOAD start date: 4Apr06 Times (24hrs): Start 0220 End 0340

Condition of screening: Port good Starboard ✓ Overflow —

Number of dragheads in use: 1 Type of dragheads used: California Size of dragheads: 6ft

Draghead deflector? YES ✓ NO ____ Condition of deflector: link fixed on TED

Type of material dredged: sand

Weather conditions: fair

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: 5-1 ft Wind (speed & direction): 15-20

AIR TEMP: 67 °C (°F) °F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

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

SCREEN TYPE ✓

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

PORT SCREEN CONTENTS: horseshoe crab, sea stars, sand dollars

STARBOARD SCREEN CONTENTS: n/a

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 2

Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ 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: Danielle Kaplan Observer firm ECO Inc.

Observer signature Danielle Kaplan