ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah

CONTRACT #: W912HN-05-C-0002 Maintenance X /New Work ____ PROJECT start date 2/18/05

PROJECT NAME: Maintenance Dredging-Brunswick DREDGE NAME: B.E. Lindholm

DREDGE FIRM: Weeks Marine

LOAD #: 1 LOAD start date: 2/18/05 Times (24hrs): Start 1059 End 1117

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

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'

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

Type of material dredged: sand, silt, mud, ~~clay~~

Weather conditions: clear, calm

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: 1.0 ft Wind (speed & direction): N @ 5-10kts

AIR TEMP: 59 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 49 °C/(°F) Column (mid-depth) — °C/°F Bottom — °C/°F

SCREEN TYPE						
X	Inflow screening:	None	25%	50%	75%	100%
X	Overflow screening:	None	25%	50%	75%	100%
—	Other screening:	None	25%	50%	75%	100%

FWD: ~~PORT~~ SCREEN CONTENTS: wood

MID: ~~STARBOARD~~ SCREEN CONTENTS: Queen conch

Aft: clear

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: Jadyn Daly Observer firm Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah

CONTRACT #: W912HN-05-C-0002 Maintenance X /New Work _____ PROJECT start date Feb 18 '05

PROJECT NAME: Brunswick Entrance Channel DREDGE NAME: B.E. Lindholm

DREDGE FIRM: Weeks Marine

LOAD #: 2 LOAD start date: 2/18/05 Times (24hrs): Start 1408 End 1421

Condition of screening : FWD GOOD MID: GOOD AFT: GOOD Overflow GOOD

Number of dragheads in use: 2 Type of dragheads used: INC Size of dragheads: 9'

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

Type of material dredged: sand, silt

Weather conditions: clear, calm

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 ft Wind (speed & direction): _____

AIR TEMP: 59 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 49 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

SCREEN TYPE						
X	Inflow screening:	None	25%	50%	75%	100%
X	Overflow screening:	None	25%	50%	75%	100%
—	Other screening:	None	25%	50%	75%	100%

FWD. SCREEN CONTENTS: clean

MID SCREEN CONTENTS: clean

AFT SCREEN CONTENTS: clean

Estimate number entrained on this load for the following:

Sturgeon (any species) _____

Shark (any species) _____

Horseshoe crab _____

Blue crab _____

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

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

Comments: Right whale sighting on way to dump.

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

Observer's name: Jaclyn Daly Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah

CONTRACT #: W912HN-05-C-0009 Maintenance X /New Work _____ PROJECT start date Feb 18 '05

PROJECT NAME: Brunswick Entrance Channel DREDGE NAME: B.E. Lindholm

DREDGE FIRM: Weeks Marine

LOAD #: 3 LOAD start date: 2/18/05 Times (24hrs): Start 1700 End 1713

Condition of screening : Good AFT: Good Overflow Good

Number of dragheads in use: 2 Type of dragheads used: INC Size of dragheads: 9'

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

Type of material dredged: sand, silt, MUD

Weather conditions: clear, calm

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): Ø

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

WATER TEMP: Surface 50 °C/(°F) Column (mid-depth) — °C/°F Bottom — °C/°F

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

FWD. SCREEN CONTENTS: Ø

MID

AFT SCREEN CONTENTS: Ø

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø

Shark (any species)

Horseshoe crab

Blue crab

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

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: Jaclyn Day Observer firm Coastwise Consulting

Observer signature Jaclyn Day

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah

CONTRACT #: W912HN-05-C-0002 Maintenance X /New Work ____ PROJECT start date Feb 18 '05

PROJECT NAME: Brunswick Entrance Channel DREDGE NAME: B.E. Lindholm

DREDGE FIRM: Weeks Marine

LOAD #: 4 LOAD start date: 2/18/05 Times (24hrs): Start 2015 End 2030

Condition of screening : FWD Good MID GOOD AFT: GOOD Overflow GOOD

Number of dragheads in use: 2 Type of dragheads used: INC Size of dragheads: 9'

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

Type of material dredged: sand, silt, mud

Weather conditions: calm 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): E @ .5 kts

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

WATER TEMP: Surface 50 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

SCREEN TYPE

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

FWD. SCREEN CONTENTS: Unid snails (2)

MID SCREEN CONTENTS: clean

AFT SCREEN CONTENTS: clear

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø

Shark (any species)

Horseshoe crab

Blue crab

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

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

Comments: Travelling 5 kts to/from dump site due to right whale sighting

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

Observer's name: ____ Observer firm Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: SAVANNAH

CONTRACT #: W912HN-05-C-0002 Maintenance X /New Work ____ PROJECT start date 2/18/05

PROJECT NAME: MAINTENANCE DREDGING - BRUNSWICK DREDGE NAME: B.E. LINDHOLM

DREDGE FIRM: WEEKS MARINE

LOAD #: 5 LOAD start date: 2/19/05 Times (24hrs): Start 0125 End 0139

Condition of screening: FOREWARD: good MID: good AFT: good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'

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

Type of material dredged: sand, mud

Weather conditions: clear + calm

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): ____

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

WATER TEMP: Surface 49 °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

SCREEN TYPE						
X	Inflow screening:	None	25%	50%	75%	100%
X	Overflow screening:	None	25%	50%	75%	100%
—	Other screening:	None	25%	50%	75%	100%

FORE: SCREEN CONTENTS: Ø

MID: Ø

AFT: SCREEN CONTENTS: Ø

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: overflow - sea whip, 3 HS crab, wood

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

Observer's name: MEGHAN PIERCY Observer firm COASTWISE CONSULTING

Observer signature Meghan J. Piercy

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: SAVANNAH

CONTRACT #: W912HN-05-C-0002 Maintenance X /New Work ____ PROJECT start date 2/18/05

PROJECT NAME: MAINTENANCE DREDGING - BRUNSWICK DREDGE NAME: B.E. LINDHOLM

DREDGE FIRM: WEEKS MARINE

LOAD #: 6 LOAD start date: 2/19/05 Times (24hrs): Start 0627 End 0645

Condition of screening: FOREWARD: good MID: good AFT: good · Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'

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

Type of material dredged: sand, silt

Weather conditions: clear + calm

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): ____

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

WATER TEMP: Surface 49 °C (°F) Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

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

FORE: SCREEN CONTENTS: whelks, 1 HS crab, sea whip

MID: cannon

AFT: SCREEN CONTENTS: scrap metal

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø

Shark (any species) Ø

Horseshoe crab 3

Blue crab 1

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

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

Comments: overflow = Sea whip, wood, eel, 1 blue crab, 2 HS crab

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

Observer's name: M. PIERCY Observer firm COASTWISE CONSUL

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: SAVANNAH

CONTRACT #: W912HN-05-C-0002 Maintenance X /New Work ____ PROJECT start date 2/18/05

PROJECT NAME: MAINTENANCE DREDGING - BRUNSWICK DREDGE NAME: B.E. LINDHOLM

DREDGE FIRM: WEEKS MARINE

LOAD #: 7 LOAD start date: 2/19/05 Times (24hrs): Start 0913 End 0929

Condition of screening: FOREWARD: good MID: good AFT: good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'

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

Type of material dredged: sand, silt

Weather conditions: clear + calm

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): ____

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

WATER TEMP: Surface 48 °C (°F) Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

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

FORE: SCREEN CONTENTS: 1 Hs crab, ~~sea~~

MID:

AFT: SCREEN CONTENTS:

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø

Shark (any species)

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: overflow, sea whip, wood

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

Observer's name: M. Persey Observer firm COASTWISE CONSULTING

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: SAVANNAH

CONTRACT #: W912HN-05-C-0002 Maintenance X /New Work ____ PROJECT start date 2/18/05

PROJECT NAME: MAINTENANCE DREDGING - BRUNSWICK DREDGE NAME: B.E. LINDHOLM

DREDGE FIRM: WEEKS MARINE

LOAD #: 8 LOAD start date: 2/19/05 Times (24hrs): Start 1202 End 1214

Condition of screening: FOREWARD: GOOD MID: GOOD AFT: GOOD Overflow GOOD

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'

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

Type of material dredged: sand, silt, mud

Weather conditions: clear + calm

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): S @ 0-5 kt

AIR TEMP: 61 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

SCREEN TYPE						
X	Inflow screening:	None	25%	50%	75%	100%
X	Overflow screening:	None	25%	50%	75%	100%
—	Other screening:	None	25%	50%	75%	100%

FORE: SCREEN CONTENTS: Ø

MID:

AFT: SCREEN CONTENTS:

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø

Shark (any species)

Horseshoe crab

Blue crab

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

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

Comments: Overflow - sea whip, wood

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

Observer's name: Jaclyn Daly Observer firm COASTWISE CONSULTING

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah

CONTRACT #: W912HN-05-C-0002 Maintenance X /New Work ____ PROJECT start date Feb 18 '05

PROJECT NAME: Brunswick Entrance Channel DREDGE NAME: BE Lindholm

DREDGE FIRM: Weeks Marine

LOAD #: 9 LOAD start date: 2/19/05 Times (24hrs): Start 1455 End 1510

Condition of screening: FWD: GOOD MID: GOOD AFT: GOOD Overflow GOOD

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'

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

Type of material dredged: sand, silt, mud

Weather conditions: clear & calm

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): light/variable

AIR TEMP: 61 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

SCREEN TYPE						
X	Inflow screening:	None	25%	50%	75%	100%
X	Overflow screening:	None	25%	50%	75%	100%
—	Other screening:	None	25%	50%	75%	100%

FWD. SCREEN CONTENTS: clear

MID SCREEN - Anchor

AFT SCREEN CONTENTS: clear

Estimate number entrained on this load for the fo g:

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

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

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

Comments: NOAA57 (aerial survey) called to report 2 right whale sightings @ 31°26N 80°57W of 2 adults headed W; 31°26N 80°58W - 2 adults headed NW - both sightings outside 13 mile radius

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

Observer's name: Jaclyn Daly Observer firm Coastwise Consulting

Observer signature: Jaclyn Daly

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Savannah

CONTRACT #: W912HN-05-C-0008 Maintenance X /New Work _____ PROJECT start date Feb 18 '05

PROJECT NAME: Brunswick Entrance Channel DREDGE NAME: B.E. Ladholm

DREDGE FIRM: Weeks Marine

LOAD #: 10 LOAD start date: 2/19/05 Times (24hrs): Start 1738 End 1758

Condition of screening : FWD: GOOD MID: GOOD AFT: GOOD Overflow GOOD

Number of dragheads in use: 2 Type of dragheads used: INC Size of dragheads: 9'

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

Type of material dredged: Sand, silt, mud

Weather conditions: clear + calm

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): light/variable

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

WATER TEMP: Surface 50 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

SCREEN TYPE						
X	Inflow screening:	None	25%	50%	75%	100%
X	Overflow screening:	None	25%	50%	75%	100%
—	Other screening:	None	25%	50%	75%	100%

FWD. SCREEN CONTENTS: horseshoe crab (1)

MID clean

AFT SCREEN CONTENTS: clean

Overflow = sea whips

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: No right whale sightings w/in 15 miles today. Proceed at regular speed all night.

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

Observer's name: Jaclyn Daly Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: SAVANNAH

CONTRACT #: W912HN-05-C-0002 Maintenance X /New Work ____ PROJECT start date 2/18/05

PROJECT NAME: MAINTENANCE DREDGING - BRUNSWICK DREDGE NAME: B.E. LINDHOLM

DREDGE FIRM: WEEKS MARINE

LOAD #: 11 LOAD start date: 2/19/05 Times (24hrs): Start 2043 End 2202

Condition of screening: FOREWARD: Good MID: Good AFT: Good Overflow Good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'

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

Type of material dredged: sand, silt, mud

Weather conditions: clear + calm

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): light/variable

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

WATER TEMP: Surface 50 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

SCREEN TYPE						
X	Inflow screening:	None	25%	50%	75%	100%
X	Overflow screening:	None	25%	50%	75%	100%
—	Other screening:	None	25%	50%	75%	100%

FORE: SCREEN CONTENTS: Ø

MID: Ø

AFT: SCREEN CONTENTS: Ø

Overflow - wood, seaweed, metal trash

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø

Shark (any species)

Horseshoe crab

Blue crab

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

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: Jaclyn Daly Observer firm COASTWISE CONSULTING

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: SAVANNAH

CONTRACT #: W912HN-05-C-0002 Maintenance X /New Work ____ PROJECT start date 2/18/05

PROJECT NAME: MAINTENANCE DREDGING - BRUNSWICK DREDGE NAME: B.E. LINDHOLM

DREDGE FIRM: WEEKS MARINE

LOAD #: 12 LOAD start date: 2/20/05 Times (24hrs): Start ____ End ____ arrived @ dump = 0058

Condition of screening: FOREWARD: good MID: good AFT: good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'

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

Type of material dredged: sand, mud

Weather conditions: clear, extremely calm

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/ [illegible]
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): ____

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

WATER TEMP: Surface 49 °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

SCREEN TYPE						
X	Inflow screening:	None	25%	50%	75%	100%
X	Overflow screening:	None	25%	50%	75%	100%
—	Other screening:	None	25%	50%	75%	100%

FORE: SCREEN CONTENTS: scrap metal, wood

MID: scrap metal, wood

AFT: SCREEN CONTENTS: Ø

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø

Shark (any species)

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: overflow: wood, sea whip, eels, 3 #s crab

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

Observer's name: M. PIERCY Observer firm COASTWISE CONSULTING

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: SAVANNAH

CONTRACT #: W912HN-05-C-0002 Maintenance X /New Work ____ PROJECT start date 2/18/05

PROJECT NAME: MAINTENANCE DREDGING - BRUNSWICK DREDGE NAME: B.E. LINDHOLM

DREDGE FIRM: WEEKS MARINE

LOAD #: 13 LOAD start date: 2/20/05 Times (24hrs): Start 0217 End 0229

Condition of screening: FOREWARD: good MID: good AFT: good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'

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

Type of material dredged: sand, mud

Weather conditions: clear + calm

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): ____

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

WATER TEMP: Surface 50 °C/(F) Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

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

FORE: SCREEN CONTENTS: ∅

MID:

AFT: SCREEN CONTENTS: ∅

Estimate number entrained on this load for the following:

Sturgeon (any species) ∅

Shark (any species)

Horseshoe crab

Blue crab

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

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

Comments: overflow = wood, sea whip

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

Observer's name: M. PIERCY Observer firm COASTWISE CONSULTING

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: SAVANNAH

CONTRACT #: W912HN-05-C-0002 Maintenance X /New Work ____ PROJECT start date 2/18/05

PROJECT NAME: MAINTENANCE DREDGING - BRUNSWICK DREDGE NAME: B.E. LINDHOLM

DREDGE FIRM: WEEKS MARINE

LOAD #: 14 LOAD start date: 2/20/04 Times (24hrs): Start 0455 End 0508

Condition of screening: FOREWARD: good MID: good AFT: good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'

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

Type of material dredged: sand, silt

Weather conditions: clear + calm

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): ____

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

WATER TEMP: Surface 50 °C (°F) Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

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

FORE: SCREEN CONTENTS: ∅

MID:

AFT: SCREEN CONTENTS: ∅

Estimate number entrained on this load for the following:

Sturgeon (any species) ∅

Shark (any species)

Horseshoe crab (2)

Blue crab

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

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

Comments: overflow = wood, eels, 2 HS crab, sea whip

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

Observer's name: M. PIERCY Observer firm COASTWISE CONSULTING

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: SAVANNAH

CONTRACT #: W912HN-05-C-0002 Maintenance X /New Work ____ PROJECT start date 2/18/05

PROJECT NAME: MAINTENANCE DREDGING - BRUNSWICK DREDGE NAME: B.E. LINDHOLM

DREDGE FIRM: WEEKS MARINE

LOAD #: 15 LOAD start date: 2/20/05 Times (24hrs): Start 0729 End 0743

Condition of screening: FOREWARD: good MID: good AFT: good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'

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

Type of material dredged: sand, silt

Weather conditions: clear + calm

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): ____

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

WATER TEMP: Surface 50 °C/(F) Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

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

FORE: SCREEN CONTENTS: Ø

MID: Ø

AFT: SCREEN CONTENTS: scrap metal

Overflow: sea whip, eels, whelk egg cases,

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø

Shark (any species)

Horseshoe crab

Blue crab

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

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

Comments: Sightings: 0805 10-15 Tt @ buoy #7
0930 5-10 Tt @ buoy #9

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

Observer's name: M. PIERCY Observer firm COASTWISE CONSULTING

Observer signature Meghan J. Piercy

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: SAVANNAH

CONTRACT #: W912HN-05-C-0002 Maintenance X /New Work ____ PROJECT start date 2/18/05

PROJECT NAME: MAINTENANCE DREDGING - BRUNSWICK DREDGE NAME: B.E. LINDHOLM

DREDGE FIRM: WEEKS MARINE

LOAD #: 16 LOAD start date: 2/20/05 Times (24hrs): Start 1003 End 1018

Condition of screening: FOREWARD: good MID: good AFT: good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'

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

Type of material dredged: sand, silt, mud

Weather conditions: clear + calm

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): light variable

AIR TEMP: 65 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

SCREEN TYPE						
X	Inflow screening:	None	25%	50%	75%	100%
X	Overflow screening:	None	25%	50%	75%	100%
—	Other screening:	None	25%	50%	75%	100%

FORE: SCREEN CONTENTS: clear

MID: rocks

AFT: SCREEN CONTENTS: clear

Overflow: sea whips, wood, plastic containers

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 Ø

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

Comments: NOAA 57 called in w/ 2 right whale sightings - both outside 15 mile radius zone.

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

Observer's name: ~~M. PIERCY~~ Jaclyn Daly Observer firm COASTWISE CONSULTING

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: SAVANNAH

CONTRACT #: W912HN-05-C-0002 Maintenance X /New Work ____ PROJECT start date 2/18/05

PROJECT NAME: MAINTENANCE DREDGING - BRUNSWICK DREDGE NAME: B.E. LINDHOLM

DREDGE FIRM: WEEKS MARINE

LOAD #: 17 LOAD start date: 2/20/05 Times (24hrs): Start 1240 End 1254

Condition of screening: FOREWARD: Good MID: Good AFT: Good Overflow Good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'

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

Type of material dredged: sand, silt, mud

Weather conditions: partly cloudy, calm

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: 0.25 ft Wind (speed & direction): SE @ 5-10kts

AIR TEMP: 68 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

SCREEN TYPE						
X	Inflow screening:	None	25%	50%	75%	100%
X	Overflow screening:	None	25%	50%	75%	100%
—	Other screening:	None	25%	50%	75%	100%

FORE: SCREEN CONTENTS: clear

MID: clear

AFT: SCREEN CONTENTS: clear

overflow - sea whips, prawn (1), juv fish (3)

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species)

Horseshoe crab

Blue crab

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

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

Comments: NOAA 57 reports 1 mom/1 calf 2 miles north of 7/8 Bouy - will slow speed to 5 kts during nighttime hours.

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

Observer's name: Jaclyn Daly Observer firm COASTWISE CONSULTING

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: SAVANNAH

CONTRACT #: W912HN-05-C-0002 Maintenance X /New Work ____ PROJECT start date 2/18/05

PROJECT NAME: MAINTENANCE DREDGING - BRUNSWICK DREDGE NAME: B.E. LINDHOLM

DREDGE FIRM: WEEKS MARINE

LOAD #: 18 LOAD start date: 2/20/05 Times (24hrs): Start 1533 End 1547

Condition of screening: FOREWARD: GOOD MID: GOOD AFT: GOOD Overflow GOOD

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'

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

Type of material dredged: sand, silt, mud

Weather conditions: clear + calm

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/>5
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: 0.25 ft Wind (speed & direction): E @ 5-10 kts

AIR TEMP: 67 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

SCREEN TYPE						
X	Inflow screening:	None	25%	50%	75%	100%
X	Overflow screening:	None	25%	50%	75%	100%
—	Other screening:	None	25%	50%	75%	100%

FORE: SCREEN CONTENTS: clean

MID: ↓

AFT: SCREEN CONTENTS: ↓

: overflow - wood, sea whips

Estimate number entrained on this load for the following:

Sturgeon (any species) ∅

Shark (any species)

Horseshoe crab

Blue crab

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

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

Comments: NOAA 57 called w/ whale sighting @ 1515 1 adult, 1 calf 30°53N 80°57 W - outside 15 mile radius

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

Observer's name: Jaclyn Daly Observer firm COASTWISE CONSULTING

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: SAVANNAH

CONTRACT #: W912HN-05-C-0002 Maintenance X /New Work ____ PROJECT start date 2/18/05

PROJECT NAME: MAINTENANCE DREDGING - BRUNSWICK DREDGE NAME: B.E. LINDHOLM

DREDGE FIRM: WEEKS MARINE

LOAD #: 19 LOAD start date: 2/20 Times (24hrs): Start 1817 End 1845

Condition of screening: FOREWARD: GOOD MID: GOOD AFT: GOOD Overflow GOOD

Number of dragheads in use: 1 Type of dragheads used: IHC Size of dragheads: 9'

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

Type of material dredged: sand, silt, mud

Weather conditions: clear + calm

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: .25 ft Wind (speed & direction): E @10-15kts

AIR TEMP: 63 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

SCREEN TYPE						
X	Inflow screening:	None	25%	50%	75%	100%
X	Overflow screening:	None	25%	50%	75%	100%
—	Other screening:	None	25%	50%	75%	100%

FORE: SCREEN CONTENTS: rope, rocks, wood

MID: rocks

AFT: SCREEN CONTENTS: sea whips

Overflow: wood, sea whip, plastic

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: Used only 1 draghead to lengthen amount of time for dredging - have to stop dredging 5 min. after leaching overflow to reduce amount of turbid water released into river.

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

Observer's name: Jaclyn Daly Observer firm COASTWISE CONSULTING

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: SAVANNAH

CONTRACT #: W912HN-05-C-0002 Maintenance X /New Work ____ PROJECT start date 2/18/05

PROJECT NAME: MAINTENANCE DREDGING - BRUNSWICK DREDGE NAME: B.E. LINDHOLM

DREDGE FIRM: WEEKS MARINE

LOAD #: 20 LOAD start date: 2/20/05 Times (24hrs): Start 2357 End 0244

Condition of screening: FOREWARD: good MID: good AFT: good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'

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

Type of material dredged: sand, silt + mud

Weather conditions: clear, calm

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): ____

AIR TEMP: 61 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/(F) Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

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

FORE SCREEN CONTENTS: rocks - lots, wood, 1 Hs crab

MID SCREEN CONTENTS: sand, rock, petrified whale's tooth, scallops

AFT - sand, rock

overflow = 1 Hs crab, wood, mantis shrimp

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: M. PIERCY Observer firm COASTWISE CONSULTING

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: SAVANNAH

CONTRACT #: W912HN-05-C-0002 Maintenance X /New Work ____ PROJECT start date 2/18/05

PROJECT NAME: MAINTENANCE DREDGING - BRUNSWICK DREDGE NAME: B.E. LINDHOLM

DREDGE FIRM: WEEKS MARINE

LOAD #: 21 LOAD start date: 2/2/04 Times (24hrs): Start 0529 End 0559

Condition of screening: FOREWARD: good MID: good AFT: good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'

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

Type of material dredged: sand, silt, mud

Weather conditions: overcast, bss 3, S@15

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/ [illegible]
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): _____

AIR TEMP: 61 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/°F Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

SCREEN TYPE						
X	Inflow screening:	None	25%	50%	75%	100%
X	Overflow screening:	None	25%	50%	75%	100%
—	Other screening:	None	25%	50%	75%	100%

FORE: SCREEN CONTENTS: Rock

MID: Rock

AFT: SCREEN CONTENTS: Rock

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø

Shark (any species)

Horseshoe crab

Blue crab

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

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

Comments: _____

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

Observer's name: M. PIERCY Observer firm COASTWISE CONSULTING

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: SAVANNAH

CONTRACT #: W912HN-05-C-0002 Maintenance X /New Work ____ PROJECT start date 2/18/05

PROJECT NAME: MAINTENANCE DREDGING - BRUNSWICK DREDGE NAME: B.E. LINDHOLM

DREDGE FIRM: WEEKS MARINE

LOAD #: 22 LOAD start date: 2/21/05 Times (24hrs): Start 0848 End 0918

Condition of screening: FOREWARD: good MID: good AFT: good Overflow good

Number of dragheads in use: 1 Type of dragheads used: IHC Size of dragheads: 9'

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

Type of material dredged: Sand, Silt, Mud

Weather conditions: CLEAR & 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: 1.0 ft Wind (speed & direction): SE 8 KTS

AIR TEMP: 66 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

SCREEN TYPE						
X	Inflow screening:	None	25%	50%	75%	100%
X	Overflow screening:	None	25%	50%	75%	100%
—	Other screening:	None	25%	50%	75%	100%

FORE: SCREEN CONTENTS: Rope, Rocks, wood

MID: Rocks

AFT: SCREEN CONTENTS: ____

OVERFLOW: wood, plastic

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 X

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: Jim Dickey Observer firm COASTWISE CONSULTING

Observer signature Jim Dickey

Endangered Species Observer Program
LOAD DATA FORM

Project Name: MAINTENANCE DREDGING BRUNSWICK USACE District: SAVANNAH

Dredge Name: B.E. Lindholm Dredge Firm: WEEKS MARINE

Date 2 / 21 / 05 LOAD #: 23

Times (24hrs): Start 1145 End 1205 Dump 1326

Location, Lat/Long: N 31° 06 .490 W 81° 26 .104
31 06 .425 N 81 27.510 W

Condition of screening : Port good Starboard good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: ___

Type of material dredged: sand, mud, silt
Weather conditions: overcast

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

Beaufort Sea States (Enter BSS 1-8) 2 Wave Height: 1' ft

Wind (speed & direction): SE@15knots AIR TEMP: 68 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/(°F) Column (mid-depth) ___ °C/°F Bottom ___ °C/°F

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

PORT SCREEN CONTENTS: ROCKS

STARBOARD SCREEN CONTENTS: ROCKS

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: * RIGHT WHALE SIGHTED ON RETURN FROM DUMP

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

Observer's Name: MEGHAN PIERCY Observer firm Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Bar Channel **USACE District:** SAVANNAH

Dredge Name: B.E. LINDHOLM **Dredge Firm:** WEEKS MARINE

Date 02 / 21 / 05 **LOAD #:** 24

Times (24hrs): Start 1436 End 1456 Dump 1606

Start end 31°06.490N – 81°26.124W

Location, Lat/Long: N 31°06.425N – 81°27.510W W _____ _____._____

Condition of screening : Port good Starboard good Overflow good

Number of dragheads in use: 1 **Type of dragheads used:** IHC **Size of dragheads:** 9'

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

Type of material dredged: sand mud, silt

Weather conditions: P/C, BSS 3-4

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

Beaufort Sea States (Enter BSS 1-8) _____ **Wave Height:** 2 ft

Wind (speed & direction): SE@15 **AIR TEMP:** 71 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/°F Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

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

PORT SCREEN CONTENTS: ROCKS

STARBOARD SCREEN CONTENTS: ROCKS

Estimate number entrained on this load for the following:

Sturgeon (any species) _____
Shark (any species) _____
Horseshoe crab 1 in overflow
Blue crab _____

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

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

Comments: Overflow = wood, seawhip, clearnose skate

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

Observer's Name: MEGHAN PIERCY **Observer firm** COASTWISE CONSULTIN

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick ~~[illegible]~~ Maintenance Dredging **USACE District:** SAVANNAH

Dredge Name: B.E. LINDHOLM **Dredge Firm:** WEERS MARINE

Date 2 / 21 / 05 **LOAD #:** 25

Times (24hrs): Start 1721 End 1743 Dump 1850

Location, Lat/Long: N 31 06 .490 W 81° 26.124W
31 06 .425 81 27 .510W

Condition of screening : Port good Starboard good Overflow good

Number of dragheads in use: 1 **Type of dragheads used:** IHC **Size of dragheads:** 9'
Draghead deflector? YES X NO ___ **Condition of deflector:** good

Type of material dredged: sand, silt, mud
Weather conditions: PIC, BSS 3

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

Beaufort Sea States (Enter BSS 1-8) 3 **Wave Height:** 2 ft

Wind (speed & direction): SE @ 10 **AIR TEMP:** 71 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

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

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

PORT SCREEN CONTENTS: Rocks

STARBOARD SCREEN CONTENTS: Rocks

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: overflow = 2 Hs crab

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

Observer's Name: MEGHAN PIERCY **Observer firm** COASTWISE CONSULTING

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Maintenance **USACE District:** Savannah

Dredge Name: B.E. Lindholm **Dredge Firm:** WEEKS MARINE

Date 2 / 21 / 05 **LOAD #:** 26

Times (24hrs): **Start** 2109 **End** 2143 **Dump** 0005

Location, Lat/Long: N 31°06.425 (3106.490) W 81°27.510W (81°26.124W)

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

Number of dragheads in use: 1 **Type of dragheads used:** IHC **Size of dragheads:** 9'
Draghead deflector? YES X NO ___ **Condition of deflector:** good

Type of material dredged: sand, mud, silt
Weather conditions:

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

Beaufort Sea States (Enter BSS 1-8) ___ **Wave Height:** ___ ft

Wind (speed & direction): SE @10 **AIR TEMP:** 85 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/(F) **Column (mid-depth)** ___ °C/°F **Bottom** ___ °C/°F

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

PORT SCREEN CONTENTS: clear

STARBOARD SCREEN CONTENTS:

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø
Shark (any species) Ø
Horseshoe crab 3
Blue crab 2

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: overflow: wood, 3 HS crab, 2 blue crab
dragheads: shrimp net, rope, crab pot

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

Observer's Name: MEGHAN PIERCY **Observer firm** Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Maintenance Dredging **USACE District:** Savannah

Dredge Name: B.E. Lindholm **Dredge Firm:** Weeks Marine

Date 02/22/05 **LOAD #:** 27

Times (24hrs): **Start** 0237 **End** 0301 **Dump** 0511

Location, Lat/Long: N 3106.510 / 3106.486 W 81 26.139 / 81 27.566

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

Number of dragheads in use: 1 **Type of dragheads used:** IHC **Size of dragheads:** 9'
Draghead deflector? YES X NO ___ **Condition of deflector:** ___

Type of material dredged: Mud, Silt, Sand
Weather conditions: Hazy, Calm

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

Beaufort Sea States (Enter BSS 1-8) 2 **Wave Height:** 1' ft

Wind (speed & direction): S 10 **AIR TEMP:** 62 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/°F **Column (mid-depth)** ___ °C/°F **Bottom** ___ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: CLEAR

STARBOARD SCREEN CONTENTS: CLEAR

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

Comments: OVERFLOW: wood, plastic bag
Dragheads: Rope, crab wire

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

Observer's Name: Jim Dickey **Observer firm** Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Maintenance Dredging USACE District: Savannah

Dredge Name: B.E. Lindholm Dredge Firm: Weeks Marine

Date 02/22/05 LOAD #: 28

Times (24hrs): Start 0735 End 0754 Dump 0900

Location, Lat/Long: N 3106.372 3106.504 W 8127.464 8126.048

Condition of screening : Port Good Starboard Good Overflow Good

Number of dragheads in use: 1 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: Good

Type of material dredged: Sand, Silt, Mud
Weather conditions: Foggy, Calm

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

Beaufort Sea States (Enter BSS 1-8) 3 Wave Height: 1' ft

Wind (speed & direction): 510 AIR TEMP: 63 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/(°F) Column (mid-depth) ___ °C/°F Bottom ___ °C/°F

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

PORT SCREEN CONTENTS: CLEAR

STARBOARD SCREEN CONTENTS: CLEAR

Estimate number entrained on this load for the following:

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: OVERflow: wood, plastic bags
DRAGHEAD: Rope, Net, CRAB WIRE

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

Observer's Name: Jim Dickey Observer firm Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Maintenance Dredging **USACE District:** Savannah

Dredge Name: BE Lindholm **Dredge Firm:** Weeks Marine

Date 02 / 22 / 05 **LOAD #:** 29

Times (24hrs): Start 1021 **End** 1049 **Dump** 1341

Location, Lat/Long: N 3106.358 3106.341 **W** 8126.401 8126.600

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

Number of dragheads in use: 2 **Type of dragheads used:** IHC **Size of dragheads:** 9'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: sand, silt, mud - pretty organic + smelly
Weather conditions: hazy, calm, P/C

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

Beaufort Sea States (Enter BSS 1-8) 1 **Wave Height:** <1 **ft**

Wind (speed & direction): SW @ <5 **AIR TEMP:** 70° °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/°F **Column (mid-depth)** ___ °C/°F **Bottom** ___ °C/°F

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

PORT SCREEN CONTENTS: clear

STARBOARD SCREEN CONTENTS:

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø
Shark (any species)
Horseshoe crab 2
Blue crab 1

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: 2 HS Crab on overflow + wood draghead = cable

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

Observer's Name: Jim Dickey, Meghan Pieray **Observer firm** Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: BRUNSWICK MAINTENANCE **USACE District:** SAVANNAH

Dredge Name: B.E. LINDHOLM **Dredge Firm:** WEEKS MARINE

Date 2 / 22 / 05 **LOAD #:** 30

Times (24hrs): Start _____ **End** 1312 **Dump** 1341

Location, Lat/Long: N 31 06.358 / 31 06.341 **W** 81°26.401 / 81 26.600

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

Number of dragheads in use: 2 **Type of dragheads used:** IHC **Size of dragheads:** 9'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: material is highly organic + smelly
Weather conditions: hazy, calm, p/c

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

Beaufort Sea States (Enter BSS 1-8) 0-1 **Wave Height:** Ø ft

Wind (speed & direction): Ø **AIR TEMP:** 72 °C / °F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C / °F **Column (mid-depth)** _____ °C / °F **Bottom** _____ °C / °F

SCREEN TYPE

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

PORT SCREEN CONTENTS: rocks

STARBOARD SCREEN CONTENTS:

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: overflow = flounder, wood, 2 HS crab

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

Observer's Name: MEGHAN PIERCY **Observer firm** COASTWISE CONSULTING

Endangered Species Observer Program
LOAD DATA FORM

Project Name: BRUNSWICK MAINTENANCE **USACE District:** SAVANNAH

Dredge Name: B.E. LINDHOLM **Dredge Firm:** WEEKS MARINE

Date 2 / 22 / 05 **LOAD #:** 31

Times (24hrs): Start _____ **End** 1612 **Dump** 1634

Location, Lat/Long: N 31.06.490 31.06.425 N. **W** 81° 26.124 81.27.510 W.

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

Number of dragheads in use: 2 **Type of dragheads used:** IHC **Size of dragheads:** 9'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: rich organic matter, sand, mud
Weather conditions: P/C, BSS 2, SE @ 5-10

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

Beaufort Sea States (Enter BSS 1-8) 2 **Wave Height:** 1 **ft**

Wind (speed & direction): SE @ 5-10 **AIR TEMP:** 75 **°C/°F** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 **°C/°F** **Column (mid-depth)** _____ **°C/°F** **Bottom** _____ **°C/°F**

SCREEN TYPE

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

PORT SCREEN CONTENTS: rocks

STARBOARD SCREEN CONTENTS:

Estimate number entrained on this load for the following:

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X
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: MEGHAN PIERCY **Observer firm** COASTWISE CONSULTING

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Maintenance **USACE District:** Savannah

Dredge Name: B.E. Lindholm **Dredge Firm:** Weeks Marine

Date 2 / 22 / 05 **LOAD #:** 32

Times (24hrs): Start 3106490 N / 3106425 **End** 1900 **Dump** 1934

Location, Lat/Long: N _____ . _____ **W** 81 26.124 / 81 27.510 W

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

Number of dragheads in use: 2 **Type of dragheads used:** IHC **Size of dragheads:** 9
Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: very organic mud + silt
Weather conditions: overcast, light rain

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

Beaufort Sea States (Enter BSS 1-8) 1 **Wave Height:** <1 **ft**

Wind (speed & direction): S @ 10-15 **AIR TEMP:** 71 **°C / °F** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 **°C / °F** **Column (mid-depth)** _____ **°C / °F** **Bottom** _____ **°C / °F**

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

PORT SCREEN CONTENTS: rocks

STARBOARD SCREEN CONTENTS:

Estimate number entrained on this load for the following:

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES _____ **NO** X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

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

Observer's Name: M. Piercy **Observer firm** ~~[illegible]~~ Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Mantenance **USACE District:** Savannah

Dredge Name: B.E. Lindholm **Dredge Firm:** Weeks Marine

Date 2 / 22 / 05 **LOAD #:** 33

Times (24hrs): Start 2218 **End** 2251 **Dump** 0003

Location, Lat/Long: N 31 06.490 / 31 06.425 N **W** 81 26.124 / 81 27.510 W

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

Number of dragheads in use: 2 **Type of dragheads used:** IHC **Size of dragheads:** 9'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: very organic mud
Weather conditions: Calm, mostly cloudy

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

Beaufort Sea States (Enter BSS 1-8) 1 **Wave Height:** calm ft

Wind (speed & direction): calm **AIR TEMP:** 70 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/(F) **Column (mid-depth)** ___ °C/°F **Bottom** ___ °C/°F

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

PORT SCREEN CONTENTS: Rocks

STARBOARD SCREEN CONTENTS: Rocks

Estimate number entrained on this load for the following:

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: OVERFLOW: wood, 2-Blue crabs

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

Observer's Name: M. Piercy / J. Dickey **Observer firm** Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: BRUNSWICK - MAINTENANCE USACE District: SAVANNAH

Dredge Name: B.E. Lindholm Dredge Firm: WEEKS MARINE

Date 02 / 23 / 05 LOAD #: 34

Times (24hrs): Start 0115 End 0135 Dump 0258

Location, Lat/Long: N 31 06.484 / 31 06.301 W 81 26.156 / 81 27.169

Condition of screening : Port Good Starboard Good Overflow Good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: ___

Type of material dredged: Sand, silt, Mud
Weather conditions: CLEAR, CALM

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

Beaufort Sea States (Enter BSS 1-8) 1 Wave Height: CALM ft

Wind (speed & direction): SW5 AIR TEMP: 67 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/°F Column (mid-depth) ___ °C/°F Bottom ___ °C/°F

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

PORT SCREEN CONTENTS: ROCKS

STARBOARD SCREEN CONTENTS: ROCKS

Estimate number entrained on this load for the following:
- Sturgeon (any species) ___
- Shark (any species) ___
- Horseshoe crab 2
- Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: OVERFLOW: wood, plastic, HORSE SHOE CRABS

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

Observer's Name: Jim DICKEY Observer firm COASTWISE CONSULTING

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick-Maintenance **USACE District:** Savannah

Dredge Name: B. E. Lindholm **Dredge Firm:** Weeks Marine

Date 02/23/05 **LOAD #:** 35

Times (24hrs): Start 0401 **End** 0413 **Dump** 0642

Location, Lat/Long: N 31 06.253 **W** 81 22.106
31 06.389 81 26.485

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

Number of dragheads in use: 2 **Type of dragheads used:** IHC **Size of dragheads:** 9'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud, silt, sand
Weather conditions: Foggy, calm

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

Beaufort Sea States (Enter BSS 1-8) 1 **Wave Height:** 1' **ft**

Wind (speed & direction): SW5 **AIR TEMP:** 60 **°C/°F** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 **°C/°F Column (mid-depth)** ___ **°C/°F Bottom** ___ **°C/°F**

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

PORT SCREEN CONTENTS: Rocks

STARBOARD SCREEN CONTENTS: Rocks, cable

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	1
Blue crab	2

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: OVERflow: wood, Blue crab, skate

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

Observer's Name: J. Dickey **Observer firm** Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: BRUNSWICK-MAINTENANCE USACE District: SAVANNAH

Dredge Name: B.E. Lindholm Dredge Firm: WEEKS MARINE

Date 02 / 23 / 05 LOAD #: 36

Times (24hrs): Start 0910 End 0943 Dump _____

Location, Lat/Long: N 31 06.365 / 31 06.322 W 81 26.420 / 81 26.603

Condition of screening : Port Good Starboard Good Overflow Good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: _____

Type of material dredged: Sand, Mud, SiH
Weather conditions: Foggy, Calm

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

Beaufort Sea States (Enter BSS 1-8) 1 Wave Height: Calm ft

Wind (speed & direction): SS AIR TEMP: 60 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/°F Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: Rocks

STARBOARD SCREEN CONTENTS: _____

Estimate number entrained on this load for the following:

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Overflow - 1 clearnose, 2 blue crab

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

Observer's Name: J. DICKEY / M. PIERCY Observer firm: COASTWISE CONSULTING

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Maintenance USACE District: Savannah

Dredge Name: B.E. Lindholm Dredge Firm: Weeks Marine

Date 2 / 23 / 05 LOAD #: 37

Times (24hrs): Start 1306 End 1321 Dump 1443

Location, Lat/Long: N 31° 06.365 W 81° 26.420

Condition of screening : Port good Starboard good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: good

Type of material dredged: organic mud,
Weather conditions: fog - thick fog

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

Beaufort Sea States (Enter BSS 1-8) 0 Wave Height: ___ ft

Wind (speed & direction): Ø AIR TEMP: 68 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C °F Column (mid-depth) ___ °C / °F Bottom ___ °C / °F

SCREEN TYPE

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

PORT SCREEN CONTENTS: rocks

STARBOARD SCREEN CONTENTS:

Estimate number entrained on this load for the following:
Sturgeon (any species) ___
Shark (any species) ___
Horseshoe crab 1
Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: overflow = wood, sea whip, Hs crab

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

Observer's Name: M. Piercy Observer firm Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Deepening **USACE District:** Savannah

Dredge Name: B. E. Lindholm **Dredge Firm:** Weeks Marine

Date 2 / 23 / 05 **LOAD #:** 38

Times (24hrs): Start 1614 **End** 1654 **Dump** 1839

Location, Lat/Long: N 31° 06.365 **W** 81.26.420

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

Number of dragheads in use: 2 **Type of dragheads used:** IHC **Size of dragheads:** 9'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: organic mud
Weather conditions: fog + thick fog.

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

Beaufort Sea States (Enter BSS 1-8) 0 **Wave Height:** ___ ft

Wind (speed & direction): Ø **AIR TEMP:** 64 °C (°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C (°F) **Column (mid-depth)** ___ °C / °F **Bottom** ___ °C / °F

SCREEN TYPE

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

PORT SCREEN CONTENTS: rock

STARBOARD SCREEN CONTENTS:

Estimate number entrained on this load for the following:

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: overflow = sea whips, wood

M. PERCY

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

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Deepening USACE District: Savannah

Dredge Name: B.E. Lindholm Dredge Firm: Weeks Marine

Date 2 / 23 / 05 LOAD #: 39

Times (24hrs): Start 2053 End 2209 Dump 0007

Location, Lat/Long: N 31 06 .365 W 81 26 .420

Condition of screening : Port good Starboard good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: good

Type of material dredged: organic mud
Weather conditions: fog, 5 @ 10-15

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

Beaufort Sea States (Enter BSS 1-8) 1 Wave Height: CALM ft

Wind (speed & direction): ___ AIR TEMP: 63 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/°F Column (mid-depth) ___ °C/°F Bottom ___ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: Rocks

STARBOARD SCREEN CONTENTS: Rocks

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 X
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: M. Pherey Observer firm Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: BRUNSWICK-MAINTENANCE USACE District: SAVANNAH

Dredge Name: B.E. Lindholm Dredge Firm: WEEKS MARINE

Date 02/24/05 LOAD #: 40

Times (24hrs): Start 0203 End 0226 Dump _____

Location, Lat/Long: N 31 06.365 W 81 26.420
31 06.360 81 27.335

Condition of screening : Port Good Starboard Good Overflow Good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: Good

Type of material dredged: Mud, Silt, Sand
Weather conditions: Foggy, RAIN - S@10

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

Beaufort Sea States (Enter BSS 1-8) _____ Wave Height: _____ ft

Wind (speed & direction): SW 10 AIR TEMP: 6' °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/°F Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

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

PORT SCREEN CONTENTS: Rocks

STARBOARD SCREEN CONTENTS: Rocks

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: overflow: wood, 1-skate

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

Observer's Name: J. Dickey Observer firm Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: BRUNSWICK-MAINTENANCE **USACE District:** SAVANNAH

Dredge Name: B.E. Lindholm **Dredge Firm:** WEEKS MARINE

Date 02/24/05 **LOAD #:** 41

Times (24hrs): Start 0622 **End** 0645 **Dump** 0827

Location, Lat/Long: N 31 06.339 **W** 81 27.383
31 06.365 81 26.420

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

Number of dragheads in use: 2 **Type of dragheads used:** IHC **Size of dragheads:** 9'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud, sand, silt
Weather conditions: HAZY, CALM, Fog

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

Beaufort Sea States (Enter BSS 1-8) 1 **Wave Height:** FLAT ft

Wind (speed & direction): SW 5 **AIR TEMP:** 66 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/°F **Column (mid-depth)** ___ °C/°F **Bottom** ___ °C/°F

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

PORT SCREEN CONTENTS: Rocks, Rubber Boot

STARBOARD SCREEN CONTENTS: Rocks

Estimate number entrained on this load for the following:

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: OVERFLOW: wood, 1-BLUE CRAB

OBSERVER: J. DICKEY

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

Endangered Species Observer Program
LOAD DATA FORM

Project Name: BRUNSWICK-MAINTENANCE **USACE District:** SAVANNAH

Dredge Name: B.E. Lindholm **Dredge Firm:** WEEKS MARINE

Date 02/24/05 **LOAD #:** 42

Times (24hrs): Start 1015 **End** 1043 **Dump** 1203

Location, Lat/Long: N 31 06.490 / 31 06.415 **W** 81 26.373 / 81 27.492

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

Number of dragheads in use: 2 **Type of dragheads used:** IHC **Size of dragheads:** 91
Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Sand, Silt, Mud
Weather conditions: Foggy, calm

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

Beaufort Sea States (Enter BSS 1-8) 1 **Wave Height:** calm **ft**

Wind (speed & direction): SW5 **AIR TEMP:** 65 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/(°F) **Column (mid-depth)** ___ °C/°F **Bottom** ___ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: rocks

STARBOARD SCREEN CONTENTS:

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø
Shark (any species)
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: overflow = 2 HS crab, wood, sea whip
* Northern Right Whale N of disposal

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

Observer's Name: J. DICKEY / M. PIERCY **Observer firm** Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Maintenance USACE District: Savannah

Dredge Name: B. E. Lindholm Dredge Firm: Weeks Marine

Date 2 / 24 / 05 LOAD #: 43

Times (24hrs): Start 1333 End 1401 Dump 1516

Location, Lat/Long: N 31 06 .339 W 81 27 . 383

Condition of screening : Port good Starboard good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: good

Type of material dredged: organic mud
Weather conditions: hazy, calm, intermittent rain

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

Beaufort Sea States (Enter BSS 1-8) ___ Wave Height: ___ ft

Wind (speed & direction): SE @<5 AIR TEMP: 68 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/°F Column (mid-depth) ___ °C/°F Bottom ___ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: rocks, scrap metal

STARBOARD SCREEN CONTENTS: ↓

Estimate number entrained on this load for the following:

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: overflow - sea whip, wood

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

Observer's Name: M. PIERCY Observer firm Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Maintenance USACE District: Savannah

Dredge Name: B.E. Lindholm Dredge Firm: Weeks Marine

Date 2/24/05 LOAD #: 44

Times (24hrs): Start 1636 End 1735 Dump 1926

Location, Lat/Long: N 31 06.339 W 81 27.383

Condition of screening : Port good Starboard good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: good

Type of material dredged: organic mud
Weather conditions: PC, intermittent rain

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

Beaufort Sea States (Enter BSS 1-8) 2 Wave Height: <2 ft

Wind (speed & direction): SW AIR TEMP: 69 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/°F Column (mid-depth) ___ °C/°F Bottom ___ °C/°F

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

PORT SCREEN CONTENTS: rocks

STARBOARD SCREEN CONTENTS:

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

Comments: overflow = wood, sea whips

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

Observer's Name: M. PIERCY Observer firm Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Maintenance **USACE District:** Savannah

Dredge Name: B. E. Lindholm **Dredge Firm:** Weeks Marine

Date 2/24/05 **LOAD #:** 45

Times (24hrs): Start 2158 **End** 2230 **Dump** 0040

Location, Lat/Long: N 31 06.339 **W** 81 27.383

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

Number of dragheads in use: 2 **Type of dragheads used:** IHC **Size of dragheads:** 9'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: organic mud
Weather conditions: intermittent rain,

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

Beaufort Sea States (Enter BSS 1-8) ___ **Wave Height:** ___ ft

Wind (speed & direction): SW @ 5 **AIR TEMP:** 60 °C/°F(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50.5 °C (°F) **Column (mid-depth)** ___ °C / °F **Bottom** ___ °C / °F

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

PORT SCREEN CONTENTS: Rocks

STARBOARD SCREEN CONTENTS: Rocks

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

Comments: OVERflow: wood

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

Observer's Name: M. PIERCY **Observer firm** Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: BRUNSWICK MAINTENANCE USACE District: SAVANNAH

Dredge Name: B.E. Lindholm Dredge Firm: WEEKS MARINE

Date 02/25/05 LOAD #: 46

Times (24hrs): Start 0246 End 0312 Dump 0514

Location, Lat/Long: N 31 06.339 W 81 27.388

Condition of screening : Port Good Starboard Good Overflow Good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: Good

Type of material dredged: SAND, SILT, MUD
Weather conditions: CLEAR, CALM

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

Beaufort Sea States (Enter BSS 1-8) 2 Wave Height: 1' ft

Wind (speed & direction): NE 10 AIR TEMP: 60 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/°F Column (mid-depth) ___ °C/°F Bottom ___ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: ROCKS

STARBOARD SCREEN CONTENTS: ROCKS

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: OVERFLOW: WOOD

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

Observer's Name: J. DICKEY Observer firm: Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Maintenance USACE District: Savannah

Dredge Name: B.E. Lindholm Dredge Firm: Weeks Marine

Date 02/25/05 LOAD #: 47

Times (24hrs): Start 0719 End 0742 Dump 0852

Location, Lat/Long: N 31 06 .339 (363) W 81 27 .388 (422)

Condition of screening : Port Good Starboard Good Overflow Good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: Good

Type of material dredged: Sand, Silt, Mud
Weather conditions: ___

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

Beaufort Sea States (Enter BSS 1-8) 4 Wave Height: 4 ft

Wind (speed & direction): NE 15-20 AIR TEMP: 56 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/°F Column (mid-depth) ___ °C/°F Bottom ___ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: Rocks

STARBOARD SCREEN CONTENTS: Rocks

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

Comments: overflow: wood

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

Observer's Name: J. Dickey Observer firm Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: BRUNSWICK MAINTENANCE USACE District: SAVANNAH

Dredge Name: B.E. Lindholm Dredge Firm: WEEKS MARINE

Date 02 / 25 / 05 LOAD #: 48

Times (24hrs): Start 1001 End 1032 Dump 1143

Location, Lat/Long: N 31 06 .339 W 81 26 .388

Condition of screening : Port Good Starboard Good Overflow Good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: Good

Type of material dredged: Mud, Sand, Silt
Weather conditions: windy, HAZY

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

Beaufort Sea States (Enter BSS 1-8) 4 Wave Height: 4-5 ft

Wind (speed & direction): NE 15-20 AIR TEMP: 58 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/°F Column (mid-depth) ___ °C/°F Bottom ___ °C/°F

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

PORT SCREEN CONTENTS: rocks

STARBOARD SCREEN CONTENTS: ?

Estimate number entrained on this load for the following:

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: (SLOW BELL TONIGHT)
WHALE SURVEY PLANE IS NOT FLYING TODAY!

OBSERVER: J. DICKEY / M. PIERCY

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Deepening **USACE District:** Savannah

Dredge Name: B.E. Lindholm **Dredge Firm:** Weeks Marine

Date 2 / 25 / 05 **LOAD #:** 49

Times (24hrs): Start 1330 **End** 1420 **Dump** 1524

Location, Lat/Long: N 31 06 .339 **W** 81 26 .388

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

Number of dragheads in use: 2 **Type of dragheads used:** IHC **Size of dragheads:** 9'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: organic mud - very stinky
Weather conditions: N @ 15-20, BSS 5-6, overcast + rain

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

Beaufort Sea States (Enter BSS 1-8) 5-6 **Wave Height:** 5 **ft**

Wind (speed & direction): N @ 15-20 **AIR TEMP:** 55 **°C/°F** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50.5 **°C/°F Column (mid-depth)** ___ **°C/°F Bottom** ___ **°C/°F**

SCREEN TYPE

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

PORT SCREEN CONTENTS: rock

STARBOARD SCREEN CONTENTS: ↓

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø
Shark (any species)
Horseshoe crab 3
Blue crab 1

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: overflow = wood, 3 HS crab, 1 blue crab, sea whip

dredge sailed slow bell since weather is BSS 3+ and Right Whales were seen in this area within 24 ~~hrs~~ hours.

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

Observer's Name: M. PIERCY **Observer firm** Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Maintenance **USACE District:** Savannah

Dredge Name: B.E. Lindholm **Dredge Firm:** Weeks Marine

Date 2 / 25 / 05 **LOAD #:** 50

Times (24hrs): Start 1608 End 1637 Dump 1722

Location, Lat/Long: N 31 06 . 760 W 81 21 . 280
31 06 462 81 20 799

Condition of screening : Port good Starboard good Overflow good

Number of dragheads in use: 2 **Type of dragheads used:** IHC **Size of dragheads:** 9'
Draghead deflector? YES X NO ___ **Condition of deflector:** good

Type of material dredged: Sand
Weather conditions: N @ 15-20 knt, overcast, rain

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

Beaufort Sea States (Enter BSS 1-8) 5-6 **Wave Height:** 5' ft

Wind (speed & direction): N @ 15-20 **AIR TEMP:** 54 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50.5 °C/°F **Column (mid-depth)** _____ °C/°F **Bottom** _____ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: boots

STARBOARD SCREEN CONTENTS:

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Just started dredging Section 3

14:55 4 Tt 31 06.481 / 81 20.844
15:12 6 Tt 31 04.495 / 81 17.341
16:53 4 Tt 31 05.811 / 81.19.777

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

Observer's Name: M. PIERCY **Observer firm** Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Maintenance USACE District: Savannah

Dredge Name: B.E. Lindholm Dredge Firm: Weeks Marine

Date 2 / 25 / 05 LOAD #: 51

Times (24hrs): Start 1815 End 1906 Dump 2025

Location, Lat/Long: N 31 06 760 / 31 06 .462 W 81 21 280 / 81 20 .799

Condition of screening : Port good Starboard good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES 1 NO ___ Condition of deflector: good

Type of material dredged: sand
Weather conditions: overcast, BSS 5/6, N@15-20

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

Beaufort Sea States (Enter BSS 1-8) 5-6 Wave Height: 5 ft

Wind (speed & direction): N@15-20 AIR TEMP: 52 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50.5 °C/°F Column (mid-depth) ___ °C/°F Bottom ___ °C/°F

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

PORT SCREEN CONTENTS: clear / 1 Hs crab

STARBOARD SCREEN CONTENTS:

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø
Shark (any species)
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: overflow = Ø

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

Observer's Name: M. PIERCY Observer firm Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Deepening **USACE District:** Savannah

Dredge Name: B.E. Lindholm **Dredge Firm:** Weeks Marine

Date 2/25/05 **LOAD #:** 52

Times (24hrs): Start 2138 End 2248 Dump 0005

Location, Lat/Long: N 3106.760N / 81°21.28W 3106.462N / 81°20.799W

Condition of screening : Port good Starboard good Overflow good

Number of dragheads in use: 2 **Type of dragheads used:** IHC **Size of dragheads:** 9'
Draghead deflector? YES X NO ___ **Condition of deflector:** good

Type of material dredged: sand
Weather conditions: overcast BSS 5-6, N@20

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

Beaufort Sea States (Enter BSS 1-8) ___ **Wave Height:** ___ ft

Wind (speed & direction): N@20 **AIR TEMP:** 52 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50.5 °C/°F Column (mid-depth) ___ °C/°F Bottom ___ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: CLEAR

STARBOARD SCREEN CONTENTS: CLEAR

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

Comments: OVERFLOW: Ø

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

Observer's Name: M. PIERCY **Observer firm** Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: BRUNSWICK MAINTENANCE USACE District: SAVANNAH

Dredge Name: B.E. Lindholm Dredge Firm: WEEKS MARINE

Date 02 / 26 / 05 LOAD #: 53

Times (24hrs): ~~Start~~ 31 06.760 8121.782 ~~End~~ 31 06.462 8120.799 ~~Dump~~ 0330

Location, Lat/Long: N start 0109 ____.____ 0218 End W ____ ____.____ Dump

Condition of screening : Port Good Starboard Good Overflow Good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: Good

Type of material dredged: SAND
Weather conditions: N-20 5-6' SEAS

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

Beaufort Sea States (Enter BSS 1-8) 5 Wave Height: _____ ft

Wind (speed & direction): _____ AIR TEMP: 56 °C/°F(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/°F Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

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

PORT SCREEN CONTENTS: CLEAR

STARBOARD SCREEN CONTENTS: CLEAR

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: OVERflow: Ø

OBSERVER: J. DICKEY

Endangered Species Observer Program
LOAD DATA FORM

Project Name: BRUNSWICK MAINTENANCE USACE District: SAVANNAH

Dredge Name: B.E. Lindholm Dredge Firm: WEEKS MARINE

Date 02/26/05 LOAD #: 54

Times (24hrs): Start 0432 End 0541 Dump 0651

Location, Lat/Long: N 31 06.760 / 31 06.462 W 81 21.782 / 81 20.799

Condition of screening : Port Good Starboard Good Overflow Good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: Good

Type of material dredged: SAND
Weather conditions: N20 5-6' SEAS

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

Beaufort Sea States (Enter BSS 1-8) ___ Wave Height: ___ ft

Wind (speed & direction): ___ AIR TEMP: 60 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

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

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

PORT SCREEN CONTENTS: CLEAR

STARBOARD SCREEN CONTENTS: CLEAR

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: OVERflow: Ø

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

Observer's Name: J. DICKEY Observer firm Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: BRUNSWICK MAINTENANCE USACE District: SAVANNAH

Dredge Name: B.E. Lindholm Dredge Firm: WEEKS MARINE

Date 02/26/05 LOAD #: 55

Times (24hrs): Start 0732 End 0844 Dump 0927

Location, Lat/Long: N 31 06.462 (31 06.762) W 81 20.799 (81 21.782)

Condition of screening : Port Good Starboard Good Overflow Good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: Good

Type of material dredged: SAND
Weather conditions: NE 20 5-6' SEAS

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

Beaufort Sea States (Enter BSS 1-8) 5 Wave Height: ___ ft

Wind (speed & direction): ___ AIR TEMP: 60 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C (°F) Column (mid-depth) ___ °C/°F Bottom ___ °C/°F

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

PORT SCREEN CONTENTS: CLEAR

STARBOARD SCREEN CONTENTS: CLEAR

Estimate number entrained on this load for the following:
- Sturgeon (any species) ___
- Shark (any species) ___
- Horseshoe crab 2
- Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: OVERFLOW: Ø

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

Observer's Name: J. DICKEY Observer firm Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: BRUNSWICK MAINTENANCE USACE District: SAVANNAH

Dredge Name: B. E. Lindholm Dredge Firm: WEEKS MARINE

Date 02/26/05 LOAD #: 56

Times (24hrs): Start 1011 End 1145 Dump 1229

Location, Lat/Long: N 31 06.760 / 31 06.462 W 81 21.782 / 81 20.799

Condition of screening : Port Good Starboard Good Overflow Good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: Good

Type of material dredged: SAND
Weather conditions: NE 20 5-6' SEAS

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

Beaufort Sea States (Enter BSS 1-8) 5 Wave Height: _____ ft

Wind (speed & direction): NE@ AIR TEMP: 56 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/°F Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: 2 HS crab, 1 Stargazer.

STARBOARD SCREEN CONTENTS: _____

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø
Shark (any species) _____
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: overflow = wood

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

Observer's Name: J. DICKEY / M. PIERCY Observer firm: COASTWISE Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Deepening **USACE District:** Savannah

Dredge Name: B.E. Lindholm **Dredge Firm:** Weeks Marine

Date 2/26/05 **LOAD #:** 57

Times (24hrs): Start 1312 **End** 1503 **Dump** 1549

Location, Lat/Long: N 31°06.720 31°06.462 . **W** 81.21.782 81.20.799 .

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

Number of dragheads in use: 2 **Type of dragheads used:** IHC **Size of dragheads:** 9'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Sand
Weather conditions: Overcast, BSS 5-6, NE@

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

Beaufort Sea States (Enter BSS 1-8) 5-6 **Wave Height:** 4-5 **ft**

Wind (speed & direction): ___ **AIR TEMP:** 56 **°C/°F** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50.4 **°C/°F** **Column (mid-depth)** ___ **°C/°F** **Bottom** ___ **°C/°F**

SCREEN TYPE

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

PORT SCREEN CONTENTS: scrap metal

STARBOARD SCREEN CONTENTS: ___

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Tt (3) 15:29 31 05.194 81 18.604 Cleanoseskate in draghead

Tt (10-15)(14:11) 31 03.501 81 17.062

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

Observer's Name: M. Piercy **Observer firm** Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Deepening **USACE District:** Savannah

Dredge Name: B.E. Lindholm **Dredge Firm:** Weeks Marine

Date 2 / 26 / 05 **LOAD #:** 58

Times (24hrs): Start 1633 **End** 1729 **Dump** 1819

Location, Lat/Long: N 31°06.720 31°06.462 **W** 81°21.782 81.20.799

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

Number of dragheads in use: 2 **Type of dragheads used:** ITC **Size of dragheads:** 9'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: sand
Weather conditions: overcast, BSS 5, NNE@20 knts

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

Beaufort Sea States (Enter BSS 1-8) 5 **Wave Height:** ___ **ft**

Wind (speed & direction): NNE@20 **AIR TEMP:** 56° **°C / °F** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50.4 **°C / °F Column (mid-depth)** ___ **°C / °F Bottom** ___ **°C / °F**

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

PORT SCREEN CONTENTS: ___

STARBOARD SCREEN CONTENTS: ___

Estimate number entrained on this load for the following:

Sturgeon (any species)	Ø
Shark (any species)	
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: overflow = wood, 1 HS crab
Dragheads - 1 HS Crab in Vision

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

Observer's Name: M. Pleroy **Observer firm** Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Deepening USACE District: Savannah

Dredge Name: B.E. Lindholm Dredge Firm: Weeks Marine

Date 2/26/05 LOAD #: 59

Times (24hrs): Start 1902 End 2014 Dump 2058

Location, Lat/Long: N 31°06.720 / 31°06.462 W 81°21.782 / 81°20.799

Condition of screening : Port good Starboard good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: good

Type of material dredged: sand
Weather conditions: overcast, BSS 5, NNE@20 kts

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

Beaufort Sea States (Enter BSS 1-8) ___ Wave Height: 4 ft

Wind (speed & direction): NNE@20kts AIR TEMP: ___ °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50.4 °C/°F Column (mid-depth) ___ °C/°F Bottom ___ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: clear

STARBOARD SCREEN CONTENTS:

Estimate number entrained on this load for the following:

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: HS crab overflow

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

Observer's Name: M. Piercy Observer firm Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Deepening **USACE District:** Savannah

Dredge Name: B.E. Lindholm **Dredge Firm:** Weeks Marine

Date 02/26/05 **LOAD #:** 60

Times (24hrs): Start 2159 **End** 2309 **Dump** 0000

Location, Lat/Long: N 31 06.760 / 31 06.462 **W** 81 21.782 / 81 20.799

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

Number of dragheads in use: 2 **Type of dragheads used:** IHC **Size of dragheads:** 9'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Sand
Weather conditions: ___

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

Beaufort Sea States (Enter BSS 1-8) 4-5 **Wave Height:** 4 **ft**

Wind (speed & direction): NNE @ 20 knots **AIR TEMP:** 58 **°C/°F** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50.4 **°C/°F Column (mid-depth)** ___ **°C/°F Bottom** ___ **°C/°F**

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

PORT SCREEN CONTENTS: clear

STARBOARD SCREEN CONTENTS: ___

Estimate number entrained on this load for the following:

- Sturgeon (any species) Ø
- Shark (any species) ___
- 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: dragheads = 1 HS crab

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

Observer's Name: M. Piercy / J. Dickey **Observer firm** Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: BRUNSWICK MAINTENANCE **USACE District:** SAVANNAH

Dredge Name: B.E. Lindholm **Dredge Firm:** WEEKS MARINE

Date 02/27/05 **LOAD #:** 61

Times (24hrs): Start 0040 **End** 0204 **Dump** 0248

Location, Lat/Long: N 31 06.462 (31 06.720) **W** 81 20.799 (81 20.782)

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

Number of dragheads in use: 2 **Type of dragheads used:** IHC **Size of dragheads:** 9'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: SAND
Weather conditions: NE 20-25 KTS 6' SEAS

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

Beaufort Sea States (Enter BSS 1-8) 5 **Wave Height:** ___ **ft**

Wind (speed & direction): ___ **AIR TEMP:** 63 **°C/°F** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 **°C/°F Column (mid-depth)** ___ **°C/°F Bottom** ___ **°C/°F**

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

PORT SCREEN CONTENTS: CLEAR

STARBOARD SCREEN CONTENTS: CLEAR

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

Comments: OVERFLOW: Ø

OBSERVER: J. DICKEY

Endangered Species Observer Program
LOAD DATA FORM

Project Name: BRUNSWICK MAINTENANCE USACE District: SAVANNAH

Dredge Name: B.E. Lindholm Dredge Firm: WEEKS MARINE

Date 02/27/05 LOAD #: 62

Times (24hrs): Start 0336 End 0447 Dump 0547

Location, Lat/Long: N 31 06.720 31 06.462 W 81 21.782 81 20.799

Condition of screening : Port Good Starboard Good Overflow Good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: Good

Type of material dredged: SAND
Weather conditions: NE 20-25 RAIN 6-7' SEAS

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

Beaufort Sea States (Enter BSS 1-8) 5 Wave Height: ___ ft

Wind (speed & direction): ___ AIR TEMP: 63 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/°F Column (mid-depth) ___ °C/°F Bottom ___ °C/°F

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

PORT SCREEN CONTENTS: CLEAR

STARBOARD SCREEN CONTENTS: CLEAR

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: OVERFLOW: Ø

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

Observer's Name: J. DICKEY Observer firm COASTWISE CONSULTING

Endangered Species Observer Program
LOAD DATA FORM

Project Name: BRUNSWICK MAINTENANCE USACE District: SAVANNAH

Dredge Name: B.E. Lindholm Dredge Firm: WEEKS MARINE

Date 02/27/05 LOAD #: 63

Times (24hrs): Start 0637 End 0749 Dump 09:08

Location, Lat/Long: N 31 06 .722 W 81 21 .782
31 06 .462 81 20 .799

Condition of screening : Port Good Starboard Good Overflow Good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: Good

Type of material dredged: SAND
Weather conditions: NE 20-25 6-7' SEAS

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

Beaufort Sea States (Enter BSS 1-8) 5 Wave Height: ___ ft

Wind (speed & direction): ___ AIR TEMP: 63 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50 °C/°F Column (mid-depth) ___ °C/°F Bottom ___ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: CLEAR

STARBOARD SCREEN CONTENTS: CLEAR

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

Comments: OVERFLOW: 0

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

Observer's Name: J. DICKEY Observer firm COASTWISE CONSULTING

Endangered Species Observer Program
LOAD DATA FORM

Project Name: BRUNSWICK MAINTENANCE USACE District: SAVANNAH

Dredge Name: B.E. LINDHOLM Dredge Firm: WEEKS MARINE

Date 02/27/05 LOAD #: 64

Times (24hrs): Start 09:56 End 11:11 Dump 11:53

Location, Lat/Long: N 31 06 .722 W 81 20 .782
31 06 .462 81 20 .799

Condition of screening : Port GOOD Starboard GOOD Overflow GOOD

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: GOOD

Type of material dredged: SAND
Weather conditions: ~~FAE~~ RAIN, VISIBILITY 1MI, 6-7' SEAS

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

Beaufort Sea States (Enter BSS 1-8) 5 Wave Height: _____ ft

Wind (speed & direction): NNE 20-25 KTS AIR TEMP: 58 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 51.5 °C/(F) Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

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

PORT SCREEN CONTENTS: Clear

STARBOARD SCREEN CONTENTS: Clear

Estimate number entrained on this load for the following:

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: overflow Ø

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

Observer's Name: Irene Briga Observer firm Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Deepening USACE District: Savannah

Dredge Name: B.E. Lindholm Dredge Firm: Weeks Marine

Date 2/27/05 LOAD #: 65

Times (24hrs): Start 1242 End 1420 Dump 1503

Location, Lat/Long: N 31 06.720 / 31 06.462 W 81 21.782 / 81 20.799

Condition of screening : Port good Starboard good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: good

Type of material dredged: sand
Weather conditions: overcast, rain, bss 5

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

Beaufort Sea States (Enter BSS 1-8) 5 Wave Height: ___ ft

Wind (speed & direction): NE@20 knots AIR TEMP: 58 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50.4 °C/°F Column (mid-depth) ___ °C/°F Bottom ___ °C/°F

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

PORT SCREEN CONTENTS: clear

STARBOARD SCREEN CONTENTS:

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: dragheads = clear
overflow = clear

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

Observer's Name: M. Piercy Observer firm Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Deepening USACE District: Savannah

Dredge Name: B.E. Lindholm Dredge Firm: Weeks Marine

Date 2 / 27 / 05 LOAD #: 66

Times (24hrs): Start 1559 End _____ Dump _____

Location, Lat/Long: N 31 06.720 / 31 06.462 W 81°21.782 / 81 20.799

Condition of screening : Port good Starboard good Overflow good

Number of dragheads in use: 2 Type of dragheads used: good Size of dragheads: good
Draghead deflector? YES X NO ___ Condition of deflector: good

Type of material dredged: sand, [redacted]
Weather conditions: SE@25-30 knots, driving rain,

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

Beaufort Sea States (Enter BSS 1-8) 5 Wave Height: _____ ft

Wind (speed & direction): SE@25-30knots AIR TEMP: 58 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50.4 °C/°F Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: 4 Hs crab

STARBOARD SCREEN CONTENTS:

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø
Shark (any species) Ø
Horseshoe crab 6
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: overflow = 2 Hs crab
dragheads = 1 flounder stuck in TED chains
last load before anchoring due to foul weather.

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

Observer's Name: M. PIERCY Observer firm Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Maintenance USACE District: Savannah

Dredge Name: B.E. Lindholm Dredge Firm: Weeks

Date 2 / 28 / 05 LOAD #: 67

Times (24hrs): Start 08:37 End 10:00 Dump ~~[illegible]~~ 10:46

Location, Lat/Long: N 31° 06. 414' 502' W 81° 20. 656 ~~842~~ (Section 3)

Condition of screening : Port good Starboard good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: good

Type of material dredged: primarily SAND w/ some shell fragment & clay
Weather conditions: Excellent visibility

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

Beaufort Sea States (Enter BSS 1-8) 3 Wave Height: 1-2 ft

Wind (speed & direction): 15-20 ~~W/SW~~ AIR TEMP: 55 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 51 °C/°F Column (mid-depth) ___ °C/°F Bottom ___ °C/°F

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

PORT SCREEN CONTENTS: whelk clay

STARBOARD SCREEN CONTENTS: 2 blue crabs 1 horseshoe crab

Estimate number entrained on this load for the following:
- Sturgeon (any species) 0
- Shark (any species) 0
- Horseshoe crab 10
- Blue crab 2

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: approx. 8 Horseshoe crabs in Landers cable line plus overflow.

1 T+ @ 08:55 31°06.414N 81°20.656W

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

Observer's Name: Irene Briza Observer firm Coastwise Conv

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Maintenance USACE District: Savannah

Dredge Name: B.E. Lindholm Dredge Firm: Weeks

Date 2 / 28 / 05 LOAD #: 68

Times (24hrs): Start 11:29 End 12:40 Dump ~~[illegible]~~ 13:17

Location, Lat/Long: N 31 06.479 W 81 20.818

Condition of screening : Port good Starboard good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: good

Type of material dredged: sand
Weather conditions: P/C, BSS 2, NE@ 15

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

Beaufort Sea States (Enter BSS 1-8) 2 Wave Height: _____ ft

Wind (speed & direction): NE@15 AIR TEMP: 64 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50.7 °C/°F Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

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

PORT SCREEN CONTENTS: 4 Hs crab
Ø

STARBOARD SCREEN CONTENTS:

Estimate number entrained on this load for the following:
- Sturgeon (any species) Ø
- Shark (any species)
- Horseshoe crab 4
- 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: 3 adults = 30°07N 80 48' W = sighting from NOAA 57
~~4 HS crabs~~

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

Observer's Name: M. Piercy Observer firm Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Maintenance USACE District: Savannah

Dredge Name: B.E. Lindholm Dredge Firm: Weeks Marine

Date 2 / 28 / 05 LOAD #: 69

Times (24hrs): Start 1402 End 1543 Dump 1622

Location, Lat/Long: N 31 06.479 W 81 20 818

Condition of screening : Port good Starboard good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: good

Type of material dredged: sand
Weather conditions: P/C, BSS 2, NE@10-15

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

Beaufort Sea States (Enter BSS 1-8) 2 Wave Height: 1-2 ft

Wind (speed & direction): NE@10-15 AIR TEMP: 64 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50.7 °C/°F Column (mid-depth) ___ °C/°F Bottom ___ °C/°F

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

PORT SCREEN CONTENTS: Ø

STARBOARD SCREEN CONTENTS:

Estimate number entrained on this load for the following:
Sturgeon (any species)
Shark (any species)
Horseshoe crab
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: 1 adult NE 31°02N 80°53'W 16:04
2 adult N 31°02N 80°47'W 16:17

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

Observer's Name: M. Pierey Observer firm Coastwise Consulting

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Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick USACE District: Savannah

Dredge Name: B.E. Lindholm Dredge Firm: Weeks Marine

Date 2/28/05 LOAD #: 70

Times (24hrs): Start 1705 End 1833 Dump 1923

Location, Lat/Long: N 31 06.479 W 81 20.818

Condition of screening : Port good Starboard good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: good

Type of material dredged: sand
Weather conditions: P/C, rain, BSS 3, NE@15-20

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

Beaufort Sea States (Enter BSS 1-8) ___ Wave Height: ___ ft

Wind (speed & direction): NE@15-20 AIR TEMP: 64 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50.7 °C/°F Column (mid-depth) ___ °C/°F Bottom ___ °C/°F

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

PORT SCREEN CONTENTS: Clear

STARBOARD SCREEN CONTENTS: ?

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: No whales w/in 15 mi of operations

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

Observer's Name: M. Pierce Observer firm Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick USACE District: Savannah

Dredge Name: B.E. Lindholm Dredge Firm: Weeks Marine

Date 2 / 28 / 05 LOAD #: 71

Times (24hrs): Start 2005 End 2136 Dump 2222

Location, Lat/Long: N 31 06.479 W 81 20.818

Condition of screening : Port good Starboard good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: good

Type of material dredged: Sand
Weather conditions: P/C, BSS 3, NE@10-15

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

Beaufort Sea States (Enter BSS 1-8) ___ Wave Height: 2 ft

Wind (speed & direction): NE@10-15 AIR TEMP: 60 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50.8 °C/°F Column (mid-depth) ___ °C/°F Bottom ___ °C/°F

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

PORT SCREEN CONTENTS: Ø

STARBOARD SCREEN CONTENTS: Ø

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

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

Observer's Name: M. PIERCY Observer firm Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Deepening USACE District: Savannah

Dredge Name: B.E. Lindholm Dredge Firm: Weeks Marine

Date 2 / 28 / 05 - 3/01/05 LOAD #: 72

Times (24hrs): Start 23:10 End 0036 Dump 0117

Location, Lat/Long: N 31 06.479 W 81 20.818

Condition of screening : Port good Starboard good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: GOOD

Type of material dredged: sand
Weather conditions: clear

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

Beaufort Sea States (Enter BSS 1-8) 3 Wave Height: _____ ft

Wind (speed & direction): 15-20 knots NW AIR TEMP: 58 °C (°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50.8 °C (°F) Column (mid-depth) _____ °C / °F Bottom _____ °C / °F

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

PORT SCREEN CONTENTS: clear

STARBOARD SCREEN CONTENTS: ~~clear 1 horseshoe crab~~

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 X
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: Irene Briga Observer firm Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Maintenance USACE District: Savannah

Dredge Name: B.E. Lindholm Dredge Firm: Weeks

Date 03/01/05 LOAD #: 73

Times (24hrs): Start 02:05 End 0347 Dump 0425

Location, Lat/Long: N 31 06 .429 W 81 20 .744

Condition of screening : Port good Starboard good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9
Draghead deflector? YES X NO ___ Condition of deflector: GOOD

Type of material dredged: sand (sm. amt. of shell fragment)
Weather conditions: clear

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

Beaufort Sea States (Enter BSS 1-8) 3 Wave Height: 1-2 ft

Wind (speed & direction): 15-20KTS NW AIR TEMP: 56 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50.7 °C (°F) Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

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

PORT SCREEN CONTENTS: clear

STARBOARD SCREEN CONTENTS: 1 Horseshoe crab

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: approx. 4 Horseshoe crabs

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

Observer's Name: Irene Briga Observer firm Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Maintenance USACE District: Savannah

Dredge Name: BE Lindholm Dredge Firm: Weeks

Date 03 / 01 / 05 LOAD #: 75

Times (24hrs): Start 08:09 End 09:26 Dump 10:06

Location, Lat/Long: N 31 06.547 W 81 20.937

Condition of screening : Port good Starboard good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9
Draghead deflector? YES X NO ___ Condition of deflector: good

Type of material dredged: sand (shell fragment, silt, mud)
Weather conditions: clear, exc. VIS.

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

Beaufort Sea States (Enter BSS 1-8) 4 Wave Height: 1-2 ft

Wind (speed & direction): 20 ~~WNW~~ W AIR TEMP: 62 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50.7 °C/°F Column (mid-depth) ___ °C/°F Bottom ___ °C/°F

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

PORT SCREEN CONTENTS: ∅

STARBOARD SCREEN CONTENTS: overflow 1 horseshoe crab
STB draghead - 1 horseshoe crab

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

(09:20) TT #5-6 31°06.653N/81°21.068W (~~[illegible]~~ porpoising)

(09:51) TT 2 31°03.987N/81°16.422W

feeding w/ Birds

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

Observer's Name: Irene Briga Observer firm Coastwise Consulting

(10:24) TT 31°03.647N/81°16.890W feed. w/ ~~[illegible]~~

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Maintenance **USACE District:** Savannah

Dredge Name: B.E. Lindholm **Dredge Firm:** Weeks

Date 03 / 01 / 05 **LOAD #:** 74

Times (24hrs): Start 0506 **End** 0642 **Dump** 0728

Location, Lat/Long: N 31 06 .559 **W** 81 20 .950

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

Number of dragheads in use: 2 **Type of dragheads used:** IHC **Size of dragheads:** 9
Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: sand
Weather conditions: clear ; ex. vis.

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

Beaufort Sea States (Enter BSS 1-8) 4 **Wave Height:** 1-2 **ft**

Wind (speed & direction): WNW 15-20 KTS **AIR TEMP:** 59 **°C/(°F)** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50.7 **°C/(°F) Column (mid-depth)** ___ **°C/°F Bottom** ___ **°C/°F**

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

PORT SCREEN CONTENTS: Ø

STARBOARD SCREEN CONTENTS: Ø

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: 1 Horseshoe crab

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

Observer's Name: Irene Briga **Observer firm** Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Maintenance **USACE District:** Savannah

Dredge Name: B.E. Linholm **Dredge Firm:** Weeks

Date 03 / 01 / 05 **LOAD #:** 76

Times (24hrs): Start 10:46 End 1158 Dump 1237

Location, Lat/Long: N 31° 06 .476 W 81° 20 .795

Condition of screening : Port _____ Starboard _____ Overflow _____

Number of dragheads in use: _____ **Type of dragheads used:** IHC **Size of dragheads:** 9'
Draghead deflector? YES ___ NO ___ **Condition of deflector:** _____

Type of material dredged: _____
Weather conditions: clear / wind picking up

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

Beaufort Sea States (Enter BSS 1-8) 4 **Wave Height:** 2-3 ft

Wind (speed & direction): 20↑ KTS W **AIR TEMP:** 57 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50.7 °C (°F) Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

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

PORT SCREEN CONTENTS: clear

STARBOARD SCREEN CONTENTS: _____

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES _____ NO X
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: M. Piercy **Observer firm** Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick USACE District: Savannah

Dredge Name: B.E. Lindholm Dredge Firm: Weeks Marine

Date 3 / 1 / 05 LOAD #: 77

Times (24hrs): Start 1317 End 1642 Dump 1725

Location, Lat/Long: N 31 06.476 W 81 20.795

Condition of screening : Port good Starboard good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: good

Type of material dredged: Sand
Weather conditions: PC, BSS 4, W@35-40

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

Beaufort Sea States (Enter BSS 1-8) _____ Wave Height: _____ ft

Wind (speed & direction): W@35-40 kts AIR TEMP: 62 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50.8 °C/°F Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

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

PORT SCREEN CONTENTS: clear

STARBOARD SCREEN CONTENTS:

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: 1 blue crab in draghead.

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

Observer's Name: M. PIERCY Observer firm Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick **USACE District:** Savannah

Dredge Name: B.E. Lindholm **Dredge Firm:** Weeks Marine

Date 3 / 1 / 05 **LOAD #:** 78

Times (24hrs): Start 1811 **End** 2015 **Dump** 2103

Location, Lat/Long: N 31 06 . 476 **W** 81 20 . 795

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

Number of dragheads in use: 2 **Type of dragheads used:** IHC **Size of dragheads:** 9'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: sand
Weather conditions: PC, BSS 4, WE 30-35

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

Beaufort Sea States (Enter BSS 1-8) ___ **Wave Height:** ___ ft

Wind (speed & direction): WE 30-35 **AIR TEMP:** 58 °C / °F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50.8 °C / °F **Column (mid-depth)** ___ °C / °F **Bottom** ___ °C / °F

SCREEN TYPE

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

PORT SCREEN CONTENTS: clear

STARBOARD SCREEN CONTENTS:

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X
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: M. PIERCY **Observer firm** Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick USACE District: Savannah

Dredge Name: B.E. Lindholm Dredge Firm: Weeks Marine

Date 03 / 01 / 05 / 03-02-05 LOAD #: 79

Times (24hrs): Start 2148 End 2340 Dump 0018

Location, Lat/Long: N 31 06 . 414 W 81 20 . 656

Condition of screening : Port good Starboard good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: good

Type of material dredged: sand
Weather conditions: ___

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

Beaufort Sea States (Enter BSS 1-8) 3 Wave Height: 1 ft

Wind (speed & direction): 15-20 NW AIR TEMP: 43 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50.4 °C/°F Column (mid-depth) ___ °C/°F Bottom ___ °C/°F

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

PORT SCREEN CONTENTS: ∅

STARBOARD SCREEN CONTENTS: ∅

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

M. Irene Briga Coastwise Consulting

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

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick **USACE District:** Savannah

Dredge Name: BE Lindholm **Dredge Firm:** Weeks

Date 03/02/05 **LOAD #:** 80

Times (24hrs): Start 0100 **End** 02:30 **Dump** 0311

Location, Lat/Long: N 31 06.791 **W** 81 21.455

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

Number of dragheads in use: 2 **Type of dragheads used:** IHC **Size of dragheads:** 9'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: sand
Weather conditions: ___

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

Beaufort Sea States (Enter BSS 1-8) 3/2 **Wave Height:** 1 **ft**

Wind (speed & direction): 15-20KTS NW **AIR TEMP:** 43 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 50.4 °C (°F) **Column (mid-depth)** ___ °C/°F **Bottom** ___ °C/°F

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

PORT SCREEN CONTENTS: ___

STARBOARD SCREEN CONTENTS: ___

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X
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: Irene Briga **Observer firm** Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Maintenance USACE District: Savannah

Dredge Name: B.E. Lindholm Dredge Firm: Weeks Marine

Date 03/02/05 LOAD #: 81

Times (24hrs): Start 03:55 End 05:45 Dump 07:25

Location, Lat/Long: N 31° 06.791 W 81 21.455

Condition of screening : Port good Starboard good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: good

Type of material dredged: SAND (sm. amt. mud)
Weather conditions: clear

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

Beaufort Sea States (Enter BSS 1-8) 3 Wave Height: 1-2 ft

Wind (speed & direction): 10-15 KTS NW AIR TEMP: 44 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 54.0 °C/(°F) Column (mid-depth) 50.4° °C/°F Bottom _____ °C/°F

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

PORT SCREEN CONTENTS: 1 ROCK CRAB in draghead Ted chain

STARBOARD SCREEN CONTENTS: ∅

Estimate number entrained on this load for the following:

Sturgeon (any species) ∅
Shark (any species) 1 SAND SHARK forward lander
Horseshoe crab 3
Blue crab ∅

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES X NO ___
SPECIES OF TURTLE TAKE: Unknown (Loggerhead) Green Kemp's ridley Hawksbill Leatherback

Comments: Head & 1 front flipper in forward lander screen. FRESH Caretta caretta (juvenile)
* See Sea turtle Incidental Take form

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

Observer's Name: Irene Briga Observer firm Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick USACE District: Savannah

Dredge Name: BE Lindholm Dredge Firm: Weeks Marine

Date 03 / 02 / 05 LOAD #: 82

Times (24hrs): Start 08:03 End 09:30 Dump 10:16

Location, Lat/Long: N 31° 06.616 W 81° 20.975

Condition of screening: Port good Starboard good Overflow good

Number of dragheads in use: 2 Type of dragheads used: ICH Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: good

Type of material dredged: SAND (sm. amt. of mud)
Weather conditions: clear / sunny / ex. VIS

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

Beaufort Sea States (Enter BSS 1-8) 3 Wave Height: 1-2 ft

Wind (speed & direction): 15-20 NW AIR TEMP: 47 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 54.3 °C/(°F) Column (mid-depth) 50.3 °C/(°F) Bottom _____ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: ϕ in dragheads

STARBOARD SCREEN CONTENTS: 3 horseshoe crabs in Landers

Estimate number entrained on this load for the following:

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES X NO ___
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: hind flippers and (R) forflipper recovered in forward Lander in screening of same individual Caretta caretta
• See sea turtle Incident Take form

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

Observer's Name: Irene Briga Observer firm Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Maintenance USACE District: Savannah

Dredge Name: B.E. Lindholm Dredge Firm: Weeks Marine

Date 03/02/05 LOAD #: 83

Times (24hrs): Start 10:56 End 12:42 Dump —

Location, Lat/Long: N 31 06.710 W 81 21.143

Condition of screening : Port good Starboard good Overflow good

Number of dragheads in use: 2 Type of dragheads used: THC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: good

Type of material dredged: SAND (small amt. of mud)
Weather conditions: ___

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

Beaufort Sea States (Enter BSS 1-8) 3 Wave Height: 1-2 ft

Wind (speed & direction): 20KTS NW AIR TEMP: 48 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 54.5 °C/°F Column (mid-depth) 50.3 °C/°F Bottom ___ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: sand, rock, shell

STARBOARD SCREEN CONTENTS: ↓

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: TT 2 31° 06.466N 81° 20.834W

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

Observer's Name: M. Pierce Observer firm Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick **USACE District:** Savannah

Dredge Name: BE Lindholm **Dredge Firm:** Weeks Marine

Date 3 / 2 / 05 **LOAD #:** 85 - 20+500 - 31+00

Times (24hrs): Start 1733 **End** 2012 **Dump** 2058

Location, Lat/Long: N 31 06 . 158 **W** 81 21 . 303

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

Number of dragheads in use: 2 **Type of dragheads used:** HC **Size of dragheads:** 9'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: sand, mud
Weather conditions: clear, BSS 3

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

Beaufort Sea States (Enter BSS 1-8) ___ **Wave Height:** ___ ft

Wind (speed & direction): NW @ 10-15 **AIR TEMP:** 55 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 55 °C/°F **Column (mid-depth)** ___ °C/°F **Bottom** ___ °C/°F

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

PORT SCREEN CONTENTS: wood, plastics

STARBOARD SCREEN CONTENTS: ___

Estimate number entrained on this load for the following:

Sturgeon (any species)	Ø
Shark (any species)	Ø
Horseshoe crab	15
Blue crab	2

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Overflow = jam packed, wood, 15 HS crab, 2 Blue crab, sea whips, eels, penshells, scallops

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

Observer's Name: M. Pitney **Observer firm** Coastwise Consult

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick **USACE District:** Savannah

Dredge Name: B.E. Lindholm **Dredge Firm:** Weeks Marine

Date 3 / 02 / 05 **LOAD #:** 84

Times (24hrs): Start 1354 **End** 1621 **Dump** 1651

Location, Lat/Long: N 31 06 . 158 **W** 81 21 . 303

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

Number of dragheads in use: 2 **Type of dragheads used:** IHC **Size of dragheads:** 9'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: sand
Weather conditions: Clear, BSS 3

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

Beaufort Sea States (Enter BSS 1-8) ___ **Wave Height:** ___ **ft**

Wind (speed & direction): NW @ 15-20 **AIR TEMP:** 60 **°C/°F** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 54.5 **°C/°F** **Column (mid-depth)** ___ **°C/°F** **Bottom** ___ **°C/°F**

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

PORT SCREEN CONTENTS: wood

STARBOARD SCREEN CONTENTS:

Estimate number entrained on this load for the following:

Sturgeon (any species)	Ø
Shark (any species)	
Horseshoe crab	13
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: Overflow = jam packed w/ wood, 13 Hs crab, spider crab, sea whip, eels, Clearnose Skate, rock (yes, rock!), sea star, scallops

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

Observer's Name: M. Piercy **Observer firm** Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick USACE District: Savannah

Dredge Name: B.E. Lindholm Dredge Firm: Weeks Marine

Date 3/2/05 + 3/3/05 LOAD #: ~~84~~ 86

Times (24hrs): Start 2142 End 2400 Dump 0105

Location, Lat/Long: N 31 06.158 W 81 21.303

Condition of screening : Port good Starboard good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: good

Type of material dredged: sand, mud, SILT
Weather conditions: P/C, BSS 2

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

Beaufort Sea States (Enter BSS 1-8) 2 Wave Height: 1 ft

Wind (speed & direction): NW @ 10-15 AIR TEMP: 42 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 54 °C/(°F) Column (mid-depth) 50.3 °C/(°F) Bottom ___ °C/°F

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

PORT SCREEN CONTENTS:

STARBOARD SCREEN CONTENTS:

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø
Shark (any species) Ø
Horseshoe crab 11
Blue crab 1

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Overflow packed: 11 horseshoe crabs, sea whip, 1 UID fish section, cloth, various shells (cockle, pen, scallop, whelk) 1 Blue crab - wood

. Slow Bull observed

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

Observer's Name: Irene Briga Observer firm Coastwise Consulting

87/01:53
86/0000 0017 ST 01:05

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick USACE District: Savannah

Dredge Name: BE. LINDHOLM Dredge Firm: Weeks Marine

Date 03/03/05 LOAD #: ~~87~~ 87

Times (24hrs): Start 01:53 End 04:26 Dump 05:13 ~~ST~~

Location, Lat/Long: N 31° 05.995 W 81° 19.912 SECTIONS 3/4 -20+500 TO -31+00

Condition of screening: Port good Starboard good Overflow good,

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9

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

Type of material dredged: SAND / some MUD

Weather conditions: mostly clear

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

Beaufort Sea States (Enter BSS 1-8) 2 Wave Height: 1 ft

Wind (speed & direction): 10-15kts. NW AIR TEMP: 42 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 53°53 °C/°F Column (mid-depth) 50.3 °C/°F Bottom ___ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: WOOD, golf ball, horseshoe crab

STARBOARD SCREEN CONTENTS: wire golf ball 2 horseshoe crabs in starb. draghead

Estimate number entrained on this load for the following:

Sturgeon (any species) 0
Shark (any species) 0
Horseshoe crab 13
Blue crab 1

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

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

Comments: overflow full - wood, debris, Biota horseshoe crabs, various shells, 1 spider crab

Slow Bell M/C 7 mi aerial alert

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

Observer's Name: Irene Briga Observer firm Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick USACE District: Savannah

Dredge Name: B.E. LINDHOLM Dredge Firm: WEEKS MARINE

Date 03 / 03 / 05 LOAD #: 88 (Sections 3-4)

Times (24hrs): Start 0559 End 0822 Dump 08:50

Location, Lat/Long: N 31 05.853 W 81 19.645

Condition of screening: Port good Starboard good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES ___ NO ___ Condition of deflector: ___

Type of material dredged: SAND SILT MUD
Weather conditions: overcast, good VIS

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

Beaufort Sea States (Enter BSS 1-8) 2 Wave Height: <1' ft

Wind (speed & direction): 8-10 KTS NW AIR TEMP: 52 °C (°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 59 @ 8:15 °C (°F) Column (mid-depth) 50.2 °C (°F) Bottom ___ °C / °F

SCREEN TYPE

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

~~PORT SCREEN~~ CONTENTS: Whelk

STARBOARD SCREEN CONTENTS: Huge log in STB. draghead

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø
Shark (any species) Ø
Horseshoe crab 8-10
Blue crab 3

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: overflow full - 2 seastars, seawhip, whelk, ALOT of wood & debris

★ No Aerial Survey today NOAA 57

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

Observer's Name: Irene Briga Observer firm Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick USACE District: Savannah

Dredge Name: BE. LINDHOLM Dredge Firm: Weeks Marine

Date 03/03/05 LOAD #: 89

Times (24hrs): Start 09:35 End 1144 Dump 1214

Location, Lat/Long: N 31° 06.023 W 81° 19.982

Condition of screening : Port _____ Starboard _____ Overflow _____

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES ___ NO ___ Condition of deflector: _____

Type of material dredged: _____
Weather conditions: overcast - good visibility

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

Beaufort Sea States (Enter BSS 1-8) 2 Wave Height: 1 ft

Wind (speed & direction): 10-15 NNW AIR TEMP: 54 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 53 °C/(°F) Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: wood

STARBOARD SCREEN CONTENTS: _____

Estimate number entrained on this load for the following:

Sturgeon (any species) _____
Shark (any species) _____
Horseshoe crab 15
Blue crab 2

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: TT N31° 05.693 W 81° 19.435 @ 10:40
overflow = wood, sea whip, 15 HS crab, 2 blue crab, clearnose skate, sea cucumber, whelk egg case, scallops

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

Observer's Name: Irene Bugg Observer firm Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick USACE District: Savannah

Dredge Name: B.E. Lindholm Dredge Firm: Weeks Marine

Date 03/03/05 LOAD #: 90

Times (24hrs): Start 1245 End 1459 Dump 1528

Location, Lat/Long: N 31 06.023 W 81 19.982

Condition of screening : Port good Starboard good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: good

Type of material dredged: sand, mud
Weather conditions: ~~clear~~ overcast

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

Beaufort Sea States (Enter BSS 1-8) 2 Wave Height: ___ ft

Wind (speed & direction): NNW@10-15 AIR TEMP: 56 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 54 °C/°F Column (mid-depth) ___ °C/°F Bottom ___ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: wood, rocks

STARBOARD SCREEN CONTENTS:

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø
Shark (any species) Ø
Horseshoe crab 12
Blue crab 3

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Overflow = wood, 12 HS crab, 3 blue crab, 2 spider crab, sea whip, sea pork, sea cucumber, whelk egg cases, scallops, sand dollar, and a shirt.
14:54 - 3 TE (very large animals @ 3106.023/81 19.982

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

Observer's Name: M. Percy Observer firm Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick USACE District: Savannah

Dredge Name: BE Lindholm Dredge Firm: Weeks Marine

Date 03 03 05 LOAD #: 91

Times (24hrs): Start 1602 End 1850 Dump 1943

Location, Lat/Long: N 31 06 .023 W 81 19 .982

Condition of screening : Port good Starboard good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: good

Type of material dredged: sand, mud
Weather conditions: ~~PC~~, BSS 2 overcast

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

Beaufort Sea States (Enter BSS 1-8) 2 Wave Height: ___ ft

Wind (speed & direction): NW @ 10 AIR TEMP: 55 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 54 °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: wood

STARBOARD SCREEN CONTENTS: ?

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

Comments: overflow = 8 HS crab, sea whip, sea pork, whelk eggs, wood, plastics

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

Observer's Name: M. Piercy Observer firm Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick USACE District: Savannah

Dredge Name: B.E. Lindholm Dredge Firm: Weeks Marine

Date 03/03/05 LOAD #: 92

Times (24hrs): Start 2033 End 2219 Dump 23:02

Location, Lat/Long: N 31 06 .023 W 81 19 .982

Condition of screening : Port good Starboard good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: good

Type of material dredged: sand mud
Weather conditions: Overcast,

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

Beaufort Sea States (Enter BSS 1-8) 2 Wave Height: <2 ft

Wind (speed & direction): NW@5-10 AIR TEMP: 55 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 54 °C/°F Column (mid-depth) ___ °C/°F Bottom ___ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: wood

STARBOARD SCREEN CONTENTS:

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø
Shark (any species)
Horseshoe crab 7
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: Overflow = Sea pork, wood, sea whip, 7 HS crab

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

Observer's Name: M. Perry / ~~[illegible]~~ Observer firm Coastwise Consulting

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Maintenance USACE District: Savannah

Dredge Name: B.E. Lindholm Dredge Firm: Weeks Marine

Date 03/04/05 LOAD #: 93

Times (24hrs): Start 2354 End 0113 Dump 1:53

Location, Lat/Long: N 31 06.114 W 81 20.106

Condition of screening : Port good Starboard good Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
Draghead deflector? YES X NO ___ Condition of deflector: good

Type of material dredged: primarily sand w/ sm. amt. of mud
Weather conditions: overcast

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

Beaufort Sea States (Enter BSS 1-8) 2 Wave Height: >1' ft

Wind (speed & direction): 5-10 NW AIR TEMP: 52 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 54 °C (°F) Column (mid-depth) 50.3 °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:

STARBOARD SCREEN CONTENTS:

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

Comments: overflow less packed w/ wood, debris, shells and horseshoe crab than previous loads for 03/02-03/05.
1 Spider crab shells

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

Observer's Name: Irene Briga Observer firm Coastwise Consulting

Sect 3&4
- 20+500 To -31+000

Endangered Species Observer Program
LOAD DATA FORM

Project Name: Brunswick Maintenance USACE District: Savannah

Dredge Name: B.E. Lindholm Dredge Firm: Weeks Marine

Date 03 / 04 / 05 LOAD #: 94

Times (24hrs): Start 02:34 End 0400 Dump 0455

Location, Lat/Long: N 31 05.556 W 81 19.120 SECTIONS 3&4

Condition of screening : Port GOOD Starboard GOOD Overflow good

Number of dragheads in use: 2 Type of dragheads used: IHC Size of dragheads: 9'
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 (Enter BSS 1-8) 2 Wave Height: ~~<~~ 1' ft

Wind (speed & direction): 5-10 KTS NW AIR TEMP: 54 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 54 °C (°F) Column (mid-depth) 50.3 °C/°F Bottom ___ °C/°F

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

PORT SCREEN CONTENTS: Shells, clear nose skate, sea cucumber 14 horseshoe c. sea whip whelk egg cases - debris in overflow. wood Rock

STARBOARD SCREEN CONTENTS:

Estimate number entrained on this load for the following:

Sturgeon (any species)	0
Shark (any species)	0
Horseshoe crab	14
Blue crab	1

~~Shells~~

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: * LAST LOAD cleaned LANDERS + OVERFLOW

2 OBSERVERS USED / 24 hrs - 100% Irene Briga Coastwise Consulting