ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June '04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 1 LOAD start date: 1 June '04 Times (24hrs): Start 1649 End 1821 Dump 1

Condition of screening: Port good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, silt

Weather conditions: ____

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: 3-4 ft Wind (speed & direction): ____

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: 1 blue crab, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____
Shark (any species) ____
Horseshoe crab ____
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: ~ 6 T. truncatus in channel at dig site

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

Observer's name: David Lange Observer firm Coastwise Consulting

Observer signature David Lange

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0025 Maintenance ___ /New Work ___ PROJECT start date ___

PROJECT NAME: Mobile DREDGE NAME: ___

DREDGE FIRM: ___

LOAD #: 2 LOAD start date: 1 June '04 Times (24hrs): Start 1838 End 2000 Disp 2016

Condition of screening: Port good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud

Weather conditions: ___

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab 0

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: David Lange Observer firm Coastwise Consulting

Observer signature David Lange

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 3 LOAD start date: 1 June '04 Times (24hrs): Start 2022 End 2120 Amp: 2

Condition of screening: Port good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, sand

Weather conditions: _____

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: trash,

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 0

Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO 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: David Lange Observer firm Coastwise Consulting

Observer signature David Lange

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B + B

LOAD #: 4 LOAD start date: 1 June '04 Times (24hrs): Start 2313 End 0025 Pump 0035

Condition of screening: Port good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, clay

Weather conditions: ____

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: none

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: David Lange Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912HN-04-C-005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Harbor after Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B + B

LOAD #: 5 LOAD start date: 2 June '04 Times (24hrs): Start 0050 End 0243 Dump 0248

Condition of screening: Port good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, clay

Weather conditions: ____

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab 0

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: David Langel Observer firm Coastwise Consulting

Observer signature Paul Lange

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor after Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B + B

LOAD #: 6 LOAD start date: 2 June '04 Times (24hrs): Start ____ End 0445

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, silt

Weather conditions: ____

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: Spartina

STARBOARD SCREEN CONTENTS: N/A

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: ____

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

Observer's name: Jennifer Pennycook Observer firm Coastwise Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PR-04-C-005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 7 LOAD start date: 1 June '04 Times (24hrs): Start 0700 End 0830

Condition of screening: Port ____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Mud, silt

Weather conditions: ____

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: 3-5 ft Wind (speed & direction): 10-15 knot/SE

AIR TEMP: 80 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 79 °C/°F Column (mid-depth) ____ °C/°F Bottom 70 °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: Spartina, trash, 1 minnow

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: Jennifer Pereyzan Observer firm Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912HR-04-C-005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/y Atchafalaya

DREDGE FIRM: B + B

LOAD #: 8 LOAD start date: 2 June 04 Times (24hrs): Start 0844 End 1001 1045

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, clay, silt

Weather conditions: Overcast 88°F

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: 3-5 ft Wind (speed & direction): 10 15 SE

AIR TEMP: 80 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 79 °C/°F Column (mid-depth) ____ °C/°F Bottom: 70 °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: Spartina, trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab 0

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: Jennifer Perczynski Observer firm Coastal Construction

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-005 Maintenance X /New Work ____ PROJECT start date: 1 June 2004

PROJECT NAME: Mobile Harbor after Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 9 LOAD start date: 2 June 04 Times (24hrs): Start 0553 End 2227

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: sand + mud

Weather conditions: Cloudy

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

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

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

Waves: 2 ft Wind (speed & direction): SW 7-10

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

WATER TEMP: Surface 83 °C/(F) Column (mid-depth) 82 °C/(F) Bottom 82 °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: mostly grass + trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Roberts Observer firm: Coastal Consulting

Observer signature: Kimberly Roberts

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-005 Maintenance X /New Work ____ PROJECT start date: June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 10 LOAD start date: 29 June 04 Times (24hrs): Start 1252 End 1425

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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 (Winds/Wave Height) (CIRCLE ONE)

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

Waves: 2 ft Wind (speed & direction): SW 7-10 Kts

AIR TEMP: 89 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83 °C/F Column (mid-depth) 82 °C/F Bottom 82 °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: Grass, line, sea, Blue CRAB-3

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

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

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

Comments: cleaned cage of debris

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

Observer's name: Kimberly Peters Observer firm Coastline Consulting

Observer signature ___

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-005 Maintenance X /New Work ____ PROJECT start date: June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B + B

LOAD #: 11 LOAD start date: 2 June 04 Times (24hrs): Start 1441 End 1650

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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 (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): SW

AIR TEMP: 88 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83 °C/°F Column (mid-depth) 82 °C/°F Bottom 82 °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: Realatively clean except for some grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: K. M. Beaty Peters Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor after Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B + B

LOAD #: 12 LOAD start date: 2 June 04 Times (24hrs): Start 1825 End 1900

Condition of screening : Port ____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand & mud

Weather conditions: Partly cloudy

1828 1904

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): SW

AIR TEMP: 88 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83 °C (F) Column (mid-depth) 82 °C (F) Bottom 82 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: [illegible] Observer firm: [illegible] Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B + B

LOAD #: 13 LOAD start date: 28 JUNE 04 Times (24hrs): Start 1828 End 1904

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: SAND + SILT

Weather conditions: Partly cloudy

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

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

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

Waves: <1 ft Wind (speed & direction): SW 4-6

AIR TEMP: 82 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83 °C (F) Column (mid-depth) 81 °C (F) Bottom 81 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

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

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 Kimberly Peters Observer firm Coastal Consulting

Observer signature ___

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date: June 2004

PROJECT NAME: Mobile Harbor after Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B + B

LOAD #: 14 LOAD start date: 2 June 04 Times (24hrs): Start 1929 End 2041

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand + silt

Weather conditions: P/C

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): SW

AIR TEMP: 82 °C (F)

WATER TEMP: Surface 80 °C (F) Column (mid-depth) 79 °C (F) Bottom 79 °C (F)

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

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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Yates Observer firm: Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor after Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B + B

LOAD #: 15 LOAD start date: 29 June 04 Times (24hrs): Start 2037 End 2118

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: midhead Size of dragheads: 5'

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

Type of material dredged: Sand + Silt

Weather conditions: P/C

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): SW

AIR TEMP: 80 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 82 °C (F) Column (mid-depth) 79 °C (F) Bottom 79 °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: TRASH

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Parker Observer firm Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PB-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor after Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B + B

LOAD #: 16 LOAD start date: 21 June 04 Times (24hrs): Start 2305 End 2345

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhook Size of dragheads: 5'

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

Type of material dredged: P/C Full moon

Weather conditions: SAND, Silt, mud

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: 80 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 81 °C (F) Column (mid-depth) 77 °C (F) Bottom 79 °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: Spartina

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab 0

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: Jennifer Pereniak Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B + B

LOAD #: 17 LOAD start date: 3 June 04 Times (24hrs): Start 0024 End 0056

Condition of screening: Port ____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, silt

Weather conditions: ____

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

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

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

Waves: 2-3 ft Wind (speed & direction): ____

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: Spartina

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Jennifer Perewiznyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912HR-04-C-005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B + B

LOAD #: 18 LOAD start date: 3 June '04 Times (24hrs): Start 0120 End 0205

Condition of screening: Port ____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud/silt

Weather conditions: ____

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

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

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

Waves: 2 – 3 ft Wind (speed & direction): ____

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: ____

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: Jennifer Pereniznyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912F8-04-C-005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor after Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 19 LOAD start date: 3 June 04 Times (24hrs): Start 0309 End 0336

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Mud, Silt

Weather conditions: _____

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

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

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

Waves: 1 - 2 ft Wind (speed & direction): _____

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: Spartina, eels

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 0

Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO 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: Jennifer Pereniznyk Observer firm Coastwise Consulting

Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B + B

LOAD #: 20 LOAD start date: 3 June '04 Times (24hrs): Start 0527 End 0612

Condition of screening: Port ____ Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Mud, silt

Weather conditions: ____

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

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

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

Waves: 0 - 1 ft Wind (speed & direction): ____

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: Spartina, spider crab

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: Jennifer Perewizny Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912HR-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor after Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B + B

LOAD #: 21 LOAD start date: 3 June 04 Times (24hrs): Start 0659 End 0721

Condition of screening: Port ____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: matthead Size of dragheads: 5'

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

Type of material dredged: mud, silt

Weather conditions: ____

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

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

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

Waves: 0-1 ft Wind (speed & direction): ____

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: Spartina

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: Jennifer Perenchyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B + B

LOAD #: 22 LOAD start date: 3 June 04 Times (24hrs): Start 0145 End 0825

Condition of screening: Port ____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, silt

Weather conditions: ____

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

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

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

Waves: 1-2 ft Wind (speed & direction): ____

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: Spartina

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: Jennifer Perewiznyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-005 Maintenance X /New Work _____ PROJECT start date June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/y Atchafalaya

DREDGE FIRM: B + B

LOAD #: 23 LOAD start date: 3 June 04 Times (24hrs): Start 0851 End 0932

Condition of screening: Port _____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud/silt

Weather conditions: _____

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

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

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

Waves: 0 - 1 ft Wind (speed & direction): _____

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: Spartina

STARBOARD SCREEN CONTENTS: N/A

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: _____

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

Observer's name: Jennifer Perewizny Observer firm: Coastwise Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor after Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B + B

LOAD #: 24 LOAD start date: 3 June 04 Times (24hrs): Start 1002 End ____

Condition of screening: Port ____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, silt

Weather conditions: ____

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

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

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

Waves: 0 - 1 ft Wind (speed & direction): ____

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: Spartina

STARBOARD SCREEN CONTENTS: N/A

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 Y

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: Jennifer Perewozyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PR-04-C-005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 25 LOAD start date: 30 June 04 Times (24hrs): Start 1112 End 1152

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Mud, silt

Weather conditions: Partly cloudy

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

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

0 = <1 knot/ 0 ft	(5) = 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): SW 10

AIR TEMP: 85 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83 °C (F) Column (mid-depth) 82 °C (F) Bottom 80 °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: TRASH

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Peters Observer firm Coastline Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PR-04-C-005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Harbor After Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 27 LOAD start date: 31 Jan 04 Times (24hrs): Start 1307 End 1328

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: matthead Size of dragheads: 5'

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

Type of material dredged: mud + silt

Weather conditions: P/C

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
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): SW

AIR TEMP: 85 °C (F)

WATER TEMP: Surface 83 °C (F) Column (mid-depth) 82 °C (F) Bottom 82 °C (F)

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

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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: [illegible] Observer firm [illegible]

Observer signature [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 28 LOAD start date: ____ Times (24hrs): Start 1352 End 1423

Condition of screening: Port ____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Mud, Silt

Weather conditions: P/C

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): SW

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83 °C/°F Column (mid-depth) 82 °C/°F Bottom 82 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Patrick Observer firm Coastline Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B + B

LOAD #: 29 LOAD start date: 3 June 04 Times (24hrs): Start 1443 End 1500

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, silt

Weather conditions: P/C

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): SW

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83 °C/°F Column (mid-depth) 82 °C/°F Bottom 82 °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: ____

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Peters Observer firm: Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912HR-04-C-005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Harbor after Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 30 LOAD start date: 30 June 04 Times (24hrs): Start 1632 End 1704

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Mud + Silt

Weather conditions: P/C

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): SW

AIR TEMP: 85 °C (F) ("F = 9/5 ("C) + 32; "C = 5/9 ("F - 32))

WATER TEMP: Surface 82 °C (F) Column (mid-depth) 82 °C (F) Bottom 82 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kim [illegible] Observer firm Coastline Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912HR-04-C-005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B + B

LOAD #: 31 LOAD start date: 30 June 04 Times (24hrs): Start 1730 End 1870

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: matheod Size of dragheads: 5'

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

Type of material dredged: Mud + Silt

Weather conditions: Stormy

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): SW

AIR TEMP: 84 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83 °C (F) Column (mid-depth) 82 °C (F) Bottom 82 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Fazen Observer firm: Coastline Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 32 LOAD start date: 30 June 04 Times (24hrs): Start 1833 End 1908

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud + silt

Weather conditions: Storms

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

Beaufort Sea States (Wind/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): SW

AIR TEMP: 83 °C (F) ('F = 9/5 ('C) + 32; 'C = 5/9 ('F - 32))

WATER TEMP: Surface 83 °C/(F) Column (mid-depth) 82 °C/F Bottom 82 °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: TRASH

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Patton Observer firm Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 33 LOAD start date: 3 June 04 Times (24hrs): Start 1937 End 2005

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud & silt

Weather conditions: Stormy

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

Beaufort Sea States (Wind/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): SW

AIR TEMP: 84 °C/(F) ((°F - 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83 °C/(F) Column (mid-depth) 82 °C/(F) Bottom 82 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: [illegible] Observer firm: [illegible]

Observer signature: [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912HR-04-C-005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B + B

LOAD #: 34 LOAD start date: 30 June 04 Times (24hrs): Start 2029 End 2106

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud & silt

Weather conditions: Storms

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): SW

AIR TEMP: 83 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83 °C (F) Column (mid-depth) 82 °C (F) Bottom 82 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kristen Hart Observer firm: Coastwise Consulting

Observer signature Kristen Hart

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PR-04-C-005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Harbor after Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 35 LOAD start date: 30 June 04 Times (24hrs): Start 2133 End 2251

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud + silt

Weather conditions: Cloudy

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

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

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

Waves: ____ ft Wind (speed & direction): SW

AIR TEMP: 80 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 84 °C (F) Column (mid-depth): 79 °C (F) Bottom 79 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Peterson Observer firm: Coastwise Consulting

Observer signature: ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 35 LOAD start date: 3 June 04 Times (24hrs): Start 2/33 End 2251 Start 2315

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud + silt

Weather conditions: Cloudy

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

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

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

Waves: ____ ft Wind (speed & direction): SW

AIR TEMP: 80 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 81 °C/°F Column (mid-depth) 79 °C/°F Bottom 79 °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: Trash, Spartina

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

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

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: Kimberly Patton Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-60005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B + B

LOAD #: 36 LOAD start date: 4 June '04 Times (24hrs): Start 0007 End 0031

Condition of screening: Port ____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, silt

Weather conditions: ____

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

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

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

Waves: 2-3 ft Wind (speed & direction): ____

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: Spartina

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: Jennifer Peraniznyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912J8-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/r Atchafalaya

DREDGE FIRM: B+B

LOAD #: 37 LOAD start date: 4 June '04 Times (24hrs): Start 0052 End 0117

Condition of screening: Port ____ Starboard ____ Overflow ____

Number of dragheads in use: 1 Type of dragheads used: midend Size of dragheads: 5'

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

Type of material dredged: mud, silt

Weather conditions: ____

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

Beaufort Sea States (Wind/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: 1-3 ft Wind (speed & direction): ____

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: Spartina

STARBOARD SCREEN CONTENTS: ____

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab 0

Blue crab 0

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

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

Comments: ____

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

Observer's name: Jennifer Perantoni Observer firm Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-60005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B + B

LOAD #: 38 LOAD start date: ____ Times (24hrs): Start 0133 End 0153

Condition of screening: Port ____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, silt

Weather conditions: ____

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

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

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

PORT SCREEN CONTENTS: Spartina

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Jennifer Ferenczyk Observer firm Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-60005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B + B

LOAD #: 39 LOAD start date: 4 June 04 Times (24hrs): Start 0214 End 0238

Condition of screening: Port ____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, silt

Weather conditions: ____

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

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

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

Waves: 2-3 ft Wind (speed & direction): ____

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

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

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

PORT SCREEN CONTENTS: spartina

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: Jennifer Peranzoyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-D0005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Harbor after Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 40 LOAD start date: 4 JUNE '04 Times (24hrs): Start 0300 End 0323

Condition of screening: Port ____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud/silt

Weather conditions: ____

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

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

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

Waves: 2-3 ft Wind (speed & direction): ____

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: Spartina, Reeds

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab 0

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: Jennifer Penwarden Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912HZ-04-C-0005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 41 LOAD start date: 4 June '04 Times (24hrs): Start 0344 End 0405

Condition of screening: Port ____ Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, silt

Weather conditions: ____

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

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

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

Waves: 1-2 ft Wind (speed & direction): ____

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: Spartina

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab 0

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: Jennifer Perniciaryk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-G0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B + B

LOAD #: 42 LOAD start date: 4 June '04 Times (24hrs): Start 0428 End 0449

Condition of screening: Port ____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, silt

Weather conditions: ____

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

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

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

Waves: 1-2 ft Wind (speed & direction): ____

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

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

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

PORT SCREEN CONTENTS: Spartina

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: Jennifer Pereuzny JL Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PR-04-D-0005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 43 LOAD start date: 4 June 04 Times (24hrs): Start 0512 End 0537

Condition of screening: Port ____ Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, silt

Weather conditions: ____

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

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

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

Waves: 0 ~ 1 ft Wind (speed & direction): ____

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

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

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

PORT SCREEN CONTENTS: spartina, 2 blue crabs, 2 starfish

STARBOARD SCREEN CONTENTS: N/A

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: ____

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

Observer's name: Jennifer Perkowitz Observer firm Coastwise Consulting

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912F8-04-D0005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Harbor after Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 44 LOAD start date: 4 June '04 Times (24hrs): Start ~~0629~~ 0601 End 0621

Condition of screening: Port ____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud/silt

Weather conditions: ____

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

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

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

Waves: 1-2 ft Wind (speed & direction): ____

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: Spartina

STARBOARD SCREEN CONTENTS: N/A

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: ____

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

Observer's name: Jennifer Perewiznyk Observer firm Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-6005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Harbor after Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 45 LOAD start date: 4 June 04 Times (24hrs): Start ~~0934~~ 0653 End 0720

Condition of screening: Port ____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: wolfhook Size of dragheads: 5'

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

Type of material dredged: mud, silt

Weather conditions: ____

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

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

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

Waves: 1-2 ft Wind (speed & direction): ____

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: Spartina

STARBOARD SCREEN CONTENTS: N/A

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: ____

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

Observer's name: Jennifer Perkowski Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C0005 Maintenance X /New Work _____ PROJECT start date June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B + B

LOAD #: 46 LOAD start date: 4 June 04 Times (24hrs): Start 0144 End 0811

Condition of screening: Port _____ Starboard N/A Overflow N/A

Number of drnghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, silt

Weather conditions: _____

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

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

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

Waves: 1-2 ft Wind (speed & direction): _____

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: spartina

STARBOARD SCREEN CONTENTS: N/A

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: _____

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

Observer's name: Jennifer Pennington Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-60005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B + B

LOAD #: 47 LOAD start date: 4 June '04 Times (24hrs): Start 0833 End 0900

Condition of screening: Port ____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, silt

Weather conditions: ____

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

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

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

Waves: 0 – 1 ft Wind (speed & direction): ____

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

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

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

PORT SCREEN CONTENTS: Spartina, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: Jennifer Perewizny Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-6005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Aux Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 48 LOAD start date: 4 June '04 Times (24hrs): Start 0923 End 0949

Condition of screening: Port ____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, silt

Weather conditions: ____

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

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

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

Waves: 0-1 ft Wind (speed & direction): ____

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

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

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

PORT SCREEN CONTENTS: grass, sea lice, 1 blue crab

STARBOARD SCREEN CONTENTS: N/A

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 Y

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: Jennifer Perkowski Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor after Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 49 LOAD start date: 4 June '04 Times (24hrs): Start 1010 End 1030

Condition of screening: Port ____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud/silt

Weather conditions: ____

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

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

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

Waves: 0-1 ft Wind (speed & direction): ____

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: grass, 1 blue crab

STARBOARD SCREEN CONTENTS: N/A

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: ____

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

Observer's name: Jennifer Perewizynk Observer firm Coastwise Consulting

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-6005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 50 LOAD start date 4 June 04 Times (24hrs): Start 1107 End 1134

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, silt

Weather conditions: Sunny

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

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

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

Waves: ____ ft Wind (speed & direction): SW

AIR TEMP: 85 °C (F)

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

WATER TEMP: Surface 83 °C (F) Column (mid-depth) 82 °C (F) Bottom 82 °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: Grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Peters Observer firm Dominion Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Aker Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 51 LOAD start date: ____ Times (24hrs): Start 1155 End 1210

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud & silt

Weather conditions: Sunny

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

Beaufort Sea States (Wind/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): SW

AIR TEMP: 85 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83 °C/(F) Column (mid-depth) 82 °C/(F) Bottom 82 °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: Grass AKA Spartina

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Peters Observer firm Coastal Environmental Consultants

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912HN-04-C-0005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 52 LOAD start date: ____ Times (24hrs): Start 1237 End 1303

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: matheads Size of dragheads: 5'

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

Type of material dredged: Mud + Silt

Weather conditions: Mostly Sunny

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

Beaufort Sea States (Wind/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): SW

AIR TEMP: 85 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83 °C/(F) Column (mid-depth) 82 °C/(F) Bottom 82 °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: Grass + Rock

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: [illegible] Observer firm Coastal Consulting

Observer signature [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-60005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Harbor After Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 53 LOAD start date: 4 June 04 Times (24hrs): Start 1326 End 1350

Condition of screening: Port ____ Starboard N/A Overflow N/A

Number of drngheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Mud + silt

Weather conditions: Sunny w/ clouds

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

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

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

Waves: ____ ft Wind (speed & direction): NW

AIR TEMP: 85 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 87 °C/F Column (mid-depth) 80 °C/F Bottom 80 °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: Grass + Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Peters Observer firm Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912HR-04-C-0005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Harbor after Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 54 LOAD start date: 4 June 04 Times (24hrs): Start 1417 End 1434

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Mud + silt

Weather conditions: Sunny

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

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

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

Waves: ____ ft Wind (speed & direction): W

AIR TEMP: 85 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 81 °C (F) Column (mid-depth) 80 °C (F) Bottom 80 °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: Trash + Grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Peters Observer firm: Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-60005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Harbor after Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 585 LOAD start date: 4 June 04 Times (24hrs): Start 1500 End 1551

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhog Size of dragheads: 5'

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

Type of material dredged: mud + silt

Weather conditions: Sunny

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

Beaufort Sea States (Wind/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): W

AIR TEMP: 85 °C (F) ('F = 9/5 ('C) + 32; 'C = 5/9 ('F - 32))

WATER TEMP: Surface 84 °C (F) Column (mid-depth) 80 °C (F) Bottom 80 °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: Grass + trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Peters Observer firm Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C0005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Harbor Alter Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 56 LOAD start date: ____ Times (24hrs): Start 1550 End 1618

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud + silt

Weather conditions: Sunny

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

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

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

Waves: ____ ft Wind (speed & direction): W

AIR TEMP: 85 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 82 °C/°F Column (mid-depth) 87 °C/°F Bottom 8(°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: trash + grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Fabro Observer firm Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912HR-04-G0005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Harbor After Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 57 LOAD start date: 4 June 04 Times (24hrs): Start 1639 End 1707

Condition of screening: Port ____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, silt

Weather conditions: Sunny

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

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

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 53-63 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): N

AIR TEMP: 85 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 82 °C / F Column (mid-depth) 81 °C (F) Bottom 81 °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: Trash + Grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: [illegible] Observer firm: Coastwise Consulting

Observer signature: [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 58 LOAD start date: 4 June 04 Times (24hrs): Start 1729 End 1805

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: medbreach Size of dragheads: 5'

Drag head deflector? YES X NO ___ Condition of deflector: good

Type of material dredged: Mud & Silt

Weather conditions: Sunny

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

Beaufort Sea States (Wind/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): W

AIR TEMP: 85 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 82 °C/(F) Column (mid-depth) 84 °C/(F) Bottom 84 °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: Trash & Grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Parker Observer firm: [illegible]

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C0005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Harbor after Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 59 LOAD start date: 4 June 04 Times (24hrs): Start 1855 End 2028

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhook Size of dragheads: 5'

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

Type of material dredged: Mud, Silt

Weather conditions: Good

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): W

AIR TEMP: 85 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 82 °C (F) Column (mid-depth) 87 °C (F) Bottom 81 °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: Trash + Grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Rowe Observer firm Coastal Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor after Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 20 LOAD start date: 4 June 04 Times (24hrs): Start 1955 End 2026

Condition of screening: Port ____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: matthead Size of dragheads: 5'

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

Type of material dredged: Sand + Silt

Weather conditions: P/C

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

Beaufort Sea States (Wind/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 knots/45 ft
1 = 1-3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4-6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): W

AIR TEMP: 80 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C/(F) Column (mid-depth) 80 °C/(F) Bottom 84 °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: Trash + Grass - Blue Crab

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Peterson Observer firm: Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PR-04-C0005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 61 LOAD start date 4 June 04 Times (24hrs): Start 2049 End 2120

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: muck + Silt

Weather conditions: P/C

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: Trash + Grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) _____

Shark (any species) _____

Horseshoe crab _____

Blue crab _____

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

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: Kimberly Phillips Observer firm Coastwise Consulting

Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B & B

LOAD #: 62 LOAD start date: 7 June 04 Times (24hrs): Start 2152 End 2229

Condition of screening: Port ____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Mud & Silt

Weather conditions: P/C

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): W

AIR TEMP: 80 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C/°F Column (mid-depth) 79 °C/°F Bottom 79 °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: Trash & Grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kristoffy Peters Observer firm Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PB-04-C-0005 Maintenance X /New Work _____ PROJECT start date June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 63 LOAD start date: 4 June 04 Times (24hrs): Start 2258 End 2326

Condition of screening: Port _____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud/silt/clay

Weather conditions: _____

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

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

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

Waves: 1-2 ft Wind (speed & direction): _____

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: Grass

STARBOARD SCREEN CONTENTS: N/A

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: _____

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

Observer's name: Jennifer Perlmutter Observer firm Coastwise Consulting

Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 64 LOAD start date: 4 June '04 Times (24hrs): Start 2551 End 0021

Condition of screening: Port ____ Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, silt, clay

Weather conditions: ____

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

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

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

Waves: 1-2 ft Wind (speed & direction): ____

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

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

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

PORT SCREEN CONTENTS: grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: Jennifer Perowiznyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-G005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: m/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 65 LOAD start date: 5 June 04 Times (24hrs): Start 0041 End 0112

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, silt, clay

Weather conditions: P/C

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

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

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

Waves: 1-2 ft Wind (speed & direction): ____

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

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: Jennifer Perewiznyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0015 Maintenance X /New Work _____ PROJECT start date 1 June '04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B & B

LOAD #: 166 LOAD start date: 5 June '04 Times (24hrs): Start 0136 End 0200

Condition of screening: Port _____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ___ NO ___ Condition of deflector: _____

Type of material dredged: mud, clay, silt

Weather conditions: _____

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

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

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

Waves: 1-2 ft Wind (speed & direction): _____

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

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

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

PORT SCREEN CONTENTS: grass

STARBOARD SCREEN CONTENTS: N/A

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: _____

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

Observer's name: Jennifer Parewiznyk Observer firm Coastwise Consulting

Observer signature _____

Parewiznyk

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchafalaya

DREDGE FIRM: B+B

LOAD #: 67 LOAD start date: 5 June '04 Times (24hrs): Start 0225 End 0249

Condition of screening: Port ____ Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, silt, clay

Weather conditions: ____

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

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

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

Waves: 1 - 2 ft Wind (speed & direction): ____

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

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

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

PORT SCREEN CONTENTS: grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

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: ____ % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: Jennifer Perewiznyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PE-04-C-0055 Maintenance X /New Work _____ PROJECT start date 1 June '04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alphadredge

DREDGE FIRM: B+B

LOAD #: 68 LOAD start date: 5 June '04 Times (24hrs): Start 0318 End 0345

Condition of screening: Port _____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ___ NO ___ Condition of deflector: _____

Type of material dredged: mud, clay, silt

Weather conditions: _____

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

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

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

Waves: 1-2 ft Wind (speed & direction): _____

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: grass, 1 blue crab, shrimp

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) _____

Shark (any species) _____

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: _____

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

Observer's name: Jennifer Perowitzyk Observer firm Coastose Consulting

Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0015 Maintenance X /New Work _____ PROJECT start date 1 June 04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: MV Alchatalaya

DREDGE FIRM: B+B

LOAD #: 69 LOAD start date: 5 June 04 Times (24hrs): Start 0412 End 0430

Condition of screening: Port _____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ___ NO ___ Condition of deflector: _____

Type of material dredged: mud, silt, clay

Weather conditions: _____

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
(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

12 = >63 knot/45

Waves: 0-1 ft Wind (speed & direction): _____

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: ~~grass~~

STARBOARD SCREEN CONTENTS: N/A

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: _____

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

Observer's name: Jennifer Pennington Observer firm Coastwise Consulting

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 10 LOAD start date: 5 June '04 Times (24hrs): Start 0502 End 0525

Condition of screening: Port ____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, silt, clay

Weather conditions: ____

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

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

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

Waves: 0 – 1 ft Wind (speed & direction): ____

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

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

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

PORT SCREEN CONTENTS: grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) 0

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: Jennifer Pereniznyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0015 Maintenance X /New Work ____ PROJECT start date 1 June 04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B & B

LOAD #: 71 LOAD start date: 5 June 04 Times (24hrs): Start 0553 End 0619

Condition of screening: Port ____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: hundhead Size of dragheads: 5'

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

Type of material dredged: mud, silt, clay

Weather conditions: ____

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

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

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

Waves: 0-1 ft Wind (speed & direction): ____

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: grass, 1 flounder, 2 starfish

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: Jennifer Perewitzky Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-005 Maintenance X /New Work ____ PROJECT start date 1 Jun

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/v Alchafalaya

DREDGE FIRM: B + B

LOAD #: 72 LOAD start date: 5 June 04 Times (24hrs): Start 0643 End 0705

Condition of screening: Port ____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, silt, clay

Weather conditions: ____

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

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

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

Waves: 0 - 1 ft Wind (speed & direction): ____

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

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

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

PORT SCREEN CONTENTS: grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: Jennifer Berewiznyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912BZ-04-D-0005 Maintenance X /New Work _____ PROJECT start date 1 June '04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchatalaya

DREDGE FIRM: B+B

LOAD #: 13 LOAD start date: 5 June '04 Times (24hrs): Start 0738 End 0824

Condition of screening: Port _____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ___ NO ___ Condition of deflector: _____

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

Weather conditions: _____

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: grass, 2 blue crab, 2 spider crabs

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) _____

Horseshoe crab _____

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: _____

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

Observer's name: Jennifer Jeruzinyk Observer firm Coastwise Consulting

Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-005 Maintenance X /New Work ____ PROJECT start date 1 June 2[illegible]

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 14 LOAD start date: 5 June '04 Times (24hrs): Start 0902 End 1013

Condition of screening: Port ____ Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, silt, sand

Weather conditions: ____

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

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

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

Waves: 0 - 1 ft Wind (speed & direction): ____

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: grass

STARBOARD SCREEN CONTENTS: N/A

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 ✓

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

Comments: ____

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

Observer's name: Jennifer Perewiznyk Observer firm Coastwise Consulting

Observer signature [signature]

Stations: 1905-193

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-005 Maintenance X /New Work ____ PROJECT start date 1 June 20[illegible]

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/v Atchafalaya

DREDGE FIRM: B + B

LOAD #: 15 LOAD start date: 5 June 04 Times (24hrs): Start 1052 End 1130

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ___ NO ___ Condition of deflector: W

Type of material dredged: Sand

Weather conditions: P/C

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

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

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

Waves: 0-1 ft Wind (speed & direction): W

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 82 °C/°F Column (mid-depth) 81 °C/°F Bottom 81 °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: SAND

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: Jennifer Perewiznyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchafalaya

DREDGE FIRM: B+B

LOAD #: 76 LOAD start date: 5 June 04 Times (24hrs): Start 1154 End 1318

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand

Weather conditions: P/C

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): SW

AIR TEMP: 85 °C/(F)

WATER TEMP: Surface 82 °C/(F) Column (mid-depth) 84 °C/(F) Bottom 81 °C/(F)

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

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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: Kimberly Farmer Observer firm Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/v Atchafalaya

DREDGE FIRM: B + B

LOAD #: 77 LOAD start date: 5 June 05 Times (24hrs): Start 1348 End 1436

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: SAND

Weather conditions: P/C

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): SW

AIR TEMP: 88 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F Column (mid-depth) 80 °C/°F Bottom 80 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab 1-Blue CRAB

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

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

Comments: ____

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

Observer's name: Kimberly Peters Observer firm Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0055 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B + B

LOAD #: 78 LOAD start date: 5 June 04 Times (24hrs): Start 1506 End 1559

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: SAND

Weather conditions: Partly Cloudy

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

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

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

Waves: ____ ft Wind (speed & direction): SW

AIR TEMP: 88 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 84 °C (F) Column (mid-depth) 80 °C (F) Bottom 80 °C (F)

SCREEN TYPE

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

PORT SCREEN CONTENTS: ____

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Peters Observer firm Coastal Consultants

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-P-005 Maintenance X /New Work ____ PROJECT start date 1 June 20[illegible]

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/v Alchatalaya

DREDGE FIRM: B + B

LOAD #: 79 LOAD start date: 5 June 04 Times (24hrs): Start 1629 End 1720

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand, Silt

Weather conditions: Sunny

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

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

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

Waves: ____ ft Wind (speed & direction): SW

AIR TEMP: 88 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 81 °C/°F Column (mid-depth) 80 °C/°F Bottom 80 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: Kimberly [illegible] Observer firm Coastwise

Observer signature [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-005 Maintenance X /New Work ____ PROJECT start date 1 June 20

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/v Atchafalaya

DREDGE FIRM: B + B

LOAD #: 80 LOAD start date: 5 June 04 Times (24hrs): Start ____ End ____

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: SAND + Silt

Weather conditions: Sunny

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

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

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

Waves: ____ ft Wind (speed & direction): SW

AIR TEMP: 88 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 8 °C/°F Column (mid-depth) 80 °C/°F Bottom 8 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: [illegible] Observer firm Coastwise Consulting

Observer signature [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/v Atchafalaya

DREDGE FIRM: B + B

LOAD #: 80 LOAD start date: 5 June 04 Times (24hrs): Start 1931 End 2028

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand + Silt

Weather conditions: Sunny

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

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

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

Waves: ____ ft Wind (speed & direction): SW

AIR TEMP: 88 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 84 °C/°F Column (mid-depth) 80 °C/°F Bottom 80 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Patton Observer firm Coastwise

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-005 Maintenance X /New Work ____ PROJECT start date 1 June 200[illegible]

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/v Atchafalaya

DREDGE FIRM: B + B

LOAD #: 82 LOAD start date: 5 June 04 Times (24hrs): Start 2100 End 2156

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand, Silt

Weather conditions: Clear

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

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

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

Waves: ____ ft Wind (speed & direction): SW

AIR TEMP: 88 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 84 °C/°F Column (mid-depth) 80 °C/°F Bottom 80 °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: TRASH

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: [illegible] Observer firm: [illegible]

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchatalaya

DREDGE FIRM: B+B

LOAD #: 83 LOAD start date: 5 June 04 Times (24hrs): Start 2231 End 2328

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: SAND & Silt

Weather conditions: P/C

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
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

12 = >63 knot/43

Waves: ____ ft Wind (speed & direction): SW

AIR TEMP: 82 °C (F)

WATER TEMP: Surface 30 °C (F) Column (mid-depth) 79 °C (F) Bottom 77 °C (F)

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

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: grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab 0

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: [illegible] Observer firm Coastwise

Observer signature [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PS-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June '04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 84A LOAD start date: 5 June'04 Times (24hrs): Start 2355 End 2400

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: Mudhead Size of dragheads: 5'

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

Type of material dredged: sand, mud, silt

Weather conditions: P/C

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

Beaufort Sea States (Wind/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): SW

AIR TEMP: 80 °C/(F)

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

WATER TEMP: Surface 80 °C/(F) Column (mid-depth) 79 °C/(F) Bottom 79 °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: grass

STARBOARD SCREEN CONTENTS: N/A

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: ____

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

Observer's name: Jennifer Krzewinski Observer firm Coastwise Consulting

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C0005 Maintenance X /New Work ____ PROJECT start date 1 June 20

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 84 B LOAD start date: 6 June '04 Times (24hrs): Start 0000 End 0045

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, sand, silt

Weather conditions: P/C

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): SW

AIR TEMP: 80 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C/°F Column (mid-depth) 79 °C/°F Bottom 79 °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: grass

STARBOARD SCREEN CONTENTS: N/A

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:

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

Observer's name: Jennifer Perewlznyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-D0005 Maintenance X /New Work ____ PROJECT start date 1 June '04

PROJECT NAME: Mobile Harper Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 85 LOAD start date: 6 June '04 Times (24hrs): Start 0410 End 0201

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, sand, silt

Weather conditions: P/C

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): ~~SW~~ light Variable

AIR TEMP: 80 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C (F) Column (mid-depth): 79 °C (F) Bottom 79 °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: grass

STARBOARD SCREEN CONTENTS: N/A

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: ____

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

Observer's name: Jennifer Fereirzyn Observer firm Louhouse Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June '04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchatalaya

DREDGE FIRM: B + B

LOAD #: 06 A LOAD start date: 6 June '04 Times (24hrs): Start 0226 End ~~0302~~ 0320

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, sand, silt

Weather conditions: F/C

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
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

12 = >63 knot/45

Waves: ____ ft Wind (speed & direction): SW

AIR TEMP: 80 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C (F) Column (mid-depth) 79 °C (F) Bottom 79 °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: grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: Jennifer Perewznyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C0005 Maintenance X /New Work ____ PROJECT start date 1 June 200-

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 86B LOAD start date: 6 June '04 Times (24hrs): Start 0304 End 0319

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, silt, sand

Weather conditions: P/C

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: 80 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C/(°F) Column (mid-depth) 79 °C/(°F) Bottom 79 °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: grass

STARBOARD SCREEN CONTENTS: N/A

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:

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

Observer's name: Jennifer Pereuzny Observer firm Coastwise Consulting

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Mv Alchafalaya

DREDGE FIRM: B + B

LOAD #: 87 LOAD start date: 6 June '04 Times (24hrs): Start 0346 End 0441

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of drugheads in use: 1 Type of drageheads used: mudhead Size of drageheads: 5'

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

Type of material dredged: mud, silt, sand

Weather conditions: P/C

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): SSE

AIR TEMP: 80 °C/(F)

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

WATER TEMP: Surface 80 °C/(F) Column (mid-depth) 79 °C/(F) Bottom 79 °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: grass, 2 spider crabs

STARBOARD SCREEN CONTENTS: N/A

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: ___

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

Observer's name: Jennifer Krewozyk Observer firm Coastwise Consulting

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PB-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 04

PROJECT NAME: Mobile Harper Outer Bar DREDGE NAME: Mv Alchafalaya

DREDGE FIRM: B+B

LOAD #: 00 LOAD start date: 6 June 04 Times (24hrs): Start 0500 End 0605

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, silt, sand

Weather conditions: P/C

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): SW

AIR TEMP: 80 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface ____ °C/°F Column (mid-depth) 79 °C/(F) Bottom 79 °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: grass

STARBOARD SCREEN CONTENTS: N/A

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: ____

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

Observer's name: Jennifer Prewitt Observer firm: Coastwise Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 20

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B + B

LOAD #: 09 LOAD start date: 6 June '04 Times (24hrs): Start 0641 End 0716

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, sand, silt

Weather conditions: P/C

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): SW

AIR TEMP: 81 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C/°F Column (mid-depth) 79 °C/°F Bottom 79 °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: grass

STARBOARD SCREEN CONTENTS: N/A

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:

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

Observer's name: Jennifer Pegrewiczyk Observer firm Coastwise Consulting

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchatalaya

DREDGE FIRM: B+B

LOAD #: 90 LOAD start date: 6 June '04 Times (24hrs): Start 0741 End 0844

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, silt, sand

Weather conditions: 11 C

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: 81 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C (F) Column (mid-depth) 79 °C (F) Bottom 79 °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: grass, 1 spider crab, 1 vertebrae

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Jennifer Pfaumann Observer firm Seaside Consulting

Observer signature: Jennifer Pfaumann

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/v Alchatalaya

DREDGE FIRM: B+B

LOAD #: 91 LOAD start date: 6 June '04 Times (24hrs): Start 0910 End 1002

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, silt, sand

Weather conditions: P/C

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
(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

12 = >63 knot/45

Waves: ____ ft Wind (speed & direction): SSE

AIR TEMP: 81 °C (F)

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

WATER TEMP: Surface 80 °C / F Column (mid-depth) 79 °C (F) Bottom 79 °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: grass

STARBOARD SCREEN CONTENTS: N/A

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 ✓

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: Jennifer Perewiznyk Observer firm Coastwise Consulting

Observer signature Jennifer Perewiznyk

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912F8-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchafalaya

DREDGE FIRM: B+B

LOAD #: 92 LOAD start date: 6 June 04 Times (24hrs): Start 1032 End 1122

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, silt, sand

Weather conditions: PC

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): SSE

AIR TEMP: 99 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/(F) Column (mid-depth) 79 °C/(F) Bottom 79 °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: grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: [illegible] Observer firm Coastwise

Observer signature [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PB-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alphatalaya

DREDGE FIRM: B+B

LOAD #: 93 LOAD start date: 1145 Times (24hrs): Start 1145 End 1247

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand, Mud, Silt

Weather conditions: Storms, Big Rain

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
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

12 = >63 knot/45

Waves: ____ ft Wind (speed & direction): S W

AIR TEMP: 74 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 79 °C (F) Column (mid-depth) 78 °C (F) Bottom 78 °C (F)

SCREEN TYPE

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

PORT SCREEN CONTENTS: ____

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

Number observers used/24hrs: 4 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: Kimberly Peters Observer firm Coastwise

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Mv Alchafalaya

DREDGE FIRM: B + B

LOAD #: 94 LOAD start date: 6 June 04 Times (24hrs): Start 1316 End 1404

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand + Silt

Weather conditions: Cloudy

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

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

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

Waves: _____ ft Wind (speed & direction): _____

AIR TEMP: 80 °C/F

WATER TEMP: Surface 82 °C (F) Column (mid-depth) 79 °C/F Bottom 79 °C/F

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

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: Trash + Grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) _____

Shark (any species) _____

Horseshoe crab _____

Blue crab _____

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

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: Kimberly Baker Observer firm Coastwise

Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912F8-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchafalaya

DREDGE FIRM: B + B

LOAD #: 95 LOAD start date: 6 June 04 Times (24hrs): Start 1435 End 1539

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand + Silt

Weather conditions: Sunny

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

Beaufort Sea States (Wind/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): S

AIR TEMP: 88 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C/(F) Column (mid-depth) 79 °C/(F) Bottom 79 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: [illegible] Observer firm Coastal

Observer signature: [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/v Alchatalaya

DREDGE FIRM: B+B

LOAD #: 96 LOAD start date: 6 June 04 Times (24hrs): Start 1552 End 1657

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: SAND + SILT

Weather conditions: Sunny

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

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

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

Waves: ____ ft Wind (speed & direction): S

AIR TEMP: 88 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C/°F Column (mid-depth) 79 °C/°F Bottom 79 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: [illegible] Observer firm Coastwise

Observer signature [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PE-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alphatalaya

DREDGE FIRM: B+B

LOAD #: 97 LOAD start date: ____ Times (24hrs): Start 1720 End 1815

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand + silt

Weather conditions: Sunny

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

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

0 = <1 knot/ 0 ft | 3 = 7-10 knot/ 2 ft | 6 = 22-27 knot/10 ft | 9 = 41-47 knot/23 ft | 12 = >63 knot/45

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

(2) = 4- 6 knot/ 0.5 ft | 5 = 17-21 knot/ 6 ft | 8 = 34-40 knot/18 ft | 11 = 56-63 knot/37 ft

Waves: ____ ft Wind (speed & direction): S

AIR TEMP: 88 °C (F)

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

WATER TEMP: Surface 80 °C (F) Column (mid-depth) 79 °C (F) Bottom 78 °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: TRASH

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: [illegible] Observer firm Coastwise

Observer signature [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200[illegible]

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchafalaya

DREDGE FIRM: B+B

LOAD #: 98 LOAD start date: ____ Times (24hrs): Start 1846 End 1955

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand, Silt, mud

Weather conditions: Partly Cloudy

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

Beaufort Sea States (Wind/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
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

12 = >63 knot/45

Waves: ____ ft Wind (speed & direction): N

AIR TEMP: 86 °C (F)

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

WATER TEMP: Surface 84 °C (F) Column (mid-depth) 80 °C (F) Bottom 80 °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: TRASH

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Foster Observer firm Coastwise

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PS-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchafalaya

DREDGE FIRM: B + B

LOAD #: 99 LOAD start date: 01 June 04 Times (24hrs): Start 2079 End 2179

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand, mud, silt

Weather conditions: Storms + Big winds

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): N

AIR TEMP: 79 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C (F) Column (mid-depth) 79 °C (F) Bottom 79 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: [signature] Observer firm Coastline

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200-

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchalaya

DREDGE FIRM: B+B

LOAD #: 100 LOAD start date 6 June 04 Times (24hrs): Start 2200 End 2257

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand, mud, silt

Weather conditions: Stormy

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): SW

AIR TEMP: 78 °C (F)

WATER TEMP: Surface 87 °C (F) Column (mid-depth) 80 °C (F) Bottom 80 °C (F)

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

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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- Sturgeon (any species) ____
- Shark (any species) ____
- Horseshoe crab ____
- Blue crab ____

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

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: K. Beverly Patton Observer firm: Constance

Observer signature: ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 101 A LOAD start date: 6 June 04 Times (24hrs): Start 2328 End 2400

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud sand, silt

Weather conditions: P/C

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: 75 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C/°F Column (mid-depth) 79 °C/°F Bottom 79 °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: grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: Jennifer Perewizzyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchafalaya

DREDGE FIRM: B+B

LOAD #: 101 B LOAD start date: 7 June 04 Times (24hrs): Start 0000 End 0022

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, sand, silt

Weather conditions: P/C

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

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

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

Waves: ____ ft Wind (speed & direction): ____

AIR TEMP: 15 °C (F)

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

WATER TEMP: Surface 80 °C (F) Column (mid-depth) 79 °C (F) Bottom 79 °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: grass, trash

STARBOARD SCREEN CONTENTS: N/A

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: ____

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

Observer's name: Jennifer Kerwizenyk Observer firm Coastwise Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Monk Harbor Outer Bar DREDGE NAME: M/v Alchafalaya

DREDGE FIRM: B+B

LOAD #: 102 LOAD start date: 1 June 04 Times (24hrs): Start 0049 End 0155

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: silt, sand

Weather conditions: P/C

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: 75 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C/°F Column (mid-depth) 79 °C/°F Bottom 79 °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: grass, trash, 1 red drum, 1 catfish, 1 ray, 1 blue crab

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

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: ____

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

Observer's name: Jennifer Perewizzyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June '04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Mv Alchafalaya

DREDGE FIRM: B J B

LOAD #: 103 LOAD start date: 7 June '04 Times (24hrs): Start 0223 End ~~0345~~ 0336

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand, Silt

Weather conditions: PC

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: 75 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C/(F) Column (mid-depth) 79 °C/(F) Bottom 79 °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: grass, trash

STARBOARD SCREEN CONTENTS: N/A

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: _____

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

Observer's name: Jennifer Ramirez Observer firm Coastal Consultants

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/v Atchafalaya

DREDGE FIRM: B + B

LOAD #: 104 LOAD start date: 7 June 04 Times (24hrs): Start 0408 End 0513

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand, silt

Weather conditions: P/C

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: 75 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C/(°F) Column (mid-depth) 79 °C/(°F) Bottom 79 °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: grass, trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Jennifer Perewiczyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912BA-04-D-0005 Maintenance X /New Work _____ PROJECT start date 1 June 04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchafalaya

DREDGE FIRM: B T B

LOAD #: 105 LOAD start date: 7 June 04 Times (24hrs): Start 0542 End 0635

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: sandy silt

Weather conditions: PC

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): SE

AIR TEMP: 15 °C (F)

WATER TEMP: Surface 80 °C (F) Column (mid-depth) 79 °C (F) Bottom 79 °C (F)

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

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: grass, trash, 1 blue crab, 1 spider crab

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) 0

Horseshoe crab ___

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: ___

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

Observer's name: Jennifer Reynolds Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June '04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchatalaya

DREDGE FIRM: B & B

LOAD #: 106 LOAD start date: 7 June '04 Times (24hrs): Start 0705 End 0810

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, sand, silt

Weather conditions: P/C

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): SE

AIR TEMP: 81 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C (F) Column (mid-depth) 79 °C (F) Bottom 79 °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: grass, trash

STARBOARD SCREEN CONTENTS: N/A

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: ____

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

Observer's name: Jennifer Farewell Observer firm Coastwise Consulting

Observer signature: Jennifer Farewell

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 20[illegible]

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 107 LOAD start date: 7 June '04 Times (24hrs): Start 0832 End 0930

Condition of screening: Port 1000 Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES X NO ___ Condition of deflector: 1000

Type of material dredged: mud, sand, silt

Weather conditions: P/C

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): SE

AIR TEMP: 81 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C/°F Column (mid-depth) 79 °C/°F Bottom 79 °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: ~~grash~~ grass, trash, 1 blue crab

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 0

Blue crab 1

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: Jennifer Peruzzyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June '04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchatalaya

DREDGE FIRM: B T B

LOAD #: 108 LOAD start date: 7 June '04 Times (24hrs): Start 1001 End 1057

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: sand, silt, mud

Weather conditions: P/C

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): SE

AIR TEMP: 29 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C (F) Column (mid-depth) 79 °C (F) Bottom 79 °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: grass, trash

STARBOARD SCREEN CONTENTS: N/A

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: ____

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

Observer's name: Jennifer Ferenczyk Observer firm Coastwise Consulting

Observer signature: Jennifer Ferenczyk

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912BU-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 09

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: MV Alchafalaya

DREDGE FIRM: B I B

LOAD #: 109 LOAD start date: 7 June 09 Times (24hrs): Start 1431 End 1822

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand, mud

Weather conditions: Sunny

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

Beaufort Sea States (Wind/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
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

12 = >63 knot/45

Waves: ____ ft Wind (speed & direction): SW

AIR TEMP: 86 °C (F) ('F = 9/5 ('C) + 32; 'C = 5/9 ('F - 32))

WATER TEMP: Surface 81 °C (F) Column (mid-depth) 80 °C (F) Bottom 86 °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: Trash + Grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: Kimberly Peters Observer firm Coastal

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PB-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Mv Alchafalaya

DREDGE FIRM: B + B

LOAD #: 110 LOAD start date: 7 Jun 04 Times (24hrs): Start 1249 End 1345

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand + Silt

Weather conditions: Sunny

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

Beaufort Sea States (Windy/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): SW

AIR TEMP: 88 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 87 °C (F) Column (mid-depth) 80 °C (F) Bottom 80 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: [illegible] Observer firm Contractor

Observer signature [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-D-0005 Maintenance X /New Work _____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchafalaya

DREDGE FIRM: B+B

LOAD #: 111 LOAD start date: 7 June 04 Times (24hrs): Start 1414 End 1507

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: SAND & Silt

Weather conditions: Sunny

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

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

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

Waves: _____ ft Wind (speed & direction): SW

AIR TEMP: 88 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 84 °C (F) Column (mid-depth) 86 °C / F Bottom 82 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) _____

Shark (any species) _____

Horseshoe crab _____

Blue crab _____

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

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

Comments: _____

Number observers used/24hrs: 4 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: [illegible] Observer firm Coastwise

Observer signature: [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alphatalaya

DREDGE FIRM: B+B

LOAD #: 172 LOAD start date: 7 Jun 04 Times (24hrs): Start 1534 End 1648

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Silty-Silt

Weather conditions: Sunny

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

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

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

Waves: ____ ft Wind (speed & direction): SW

AIR TEMP: 88 °C (F)

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

WATER TEMP: Surface 84 °C (F) Column (mid-depth) 80 °C (F) Bottom 80 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Peters Observer firm Coastrus

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-D-0005 Maintenance X / New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alphatalaya

DREDGE FIRM: B+B

LOAD #: 113 LOAD start date: 7 June 04 Times (24hrs): Start 1711 End 1810

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand & silt

Weather conditions: Sunny

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

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

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

Waves: ____ ft Wind (speed & direction): ____

AIR TEMP: 89 °C/(F) ((°F - 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 84 °C/(F) Column (mid-depth) 80 °C/(F) Bottom 80 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

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

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

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: Kimberly Peter Observer firm Coastwise

Observer signature: ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PB-04-D-0005 Maintenance X /New Work _____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchatalaya

DREDGE FIRM: B+B

LOAD #: 114 LOAD start date: 7 June 04 Times (24hrs): Start 1838 End 1938

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand + Silt

Weather conditions: P/C

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): SW

AIR TEMP: 82 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 84 °C (F) Column (mid-depth) 80 °C (F) Bottom 80 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) _____

Shark (any species) _____

Horseshoe crab _____

Blue crab _____

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

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: Kimberly Yates Observer firm Coastwise

Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alohatalaya

DREDGE FIRM: B+B

LOAD #: 115 LOAD start date: 7 June 04 Times (24hrs): Start 2001 End 2104

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand + Silt

Weather conditions: P/C

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): SW

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: TRASH

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Patas Observer firm Coastwise

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912BE-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchatalaya

DREDGE FIRM: B T B

LOAD #: 116 LOAD start date: 7 June Times (24hrs): Start 2336 End 2239

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: SAND + Silt

Weather conditions: P/C

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

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

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

Waves: ____ ft Wind (speed & direction): S

AIR TEMP: 83 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 87 °C (F) Column (mid-depth) 80 °C (F) Bottom 80 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Peters Observer firm Coastwise

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchafalaya

DREDGE FIRM: B+B

LOAD #: 117 LOAD start date: 8 June '04 Times (24hrs): Start 0000 End 0013

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud/sand/silt

Weather conditions: P/C

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: 81 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C (F) Column (mid-depth) 79 °C (F) Bottom 79 °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: grass trash

STARBOARD SCREEN CONTENTS: N/A

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 2

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: Jennifer Pereniak Observer firm: Coastwise Consulting

Observer signature: Jennifer Pereniak

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchafalaya

DREDGE FIRM: B+B

LOAD #: 118 LOAD start date: 8 June '04 Times (24hrs): Start 0043 End 0143

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, sand, silt

Weather conditions: P/C

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): light & variable

AIR TEMP: 81 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C (F) Column (mid-depth) 79 °C (F) Bottom 79 °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: grass, trash, 3 blue crabs

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species)

Horseshoe crab

Blue crab 3

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

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

Comments: _____

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

Observer's name: Jennifer Ferwerda Observer firm Coastwise Consulting

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: My Atchafalaya

DREDGE FIRM: B+B

LOAD #: 119 LOAD start date: 8 June 04 Times (24hrs): Start 0208 End 0328

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, sand, silt

Weather conditions: P/C

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

Beaufort Sea States (Wind/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: 81 °C (F) ('F = 9/5 ('C) + 32; 'C = 5/9 ('F - 32))

WATER TEMP: Surface 80 °C (F) Column (mid-depth) 79 °C (F) Bottom 79 °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: grass, trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) 0

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: Jennifer Pawlowyk Observer firm Seaturtle Inc

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PB-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alphatalaya

DREDGE FIRM: B + B

LOAD #: 120 LOAD start date: 8 June '04 Times (24hrs): Start 0339 End 0442

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, sand, silt

Weather conditions: P/C

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: 80 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C (F) Column (mid-depth) 79 °C (F) Bottom 79 °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: grass, trash

STARBOARD SCREEN CONTENTS: N/A

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: ____

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

Observer's name: Jennifer Pereira Observer firm Coastwise Consulting

Observer signature: Jennifer Pereira

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 121 LOAD start date: 8 June '04 Times (24hrs): Start 0522 End 0606

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand, silt

Weather conditions: P/C

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: 82 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C/°F Column (mid-depth) 79 °C/°F Bottom 79 °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: trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 0

Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO 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: Jennifer Kriwiznyk Observer firm: Coastwise Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchatalaya

DREDGE FIRM: B+B

LOAD #: 122 LOAD start date: 8 June 04 Times (24hrs): Start 0628 End 0742

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sandy Silt

Weather conditions: P/C

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): SE

AIR TEMP: 86 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C/F Column (mid-depth) 79 °C/(F) Bottom 79 °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: ~~trash~~ grass, trash

STARBOARD SCREEN CONTENTS: N/A

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 ✓

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: Jennifer Perewiznyk Observer firm Coastwise Consulting

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harper Outer Bar DREDGE NAME: M/V Alchatalaya

DREDGE FIRM: B + B

LOAD #: 123 LOAD start date: 8 June 04 Times (24hrs): Start 0807 End 0915

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand, Silt

Weather conditions: P/C

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
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

12 = [illegible] knot/45

Waves: ____ ft Wind (speed & direction): SE

AIR TEMP: 87 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C (F) Column (mid-depth) 79 °C (F) Bottom 79 °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: grass, trash, 1 blue crab

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species)

Horseshoe crab

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: ____

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

Observer's name: Jennifer Perewizny Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Mv Atchafalaya

DREDGE FIRM: B+B

LOAD #: 124 LOAD start date: 8 June '04 Times (24hrs): Start 0946 End 1112

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand, silt

Weather conditions: P/C

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

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

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

Waves: ____ ft Wind (speed & direction): SE

AIR TEMP: 87 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C (F) Column (mid-depth) 79 °C (F) Bottom 79 °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: TIRE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Patch Observer firm Coastline

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912F8-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchatalaya

DREDGE FIRM: B + B

LOAD #: 125 LOAD start date: 8 Jun 04 Times (24hrs): Start 1442 End 1547

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand, Mud

Weather conditions: Mostly 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: ____ ft Wind (speed & direction): SW

AIR TEMP: 89 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 84 °C (F) Column (mid-depth) 82 °C (F) Bottom 80 °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: Small amount plastic + grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: [illegible] Observer firm Coastal

Observer signature [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-D-0005 Maintenance X /New Work _____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Hy Aleshire Jr

DREDGE FIRM: T & B

LOAD #: 126 LOAD start date: 9 March Times (24hrs): Start 1320 End 1417

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: winghead Size of dragheads: 5'

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

Type of material dredged: Sand, silt

Weather conditions: Mostly Sunny

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

Beaufort Sea States (Wind/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): SW

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

WATER TEMP: Surface 57 °C(F) Column (mid-depth) 60 °C(F) Bottom 60 °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: Plastic

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) _____

Shark (any species) _____

Horseshoe crab _____

Blue crab _____

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

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

Comments: _____

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

Observer's name: [illegible] Observer firm [illegible]

Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/v Alohatalaya

DREDGE FIRM: B + B

LOAD #: 127 LOAD start date: 8 June 04 Times (24hrs): Start 1450 End 1577

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: SAND + Silt

Weather conditions: Mostly 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: ____ ft Wind (speed & direction): SW

AIR TEMP: 88 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 81 °C/(°F) Column (mid-depth) 80 °C/(°F) Bottom 80 °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: Rope pieces, well shell

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: [illegible] Observer firm Coastwise Consul...

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchafalaya

DREDGE FIRM: B+B

LOAD #: 128 LOAD start date: ____ Times (24hrs): Start 1615 End 1713

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: ____

Weather conditions: Sunny, partial clouds

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

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

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

Waves: ____ ft Wind (speed & direction): SW

AIR TEMP: 88 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 81 °C/(°F) Column (mid-depth) 80 °C/(°F) Bottom 80 °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: Plastic

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Patse Observer firm Coastal Consult

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PR-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alphatalaya

DREDGE FIRM: B+B

LOAD #: 129 LOAD start date: ____ Times (24hrs): Start 1742 End 1832

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: SAND + mud (stinky)

Weather conditions: Sunny

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

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

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft
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

		12 = >63 knot/45

Waves: ____ ft Wind (speed & direction): SW

AIR TEMP: 88 °C (F)

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

WATER TEMP: Surface 87 °C (F) Column (mid-depth) 80 °C (F) Bottom 86 °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: Grass + trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Peters Observer firm Coastwise

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alphatrader

DREDGE FIRM: B+B

LOAD #: 130 LOAD start date: 8 June 04 Times (24hrs): Start 1920 End 2027

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: Mudhead Size of dragheads: 5'

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

Type of material dredged: SAND + mud

Weather conditions: P/C

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

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

0 = <1 Knot/ 0 ft	(5) = 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): SW

AIR TEMP: 88 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 87 °C (F) Column (mid-depth) 80 °C (F) Bottom 80 °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: trash + grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

Number observers used/24hrs: 4 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: [illegible] Observer firm Coastwise Consulting

Observer signature [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchalaylayer

DREDGE FIRM: B + B

LOAD #: 131 LOAD start date: 8 June 04 Times (24hrs): Start 2100 End 2219

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand + mud

Weather conditions: Partly cloudy

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

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

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

Waves: ____ ft Wind (speed & direction): SW

AIR TEMP: 84 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 31 °C (F) Column (mid-depth) 30 °C (F) Bottom 30 °C (F)

SCREEN TYPE

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

PORT SCREEN CONTENTS: Southern Stingray

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

Number observers used/24hrs: 4 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: K Kimberly Fabus Observer firm: Coastal Environmental

Observer signature: KF

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: MV Alchalaya

DREDGE FIRM: B T B

LOAD #: 132 LOAD start date: 8 June 07 Times (24hrs): Start 2252 End 2345

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: SAND, mud, & Silt

Weather conditions: Partly Cloudy

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

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

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

Waves: ____ ft Wind (speed & direction): SW

AIR TEMP: 82 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 84 °C (F) Column (mid-depth) 80 °C (F) Bottom 80 °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: Sand, Silt

STARBOARD SCREEN CONTENTS: N/A

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 ✓

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: Jennifer Pennington Observer firm: Coastal Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 133 LOAD start date: 9 June '04 Times (24hrs): Start 0345 End 0452

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: sand silt

Weather conditions: P/C

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 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: 80 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C/(F) Column (mid-depth) 79 °C/(F) Bottom 79 °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: grass, trash

STARBOARD SCREEN CONTENTS: N/A

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: ____

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

Observer's name: Jennifer Ferguson Observer firm Coastwise Consulting

Observer signature Jennifer Ferguson

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-P-0005 Maintenance X /New Work ____ PROJECT start date 1 June '04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchafalaya

DREDGE FIRM: B+B

LOAD #: 134 LOAD start date: 9 June '04 Times (24hrs): Start 0523 End 0635

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: sand, silt

Weather conditions: PC

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

Beaufort Sea States (Windy/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): SW

AIR TEMP: 85 °C (F)

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

WATER TEMP: Surface 30 °C (F) Column (mid-depth) 29 °C (F) Bottom 29 °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: grass, trash, clay

STARBOARD SCREEN CONTENTS: N/A

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 ✓

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: Jennifer Perewitt Observer firm: Coastwise Consulting

Observer signature: ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B + B

LOAD #: 135 LOAD start date: 9 June '04 Times (24hrs): Start 0703 End 0805

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand, silt

Weather conditions: P/C

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: 85 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C/(F) Column (mid-depth) 79 °C/(F) Bottom 79 °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: grass, trash

STARBOARD SCREEN CONTENTS: N/A

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: ____

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

Observer's name: Jennifer Perkuzzyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June '04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alphatalaya

DREDGE FIRM: B + B

LOAD #: 136e LOAD start date: 9 June '04 Times (24hrs): Start 0836 End 0949

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: sand, silt

Weather conditions: P/C

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): SW

AIR TEMP: 86 °C (F)

WATER TEMP: Surface 80 °C (F) Column (mid-depth) 79 °C (F) Bottom 79 °C (F)

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

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: grass, trash, 1 blue crab

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species)

Horseshoe crab

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: ____

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

Observer's name: Jennifer Perruzzi Observer firm Coastwise Consulting

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PB-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 06

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alphatalaya

DREDGE FIRM: B+B

LOAD #: 137 LOAD start date: 4 Jun 06 Times (24hrs): Start 1022 End ____

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: SAND + mud

Weather conditions: Partly cloudy

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

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

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

(2) Waves: ____ ft Wind (speed & direction): Variable

AIR TEMP: 88 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 81 °C (F) Column (mid-depth) 80 °C (F) Bottom 80 °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 + trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Peters Observer firm Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchatalaya

DREDGE FIRM: B+B

LOAD #: 138 LOAD start date: 9 June 04 Times (24hrs): Start 1214 End 1328

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand + mud

Weather conditions: P/C

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
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

12 = >63 knot/45

Waves: ____ ft Wind (speed & direction): variable

AIR TEMP: 88 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 87 °C/(F) Column (mid-depth) 86 °C/(F) Bottom 86 °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: Metal + Rubber

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Foster Observer firm Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PS-04-D-0005 Maintenance X / New Work ____ PROJECT start date 1 June 04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchafalaya

DREDGE FIRM: B+B

LOAD #: 139 LOAD start date: 9 June 04 Times (24hrs): Start 1400 End 1527

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: SAND + mud

Weather conditions: P/C

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): Variable

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

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: Tire

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: Dead floating carapace near Green Buoy #7 IN DTC site - No flippers or head - Dead awhile

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

Observer's name: Kimberly Peters Observer firm Coastwise Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alphatrader

DREDGE FIRM: B+B

LOAD #: 140 LOAD start date: 9 June 04 Times (24hrs): Start 1548 End 1705

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand & mud

Weather conditions: P/C

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

Beaufort Sea States (Wind/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): Variable

AIR TEMP: 88 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 82 °C (F) Column (mid-depth) 82 °C (F) Bottom 81 °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: TRASH

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

Number observers used/24hrs: 4 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: Kimberly Peters Observer firm Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912BR-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 06

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: MV Alphatrader

DREDGE FIRM: B+B

LOAD #: 141 LOAD start date: 9 June 06 Times (24hrs): Start 1948 End 1906

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand & Mud

Weather conditions: P/C

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

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

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

Waves: ____ ft Wind (speed & direction): Variable

AIR TEMP: 85 °C (°F - 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 82 °C Column (mid-depth) 82 °C Bottom 82 °C

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: Grass, rubber, pipe, plastic

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Parker Observer firm Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912 78-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 09

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alphatrader

DREDGE FIRM: [illegible]

LOAD #: 142 LOAD start date: 2 June 09 Times (24hrs): Start 1943 End 2104

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand, mud

Weather conditions: Partly cloudy

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

Beaufort Sea States (Wind/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): SW

AIR TEMP: 83 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 82 °C (F) Column (mid-depth) 81 °C (F) Bottom 81 °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: Grass, Rubber, Metal

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: [illegible] Dexter

Observer signature [illegible]

Observer firm Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alamatalaya

DREDGE FIRM: B+B

LOAD #: 144 LOAD start date: 10 June '04 Times (24hrs): Start 0000 End 2038

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand, silt, mud

Weather conditions: P/C

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: 83 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C (F) Column (mid-depth) 79 °C (F) Bottom 79 °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: grass trash

STARBOARD SCREEN CONTENTS: N/A

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: ____

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

Observer's name: Jennifer Brewinski Observer firm Coastwise Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchatalaya

DREDGE FIRM: B+B

LOAD #: 145 LOAD start date: 10 June '04 Times (24hrs): Start 0113 End 0317

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: sand, mud, silt

Weather conditions: P/C

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: 82 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C/°F Column (mid-depth) 79 °C/°F Bottom 79 °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: grass trash

STARBOARD SCREEN CONTENTS: N/A

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:

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

Observer's name: Jennifer Perowitz Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-T-0005 Maintenance X /New Work ____ PROJECT start date 15 June '04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alphatrader

DREDGE FIRM: B+B

LOAD #: 146 LOAD start date: 19 June '04 Times (24hrs): Start 0350 End 0510

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, sand, silt

Weather conditions: P/C

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): SE

AIR TEMP: 82 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C (F) Column (mid-depth) 79 °C (F) Bottom 79 °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: grass, trash

STARBOARD SCREEN CONTENTS: N/A

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:

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

Observer's name: Jennifer Berewizayk Observer firm Coastwise Consulting

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PB-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June '04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alcha Lafayette

DREDGE FIRM: B+B

LOAD #: 147 LOAD start date: 10 June '04 Times (24hrs): Start 0546 End 0637

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, sand, silt

Weather conditions: PC

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: 83 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/(F) Column (mid-depth) 79 °C/(F) Bottom 79 °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: grass, trash, 2 blue crabs

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 0

Blue crab 2

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

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

Comments: ____

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

Observer's name: Jennifer Perruzzi Observer firm: Coastwise Consulting

Observer signature: Jennifer Perruzzi

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchatalaya

DREDGE FIRM: B & B

LOAD #: 148 LOAD start date: 10 June 04 Times (24hrs): Start 0707 End 0827

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud sand

Weather conditions: Partly Cloudy

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

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

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

Waves: ____ ft Wind (speed & direction): SE

AIR TEMP: 86 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C/°F Column (mid-depth) 79 °C/°F Bottom 79 °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: grass, trash

STARBOARD SCREEN CONTENTS: N/A

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:

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

Observer's name: Jennifer Perewiznyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchatalaya

DREDGE FIRM: B+B

LOAD #: 149 LOAD start date: 10 June '04 Times (24hrs): Start 0854 End 1015

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: ~~Partly Cla~~ mud, sand,

Weather conditions: Partly Cloudy

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

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

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

Waves: ____ ft Wind (speed & direction): ____

AIR TEMP: 92 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C/°F Column (mid-depth) 79 °C/°F Bottom 79 °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: grass, trash

STARBOARD SCREEN CONTENTS: N/A

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:

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

Observer's name: Jennifer Perewiznyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchatalaya

DREDGE FIRM: B+B

LOAD #: 150 LOAD start date: 10 June '04 Times (24hrs): Start 1048 End 1216

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud sand

Weather conditions: P. Cloudy

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

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

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

Waves: ____ ft Wind (speed & direction): SW

AIR TEMP: 90 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C/°F Column (mid-depth) 79 °C/°F Bottom 79 °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: Plastic

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Patrick Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchafalaya

DREDGE FIRM: B + B

LOAD #: 151 LOAD start date: 10 June 04 Times (24hrs): Start 1252 End 1413

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of draghends used: mudhead Size of draghends: 5'

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

Type of material dredged: Sand + mud

Weather conditions: Mostly 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: ____ ft Wind (speed & direction): SW

AIR TEMP: 90 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 82 °C/°F Column (mid-depth) 81 °C/°F Bottom 81 °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: trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Patton Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PX-04-F-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alphatalaya

DREDGE FIRM: B+B

LOAD #: 152 LOAD start date: 10 June 04 Times (24hrs): Start 1445 End 1619

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: SAND, mud

Weather conditions: P/C

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): SW

AIR TEMP: 89 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C (E) Column (mid-depth) 84 °C (F) Bottom 84 °C (G)

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: Fiberglass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

Number observers used/24hrs: 4 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: [redacted] Observer firm Coastwise Consulting

Observer signature ____

1619
1856

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchatalaya

DREDGE FIRM: B+B

LOAD #: 153 LOAD start date: 10 June 04 Times (24hrs): Start 1651 End 1825

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand + mud

Weather conditions: Sunny

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

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

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

Waves: ____ ft Wind (speed & direction): SW

AIR TEMP: 89 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C/°F Column (mid-depth) 84 °C/°F Bottom 84 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Petrus Observer firm Coastwise Consulting

Observer signature KP

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-2005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchafalaya

DREDGE FIRM: B+B

LOAD #: 154 LOAD start date: 10 June 04 Times (24hrs): Start 1856 End 2028

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: ~~Clear~~ Sand & mud

Weather conditions: Clear

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

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

0 = 1 - 41 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 56-63 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): SW

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C/°F Column (mid-depth) 84 °C/°F Bottom 84 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Patton Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchatalaya

DREDGE FIRM: B+B

LOAD #: 155 LOAD start date: 10 June 04 Times (24hrs): Start 2101 End 2230

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand + mud

Weather conditions: Clear

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

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

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

Waves: ____ ft Wind (speed & direction): SW

AIR TEMP: 83 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C/°F Column (mid-depth) 84 °C/°F Bottom 84 °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: 3 Blue CRAB + 2 EELS Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 0

Blue crab 3

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

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

Comments:

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

Observer's name: [signature] Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: MV Alcha Atchafalaya

DREDGE FIRM: B+B

LOAD #: 156A LOAD start date: 10 June '04 Times (24hrs): Start 2304 End 2400

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Mud/sand

Weather conditions: Clear

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

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

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

Waves: ____ ft Wind (speed & direction): ____

AIR TEMP: 83 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C (F) Column (mid-depth) 79 °C (F) Bottom 79 °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: grass, trash

STARBOARD SCREEN CONTENTS: N/A

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: ____

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

Observer's name: Jennifer Ferguson Observer firm Coastwise Consulting

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June '04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alpha Talaya

DREDGE FIRM: B+B

LOAD #: 157 LOAD start date: 11 June '04 Times (24hrs): Start 0116 End 0255

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, sand

Weather conditions: clear

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

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

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

Waves: ____ ft Wind (speed & direction): ____

AIR TEMP: 80 °C/(F)

WATER TEMP: Surface 80 °C/(F) Column (mid-depth) 79 °C/(F) Bottom 79 °C/(F)

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

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: grass trash

STARBOARD SCREEN CONTENTS: N/A

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 ✓

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: Jennifer Permenter Observer firm Coastwise Consulting

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June '04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchalaya

DREDGE FIRM: B + B

LOAD #: 158 LOAD start date: 11 June '04 Times (24hrs): Start 0326 End 0459

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud sand

Weather conditions: P. Cloudy

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

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

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

Waves: ____ ft Wind (speed & direction): ____

AIR TEMP: 80 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C (F) Column (mid-depth) 79 °C (F) Bottom 79 °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: grass, trash

STARBOARD SCREEN CONTENTS: N/A

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: ____

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

Observer's name: Jennifer Pennycuff Observer firm Coastwise Consulting

Observer signature: Jennifer Pennycuff

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912BT-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June '04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alamatama

DREDGE FIRM: B+B

LOAD #: 159 LOAD start date: 11 June '04 Times (24hrs): Start 0530 End 0653

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, sand

Weather conditions: P. Cloudy

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

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

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft
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): SE SW

AIR TEMP: 89 °C/(F)

WATER TEMP: Surface 80 °C/(F) Column (mid-depth) 79 °C/(F) Bottom 79 °C/(F)

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

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: grass, trash

STARBOARD SCREEN CONTENTS: N/A

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:

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

Observer's name: Jennifer Perewiznyk Observer firm Coastwise Consulting

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchatalaya

DREDGE FIRM: B+B

LOAD #: 160 LOAD start date: 11 June '04 Times (24hrs): Start 0729 End 0858

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, sand

Weather conditions: P. Cloudy, thunderstorm clouds

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

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

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

Waves: ____ ft Wind (speed & direction): ____

AIR TEMP: 89 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F Column (mid-depth) 79 °C/°F Bottom 79 °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: grass, trash

STARBOARD SCREEN CONTENTS: N/A

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:

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

Observer's name: Jennifer Gerewizard Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchafalaya

DREDGE FIRM: B + B

LOAD #: 161 LOAD start date: 11 June '04 Times (24hrs): Start 0940 End 1048

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: mud, sand

Weather conditions: P. Cloudy

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

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

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/43
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: 89 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C/(F) Column (mid-depth) 79 °C/(F) Bottom 79 °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: grass, trash

STARBOARD SCREEN CONTENTS: N/A

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:

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

Observer's name: Jennifer Perewiznyk Observer firm Coastwise Consulting

Observer signature [signature]

Section #3: 1865-1905

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PB-04-F-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchafalaya

DREDGE FIRM: B+B

LOAD #: 162 LOAD start date: 11 June '04 Times (24hrs): Start 1129 End 1220

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: SAND + mud

Weather conditions: Sunny some clouds

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

Beaufort Sea States (Wind/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): S W

AIR TEMP: 87 °C (F)

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

WATER TEMP: Surface 85 °C (F) Column (mid-depth) 84 °C (F) Bottom 84 °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: TRASH

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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 Kimberly Peters Observer firm Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PB-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: MV Alphatalaya

DREDGE FIRM: B + B

LOAD #: 163 LOAD start date: ____ Times (24hrs): Start 1302 End 1410

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand + mud

Weather conditions: Mostly sunny

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

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

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

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

2 = 4-6 knot/ 0.5 ft 5 = 17-21 knot/ 6 ft 8 = 34-40 knot/18 ft 11 = 56-63 knot/37 ft

Waves: ____ ft Wind (speed & direction): SW

AIR TEMP: 89 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C (F) Column (mid-depth) 84 °C (F) Bottom 84 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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: Kimberly Patton Observer firm Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912F8-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alamo Gulf

DREDGE FIRM: B+B

LOAD #: 164 LOAD start date: ____ Times (24hrs): Start 1449 End 1615

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand + mud

Weather conditions: Mostly Sunny

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

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

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

Waves: ____ ft Wind (speed & direction): SW

AIR TEMP: 90 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C (F) Column (mid-depth) 84 °C (F) Bottom 54 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

Number observers used/24hrs: 4 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: [signature] Observer firm Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-F0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Mv Alchafalaya

DREDGE FIRM: B + B

LOAD #: 165 LOAD start date: 4 June 04 Times (24hrs): Start 1649 End 1756

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

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

Type of material dredged: Sand + mud

Weather conditions: Sunny

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

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

0 = <1 knot/ 0 ft	(5) 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): SW

AIR TEMP: 89 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C (F) Column (mid-depth) 84 °C (F) Bottom 84 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly Fabyan

Observer signature ____

Observer firm Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchafalaya

DREDGE FIRM: B+B

LOAD #: 166 LOAD start date: 11 June 04 Times (24hrs): Start 1834 End 1940

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand & mud

Weather conditions: Sunny

Tidal stage (CIRCLE ONE): Slack Rising High Falling (Low) Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(5) 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): SW

AIR TEMP: 85 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C/F Column (mid-depth) 84 °C/F Bottom 84.6 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO ✓

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: Kimberly Peters Observer firm Coastwise

Observer signature ____

25 5 6
25 8 1 6

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PS-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchafalaya

DREDGE FIRM: B+B

LOAD #: 167 LOAD start date: 11 June 04 Times (24hrs): Start 2020 End 2131

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand + mud

Weather conditions: Sunny

Tidal stage (CIRCLE ONE): Slack Rising High Falling (Low) Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(3) 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45	
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft		
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft		

Waves: ____ ft Wind (speed & direction): 5 W

AIR TEMP: 82 °C / F ('F = 9/5 ('C) + 32; 'C = 5/9 ('F - 32))

WATER TEMP: Surface 84 °C / F Column (mid-depth) 83 °C / F Bottom 83 °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: Rubber tire & trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly Patton Observer firm Coastwise

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B + B

LOAD #: 168 LOAD start date: 11 Jun 04 Times (24hrs): Start 2211 End 2400

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: Sand + mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): SW

AIR TEMP: 79 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 84 °C/°F Column (mid-depth) 83 °C/°F Bottom 83 °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: grass, trash

STARBOARD SCREEN CONTENTS: N/A

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 ✓

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: Kimberly Patrus Observer firm Coastal

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-P-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: ~~1683~~ 169 LOAD start date: 12 June '04 Times (24hrs): Start 0022 End 0144

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: mud & sand

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1-3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4-6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): 15

AIR TEMP: 86 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C/°F Column (mid-depth) 84 °C/°F Bottom 84 °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: grass, trash, 1 spider crab, 1 catfish in tire

STARBOARD SCREEN CONTENTS: N/A

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:

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perewizoff Observer firm: Coastwise Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-01-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Hy Alpha Balaya

DREDGE FIRM: B + B

LOAD #: 170 LOAD start date: 12 June '04 Times (24hrs): Start 0216 End 0338

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: mud & sand

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = 1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
1 = 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): 15

AIR TEMP: 86 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C/°F Column (mid-depth) 84 °C/°F Bottom 84 °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: grass, trash, ~~[illegible]~~ dorsal alligator skull (juvenile)

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perewizyk Observer firm: Coastwise Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W9127S-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alamatalaya

DREDGE FIRM: B + B

LOAD #: 171 LOAD start date: 12 June 04 Times (24hrs): Start 2123 End 0540

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: mud & sand

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): ____

AIR TEMP: 86 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C (F) Column (mid-depth) 84 °C (F) Bottom 84 °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: grass trash

STARBOARD SCREEN CONTENTS: N/A

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: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: Jennifer Perewizyk Observer firm Coastwise Consulting

Observer signature: Jennifer Perewizyk

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchatalaya

DREDGE FIRM: B+B

LOAD #: 172 LOAD start date 2 June '04 Times (24hrs): Start 0612 End 0717

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: mud & sand

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/0 ft	3 = 7-10 knot/2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1-3 knot/0.25 ft	4 = 11-16 knot/4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4-6 knot/0.5 ft	5 = 17-21 knot/6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): SW

AIR TEMP: ____ °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C/°F Column (mid-depth) 84 °C/°F Bottom 84 °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: grass, trash, *

STARBOARD SCREEN CONTENTS: N/A

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:

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perewiznyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 Jun

PROJECT NAME: [illegible] DREDGE NAME: [illegible]

LOAD #: 173 LOAD start date: ~~0753~~ 12 Jun 04 DREDGE FIRM: [illegible]

Times (24hrs): Start 0753 End 0854

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: mud, sand

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): ____

AIR TEMP: 91 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C/°F Column (mid-depth) 84 °C/°F Bottom 84 °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: grass, trash

STARBOARD SCREEN CONTENTS: N/A

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: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Pprewiznyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912 78-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June [illegible]

PROJECT NAME: Monk Harper Outer Bar DREDGE NAME: M/V Alabama [illegible]

DREDGE FIRM: B + B

LOAD #: 174 LOAD start date: 17 June '04 Times (24hrs): Start 0929 End 1039

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: mud & sand

Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): ____

AIR TEMP: 96 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C/°F Column (mid-depth) 84 °C/°F Bottom 84 °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: grass, trash

STARBOARD SCREEN CONTENTS: N/A

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:

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perenizzyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 04

PROJECT NAME: Mobile Harbor Baker Bar DREDGE NAME: M/V Alabama

DREDGE FIRM: B & B

LOAD #: 175 LOAD start date: 12 June 04 Times (24hrs): Start 1125 End 1226

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of draghends used: mudhead Size of draghends: 5'

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand & silt

Weather conditions: Sunny

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1-3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4-6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): SW

AIR TEMP: 89 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 87 °C/°F Column (mid-depth) 86 °C/°F Bottom 86 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly Patrus Observer firm Coastwise

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-[illegible] Maintenance X /New Work ____ PROJECT start date 1 June [illegible]

PROJECT NAME: [illegible] DREDGE NAME: [illegible]

DREDGE FIRM: [illegible]

LOAD #: 176 LOAD start date: 12 June 04 Times (24hrs): Start 1305 End 1422

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES X NO ___ Condition of deflector: Good

Type of material dredged: Sand + Silt

Weather conditions: Sunny

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = [illegible] 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 = [illegible] knot/0.25 ft	4 = 11-16 knot/4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4-[illegible] 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): SW

AIR TEMP: 90 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C/°F Column (mid-depth) 84 °C/°F Bottom 84 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly Peters Observer firm: Coastwise

Observer signature: [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912BU-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 04

PROJECT NAME: Mobile Harbor Baker Pass DREDGE NAME: Mr Alphonse Gerica

DREDGE FIRM: B+B

LOAD #: 177 LOAD start date: 12 June 04 Times (24hrs): Start 1504 End 1643

Condition of screening: Port Closed Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: Winged Size of dragheads: 5'

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: SAND + SILT

Weather conditions: Sunny

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1-3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4-6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0 ft Wind (speed & direction): SW

AIR TEMP: 90 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 87 °C/F Column (mid-depth) 86 °C/F Bottom 86 °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: trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly Patrick Observer firm Coastwise

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-[illegible] Maintenance X /New Work ____ PROJECT start date 1 Jun [illegible]

PROJECT NAME: Mobile Harbor [illegible] DREDGE NAME: [illegible]

DREDGE FIRM: [illegible]

LOAD #: 178 LOAD start date: 12 Jun 04 Times (24hrs): Start 1717 End 1825

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES X NO ____ Condition of deflector: Good

Type of material dredged: [illegible]

Weather conditions: Sunny

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/0 ft	3 = 7-10 knot/2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1-3 knot/0.25 ft	4 = 11-16 knot/4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4-6 knot/0.5 ft	5 = 17-21 knot/6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): SW

AIR TEMP: 90 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 82 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly [illegible] Observer firm [illegible]

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: [illegible] Maintenance X /New Work ____ PROJECT start date 1 June 04

PROJECT NAME: [illegible] DREDGE NAME: [illegible]

DREDGE FIRM: [illegible]

LOAD #: 179 LOAD start date: 12 June 04 Times (24hrs): Start 1803 End 2020

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: hinged Size of dragheads: 5'

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand + Silt

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Wind/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): SW

AIR TEMP: 80 °C/F

WATER TEMP: Surface 84 °C/F Column (mid-depth) 83 °C/F Bottom 83 °C/F

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

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: RAY

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly [illegible] Observer firm: Coastal

Observer signature: [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: [illegible] Maintenance X /New Work ____ PROJECT start date [illegible]

PROJECT NAME: [illegible] DREDGE NAME: [illegible]

DREDGE FIRM: [illegible]

LOAD #: 180 LOAD start date: 12 June 04 Times (24hrs): Start 2053 Fin: 2213

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES X NO ____ Condition of deflector: Good

Type of material dredged: Sand + silt

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = [illegible]	3 = 7-10 Knots/2 ft	6 = 22-27 Knots/10 ft	9 = 41-47 Knots/23 ft	12 = [illegible]
1 = 1-3 Knots/0.25 ft	4 = 11-16 Knots/4 ft	7 = 28-33 Knots/14 ft	10 = 48-55 Knots/29 ft	
(2) 4-6 Knots/0.5 ft	5 = 17-21 Knots/6 ft	8 = 34-40 Knots/18 ft	11 = 56-63 Knots/37 ft	

Waves: ____ ft Wind (speed & direction): SW

AIR TEMP: 80 °C/F

(°F - 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 84 °C/F Column (mid-depth) 83 °C/F Bottom 83 °C/F

SCREEN TYPE

X	Inflow screening:	None	25%	50%	75%	(100%)
____	Overflow screening:	None	25%	50%	75%	100%
____	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: ____

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly [illegible] Observer firm: Coastal

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912BU-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 04

PROJECT NAME: Mobile Harbor Federal Proj DREDGE NAME: Mv Alamo

DREDGE FIRM: [illegible]

LOAD #: 181 A LOAD start date: 12 June '04 Times (24hrs): Start 2247 End 2400

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES X NO ___ Condition of deflector: Good

Type of material dredged: mud and sand

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low (Unknown)

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): ____

AIR TEMP: 86 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C (F) Column (mid-depth) 84 °C (F) Bottom 84 °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: grass trash

STARBOARD SCREEN CONTENTS: N/A

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: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: Jennifer Perruzzi Observer firm Coastal Design

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-[illegible] Maintenance X /New Work ____ PROJECT start date 1 June [illegible]

PROJECT NAME: [illegible] DREDGE NAME: [illegible]

DREDGE FIRM: [illegible]

LOAD #: 181 B LOAD start date: 13 June 04 Times (24hrs): Start 0000 End 0009

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES X NO ____ Condition of deflector: Good

Type of material dredged: [illegible]

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = [illegible] knot/0 ft	3 = 7-10 knot/2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = [illegible]
1 = [illegible] 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: 86 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C/°F Column (mid-depth) 84 °C/°F Bottom 84 °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: grass, trash, 1 blue crab

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perewitznyk Observer firm: Coastwise Consult[illegible]

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-[illegible] Maintenance X /New Work ____ PROJECT start date 1 June

PROJECT NAME: [illegible] DREDGE NAME: [illegible]

DREDGE FIRM: [illegible]

LOAD #: 182 LOAD start date: 13 June '04 Times (24hrs): Start 0042 End 0206

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES X NO ____ Condition of deflector: Good

Type of material dredged: mud and sand

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): ____

AIR TEMP: 86 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C/°F Column (mid-depth) 84 °C/°F Bottom 84 °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: grass, trash, 1 spider crab

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Jennifer Perewenyk Observer firm: Coastwis Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: [illegible] Maintenance X /New Work ____ PROJECT start date 13 June 04

PROJECT NAME: Mobile Harbor [illegible] DREDGE NAME: [illegible]

DREDGE FIRM: [illegible]

LOAD #: 185 LOAD start date: 13 June 04 Times (24hrs): Start 0855 End 0950

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: [illegible] Size of dragheads: 5'

Draghead deflector? YES X NO ___ Condition of deflector: Good

Type of material dredged: Mud and sand

Weather conditions: Hot Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = [illegible]	3 = 7-10 knots/2 ft	6 = 22-27 knots/10 ft	9 = 41-47 knots/23 ft	12 = >63 knots/45
1 = 1-3 knots/0.25 ft	4 = 11-16 knots/4 ft	7 = 28-33 knots/14 ft	10 = 48-55 knots/29 ft	
2 = 4-6 knots/0.5 ft	5 = 17-21 knots/6 ft	8 = 34-40 knots/18 ft	11 = 56-63 knots/37 ft	

Waves: _____ ft Wind (speed & direction): _____

AIR TEMP: 87 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C/F Column (mid-depth) 84 °C/F Bottom 84 °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: grass, trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO ___

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: [illegible] Observer firm [illegible]

Observer signature [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: [illegible] Maintenance X /New Work ____ PROJECT start date 1 June

PROJECT NAME: [illegible] DREDGE NAME: [illegible]

DREDGE FIRM: [illegible]

LOAD #: 184 LOAD start date: 13 Jun '04 Times (24hrs): Start 0435 End 0548

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES X NO ____ Condition of deflector: Good

Type of material dredged: Mud, Sand

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low (Unknown)

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = [illegible]	3 = 7-10 knots/2 ft	6 = 22-27 knots/10 ft	9 = 41-47 knots/23 ft
1 = [illegible]	4 = 11-16 knots/4 ft	7 = 28-33 knots/14 ft	10 = 48-55 knots/29 ft
2 = [illegible]	5 = 17-21 knots/6 ft	8 = 34-40 knots/18 ft	11 = 56-63 knots/37 ft

12 = [illegible]

Waves: ____ ft Wind (speed & direction): ____

AIR TEMP: 86 °C (F)

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C (F) Column (mid-depth) 84 °C (F) Bottom 82 °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: grass, trash

STARBOARD SCREEN CONTENTS: N/A

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: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: Jennifer Berrigan Observer firm Coastwise Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: [illegible] Maintenance X /New Work ____ PROJECT start date [illegible]

PROJECT NAME: [illegible] DREDGE NAME: [illegible]

DREDGE FIRM: [illegible]

LOAD #: [illegible] LOAD start date: [illegible] Times (24hrs): Start [illegible] End [illegible]

Condition of screening: Port [illegible] Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: [illegible]

Draghead deflector? YES X NO ____ Condition of deflector: [illegible]

Type of material dredged: [illegible]

Weather conditions: [illegible]

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: [illegible] °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface [illegible] °C/°F Column (mid-depth) [illegible] °C/°F Bottom [illegible] °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: [illegible]

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: [illegible] Observer firm: [illegible]

Observer signature ____

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-D0005 Maintenance X /New Work ____ PROJECT start date 1 June

PROJECT NAME: Mobile Harbor Entrance Bar DREDGE NAME: M/V Alphabetology

DREDGE FIRM: B & B

LOAD #: 186 LOAD start date: 13 June '04 Times (24hrs): Start 0805 End 0930

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES X NO ____ Condition of deflector: Good

Type of material dredged: mud and sand

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): ____

AIR TEMP: 90 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C/°F Column (mid-depth) 84 °C/°F Bottom 84 °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: grass, trash, 1 spider crab, 2 blue crab

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 0

Blue crab 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: Jennifer Perewiznyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 20

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 187 LOAD start date: 13 June '04 Times (24hrs): Start 1000 End 1123

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES X NO ____ Condition of deflector: Good

Type of material dredged: Mud and sand

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): ____

AIR TEMP: 90 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C/°F Column (mid-depth) 84 °C/°F Bottom 84 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: [signature] Observer firm: Coastinso

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 20

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: MV Alchafalaya

DREDGE FIRM: B+B

LOAD #: 188 LOAD start date: 13 JUN 4 Times (24hrs): Start 1453 End 1337

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES X NO ___ Condition of deflector: Good

Type of material dredged: SAND & SILT

Weather conditions: P/C

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): SW

AIR TEMP: 90 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 87 °C (F) Column (mid-depth) 86 °C / F Bottom 86 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly Fitzs Observer firm Coastal Env

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PS-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alphatalaya

DREDGE FIRM: B+B

LOAD #: 189 LOAD start date: 13 June 04 Times (24hrs): Start 1418 End ____

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES X NO ____ Condition of deflector: Good

Type of material dredged: SAND PIC SILT P/C

Weather conditions: _____

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
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

12 = >63 knot/45

Waves: _____ ft Wind (speed & direction): SW

AIR TEMP: 95 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 87 °C/F Column (mid-depth) 86 °C/F Bottom 86 °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: trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly Allen Observer firm Coastal

Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 04

PROJECT NAME: Mobile Harbor Dutter Bar DREDGE NAME: M/V Alchafalaya

DREDGE FIRM: B+B

LOAD #: 190 LOAD start date: 13 June 04 Times (24hrs): Start ____ End ____

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES X NO ___ Condition of deflector: Good

Type of material dredged: SAND + SILT

Weather conditions: P/C

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): 5 W

AIR TEMP: 90 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 87 °C/F Column (mid-depth) 86 °C/F Bottom 86 °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: trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: [illegible] Observer firm [illegible]

Observer signature: [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PB-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Bucket Bar DREDGE NAME: M/V Alabama

DREDGE FIRM: B + B

LOAD #: 191 LOAD start date: 13 June 04 - Times (24hrs): Start 1532 End 2003

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES X NO ___ Condition of deflector: Good

Type of material dredged: SAND SILT

Weather conditions: P/C

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): SW

AIR TEMP: 85 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C (F) Column (mid-depth) 85 °C (F) Bottom 85 °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: Ray + trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: [signature] Observer firm Coastline

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-D-0005 Maintenance X /New Work _____ PROJECT start date 1 June 04

PROJECT NAME: Mobile Harbor Baker Bar DREDGE NAME: M/V Alamo Gulf

DREDGE FIRM: B&B

LOAD #: 192 LOAD start date: 30 JUN 04 Times (24hrs): Start 2034 End 2230

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of drngheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES X NO ___ Condition of deflector: Good

Type of material dredged: SAND & SILT

Weather conditions: P/C

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low ~~Unknown~~

Beaufort Sea States (Windy/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): SW

AIR TEMP: 82 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83 °C (F) Column (mid-depth) 84 °C (F) Bottom 84 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) _____

Shark (any species) _____

Horseshoe crab _____

Blue crab _____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES _____ NO V

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: _____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: [signature] Observer firm: [illegible]

Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM
LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PB-04-D-0005 Maintenance X / New Work ____ PROJECT start date: June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Dutra Hayes

DREDGE FIRM: T+R

LOAD #: 193 LOAD start date: 8 June 07 Times (24hrs): Start 2204 End 2316

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: S

Draghead deflector? YES X NO ____ Condition of deflector: Good

Type of material dredged: Sand/silt

Weather conditions: Windy/Rain

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Wind/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft; 1 = 1-3 knot/ 0.25 ft; 2 = 4-6 knot/ 0.5 ft; 3 = 7-10 knot/ 2 ft; 4 = 11-16 knot/ 4 ft; 5 = 17-21 knot/ 6 ft; 6 = 22-27 knot/10 ft; 7 = 28-33 knot/14 ft; 8 = 34-40 knot/18 ft; 9 = 41-47 knot/23 ft; 10 = 48-55 knot/29 ft; 11 = 56-63 knot/37 ft

Waves: ____ ft Wind (speed & direction): 5 SW

AIR TEMP: 85 °C/F

WATER TEMP: Surface 85 °C/F Column (mid-depth) 84 °C/F Bottom 84 °C/F

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

SCREEN TYPE: X

	None	25%	50%	75%	100%
Inflow screening:					100%
Overflow screening:	None	25%	50%	75%	100%
Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: grass, trash

STARBOARD SCREEN CONTENTS: N/A

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:

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: [illegible] Observer firm: [illegible]

Observer signature: [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: [illegible] Maintenance X New Work ____ PROJECT start date [illegible]

PROJECT NAME: [illegible] DREDGE NAME: [illegible]

LOAD #: 194 LOAD start date: [illegible] Times (24hrs): Start [illegible]

Condition of screening: Port [illegible] Starboard [illegible] Overflow [illegible]

Number of drnghends in use: 1 Type of dragheads used: [illegible] Size of dragheads: [illegible]

Dragnead deflector? YES X NO ___ Condition of deflector: [illegible]

Type of load: [illegible]

Weather conditions: Rain

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Wind/Wave Height) (CIRCLE ONE)

0 = [illegible]	3 = 7-10 Knots/2 ft	6 = 22-27 Knots/10 ft	9 = 41-47 Knots/23 ft	12 = [illegible]
1 = [illegible]	4 = 11-16 Knots/4 ft	7 = 28-33 Knots/14 ft	10 = 48-55 Knots/29 ft	
2 = [illegible]	5 = 17-21 Knots/6 ft	8 = 34-40 Knots/18 ft	11 = 56-63 Knots/37 ft	

Waves: ____ ft Wind speed & direction: 15

AIR TEMP: 83 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C (F) Column (mid-depth) 84 °C (F) Bottom 84 °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: trash, grass

STARBOARD SCREEN CONTENTS: [illegible]

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: [illegible] Observer firm: Coastal Consulting

Observer signature [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: [illegible] Maintenance X / New Work ____ PROJECT start date 1 June 04

PROJECT NAME: [illegible] DREDGE NAME: [illegible]

DREDGE FIRM: [illegible]

LOAD #: 195 LOAD start date: 14 June '04 Times (24hrs): Start 0420 End 0535

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: goodheart Size of dragheads: 5

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: Intercoastal Sand

Weather conditions: Rain

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = [illegible]	3 = 7-10 Knots/2 ft	6 = 22-27 Knots/10 ft	9 = 41-47 Knots/23 ft	12 = [illegible]
1 = [illegible]	4 = 11-16 Knots/4 ft	7 = 28-33 Knots/14 ft	10 = 48-55 Knots/29 ft	
2 = [illegible]	5 = 17-21 Knots/6 ft	8 = 34-40 Knots/18 ft	11 = 56-63 Knots/37 ft	

Waves: ____ ft Wind (speed & direction): NS

AIR TEMP: 92 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 95 °C/F Column (mid-depth) 84 °C/F Bottom 84 °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: ~~sand and mud~~ Trash grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab 0

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: [illegible] Observer firm: Coastwise Consulting

Observer signature: [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: [illegible] Maintenance X /New Work ___ PROJECT start date [illegible]

PROJECT NAME: [illegible] DREDGE NAME: [illegible]

DREDGE FIRM: [illegible]

LOAD #: [illegible] LOAD start date: 14 June '04 Times (24hrs): Start [illegible] End [illegible]

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of draghends used: mudhead Size of draghends: 5'

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: [illegible]

Weather conditions: Rain

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 = [illegible] 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: [illegible] ft Wind (speed & direction): 15 [illegible]

AIR TEMP: 82 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C/°F Column (mid-depth) 84 °C/°F Bottom 84 °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: [illegible]

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO ___

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: [illegible] Observer firm [illegible]

Observer signature ___

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: [illegible] Maintenance X New Work ____ PROJECT start date [illegible]

PROJECT NAME: [illegible] DREDGE NAME: [illegible]

DREDGE FIRM: [illegible]

LOAD #: 617 LOAD start date: [illegible] Times (24hrs): Start [illegible] End [illegible]

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: [illegible] Size of dragheads: [illegible]

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: [illegible]

Weather conditions: [illegible]

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Wind/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft; 1 = 1-3 knots/ 0.25 ft; 2 = 4-6 knots/ 0.5 ft; 3 = 7-10 knots/ 2 ft; 4 = 11-16 knots/ 4 ft; 5 = 17-21 knots/ 6 ft; 6 = 22-27 knots/10 ft; 7 = 28-33 knots/14 ft; 8 = 34-40 knots/18 ft; 9 = 41-47 knots/23 ft; 10 = 48-55 knots/29 ft; 11 = 56-63 knots/37 ft; 12 = >63 knots/45

Waves: 2 - 3 ft Wind (speed & direction): 15 - 20 gusts NW

AIR TEMP: 81 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32)) WATER TEMP: Surface 85 °C/F Column (mid-depth) [illegible] °C/F Bottom [illegible] °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: [illegible]

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- Sturgeon (any species) ____
- Shark (any species) ____
- Horseshoe crab ____
- Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: [illegible] Observer firm [illegible]

Observer signature [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Wilmington

CONTRACT #: [illegible] Maintenance ___ New Work ___ PROJECT start date: [illegible]

PROJECT NAME: [illegible] DREDGE NAME: [illegible]

DREDGE FIRM: [illegible]

LOAD #: 178 LOAD start date: 14 Jun 14 Times (24hrs): Start 0705 Fin. 0824

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: ___ Type of dragheads used: [illegible] Size of dragheads: [illegible]

Drag head deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Mud and Sand

Weather conditions: Rainy & Stormy

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 knots, 2 ft	6 = 22-27 knots, 10 ft	9 = 41-47 knots, 23 ft	12 = [illegible] knots
1 = 1-3 knots, 0.25 ft	4 = 11-16 knots, 4 ft	7 = 28-33 knots, 14 ft	10 = 48-55 knots, 29 ft	
2 = 4-6 knots, 0.5 ft	5 = 17-21 knots, 6 ft	8 = 34-40 knots, 18 ft	11 = 56-63 knots, 37 ft	

Waves: [illegible] ft Wind (speed & direction): 30

3-5 → 4-6

AIR TEMP: 82 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 25 °C/(F) Column (mid-depth) 24 °C/(F) Bottom [illegible] °C/(F)

SCREEN TYPE

X	Inflow screening:	None	25%	50%	75%	(100%)
___	Overflow screening:	None	25%	50%	75%	100%
___	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: ___

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO ___

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: ___ Observer firm ___

Observer signature ___

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-P-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harper Parker Bar DREDGE NAME: Mv Alphafalaya

DREDGE FIRM: B + B

LOAD #: 199 LOAD start date: 14 June '04 Times (24hrs): Start 8 49 End 9 49

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: mud and sand

Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = 1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
1 = 1-3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4-6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 4-6 ft Wind (speed & direction): 30

AIR TEMP: 82 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83 °C/°F Column (mid-depth) 84 °C/°F Bottom 84 °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: grass, trash, skate

STARBOARD SCREEN CONTENTS: N/A

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:

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perlwizny Observer firm Coastwise Consulting

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912BX-04-D-0005 Maintenance X / New Work ___ PROJECT start date: 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Hyman Hollerman

DREDGE FIRM: T. L. James

LOAD #: 700 LOAD start date: 4 Jun 04 Time (24hrs): Start 1126 End ___

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: ___

Weather conditions: Rainy and Stormy

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 knots/ 2 ft	6 = 22-27 knots/10 ft	9 = 41-47 knots/23 ft	12 = >63 knots/45
1 = 1- 3 knots/ 0.25 ft	4 = 11-16 knots/ 4 ft	7 = 28-33 knots/14 ft	10 = 48-55 knots/29 ft	
2 = 4- 6 knots/ 0.5 ft	5 = 17-21 knots/ 6 ft	8 = 34-40 knots/18 ft	11 = 56-63 knots/37 ft	

Waves: 4 – 6 ft Wind (speed & direction): SE

AIR TEMP: 80 °C (F)

(F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C (F) Column (mid-depth) 84 °C (F) Bottom 84 °C (F)

SCREEN TYPE

X	Inflow screening:	None	25%	50%	75%	(100%)
___	Overflow screening:	None	25%	50%	75%	100%
___	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Southern Stingray 1 Horseshoe Crab

STARBOARD SCREEN CONTENTS: N/A

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 ✓

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: Kirsten Gyllstrom Observer firm: Continuum

Observer signature: ___

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+R

LOAD #: 201 LOAD start date: ____ Times (24hrs): Start 1357 End 1722

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: Sand + Silt

Weather conditions: Stormy + Rain

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: 79 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 89 °C/°F Column (mid-depth) 88 °C/°F Bottom 88 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly Patton Observer firm Coastwise Consulting

Observer signature KP

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912BI-04-C-0005 Maintenance X New Work ____ PROJECT start date: 10 June 2004

PROJECT NAME: Mobile Harbor-Outer Bar DREDGE NAME: Atchafalaya

DREDGE FIRM: ____

LOAD #: 202 LOAD start date: ____ Times (24hrs): Start 1507 End 1602

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: Modified Size of dragheads: 5' wide

Drag head deflector? YES ✓ NO ___ Condition of deflector: Good

Dominant material dredged: Sand + Silt

Weather conditions: Stormy + Rain

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Wind/Wave Height) (CIRCLE ONE)

0 = Calm/0 ft 3 = 7-10 knots/2 ft 6 = 22-27 knots/10 ft 9 = 41-47 knots/23 ft 12 = >63 knots/45

1 = 1-3 knots/0.25 ft 4 = 11-16 knots/4 ft 7 = 28-33 knots/14 ft 10 = 48-55 knots/29 ft

2 = 4-6 knots/0.5 ft (5) = 17-21 knots/6 ft 8 = 34-40 knots/18 ft 11 = 56-63 knots/37 ft

Waves: ____ ft Wind (speed & direction): SW

AIR TEMP: 79 °C (F)

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 87 °C (F) Column (mid-depth) 88 °C (F) Bottom 88 °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: Ray + (wood)

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly [illegible] Observer firm: Coastal Consultants

Observer signature: [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Atchafalaya

DREDGE FIRM: BER

LOAD #: 203 LOAD start date: ____ Times (24hrs): Start 1746 End 1842

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: Sand + Silt

Weather conditions: Storms

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

1 = 1-3 knot/0 ft	3 = 7-10 knot/2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63-63 knot/45
2 = 1-3 knot/0.25 ft	4 = 11-16 knot/4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
3 = 4-6 knot/0.5 ft	5 = 17-21 knot/6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): SW

AIR TEMP: 79 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °C/°F

SCREEN TYPE

X	Inflow screening:	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: 5 RAYS

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly [illegible] Observer firm: Coastwise Consulting

Observer signature: [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X New Work ____ PROJECT start date 10 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Atchafalaya

DREDGE FIRM: [illegible]

LOAD #: 204 LOAD start date: ____ Times (24hrs): Start 1926 End 2053

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Sand + Silt

Weather conditions: Bumpy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

1 = 1-3 knot/0 ft	3 = 7-10 knot/2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
2 = 4-6 knot/0.25 ft	4 = 11-16 knot/4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
3 = 4-6 knot/0.5 ft	5 = 17-21 knot/6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): SSW

AIR TEMP: 79 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °C/°F

SCREEN TYPE

X	Inflow screening:	None	25%	50%	75%	100%
____	Overflow screening:	None	25%	50%	75%	100%
____	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: ____

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly Parks Observer firm Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912[illegible]-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Atchafalaya

DREDGE FIRM: [illegible]

LOAD #: 205 LOAD start date: ____ Times (24hrs): Start 2140 End 2248

Condition of screening: Port Good Starboard Good Overflow N/A

Number of draghends in use: 1 Type of dragheads used: Mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: Sandy Silt

Weather conditions: Squalls

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

1 = 1-4 knot/0 ft	3 = 7-10 knot/2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = [illegible]-63 knot/45
2 = 1-3 knot/0.25 ft	4 = 11-16 knot/4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
3 = 4-6 knot/0.5 ft	5 = 17-21 knot/6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): SSW

AIR TEMP: 77 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C/°F Column (mid-depth) 84 °C/°F Bottom 84 °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: trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: [illegible] Observer firm Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912[illegible]-04-C-0005 Maintenance X New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Atchafalaya

DREDGE FIRM: BFB

LOAD #: 2064 LOAD start date: 14 Jun '04 Times (24hrs): Start 2329 End 0000

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: [illegible] Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: Sand & Silt

Weather conditions: Storms, WIND, squalls

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States/Winds/Wave Height: (CIRCLE ONE)

0 = 1 kno/0 ft	3 = 7-10 kno/2 ft	6 = 22-27 kno/10 ft	9 = 41-47 kno/23 ft	12 = [illegible] kno/45
1 = 1-3 kno/0.25 ft	4 = 11-16 kno/4 ft	7 = 28-33 kno/14 ft	10 = 48-55 kno/29 ft	
2 = 4-6 kno/0.5 ft	5 = 17-21 kno/6 ft	8 = 34-40 kno/18 ft	11 = 56-63 kno/37 ft	

Waves: 4-6 ft Wind (speed & direction): ____

AIR TEMP: 77 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C/°F Column (mid-depth) 84 °C/°F Bottom 84 °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: trash, grass, wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perewiznyk Observer firm Coastwise Consul...

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PL-04-C-0005 Maintenance X New Work ____ PROJECT start date: June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 206 B LOAD start date: ____ Times (24hrs): Start 0008 End 0029

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Drag head deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: mud and sand

Weather conditions: Rainy & Stormy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Wind/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: 4-6 ft Wind (speed & direction): ____

AIR TEMP: 75 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C (F) Column (mid-depth) 84 °C (F) Bottom 84 °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: grass trash & wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab 0

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: Jennifer Krewizayk Observer firm: Coastal Consult

Observer signature: Jennifer Krewizayk

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912BI-04-C-0005 Maintenance X / New Work ____ PROJECT start date: 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Archabalaya

DREDGE FIRM: B+B

LOAD #: 207 LOAD start date: 15 June '04 Times (24hrs): Start 0105 End 0322

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: Goodheart Size of dragheads: 5' WIDE

Dragheard deflector? YES ✓ NO ___ Condition of deflector: Good

Type of bottom material: mud & sand

Weather conditions: Rainy & Stormy

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 knots/ 2 ft	6 = 22-27 knots/10 ft	9 = 41-47 knots/23 ft	12 = >63 knots/45
1 = 1-3 knots/ 0.25 ft	4 = 11-16 knots/ 4 ft	7 = 28-33 knots/14 ft	10 = 48-55 knots/29 ft	
2 = 4-6 knots/ 0.5 ft	5 = 17-21 knots/ 6 ft	8 = 34-40 knots/18 ft	11 = 56-63 knots/37 ft	

Waves: 4-6 ft Wind (speed & direction): 30

AIR TEMP: 76 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C/(F) Column (mid-depth) 84 °C/(F) Bottom 84 °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: trash, grass, wood

STARBOARD SCREEN CONTENTS: n/a

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 ✓

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: Jennifer Perewiznyk Observer firm: Coastwise Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912[illegible]-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: MV Atchafalaya

DREDGE FIRM: [illegible]

LOAD #: 200 LOAD start date: 15 June '04 Times (24hrs): Start 0358 End 0457

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: mud and sand

Weather conditions: Rainy and stormy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = 1 knot/0 ft	3 = 7-10 knot/2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
1 = 1-3 knot/0.25 ft	4 = 11-16 knot/4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4-6 knot/0.5 ft	5 = 17-21 knot/6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2-3 ft Wind (speed & direction): 30

AIR TEMP: 82 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C/°F Column (mid-depth) 84 °C/°F Bottom 84 °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: grass trash and wood

STARBOARD SCREEN CONTENTS: N/A

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:

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perwizny Observer firm Coastwise Consul

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PL-04-C-0005 Maintenance X New Work ____ PROJECT start date: 1 June 2004

PROJECT NAME: Mobile Harbor-Outer Bar DREDGE NAME: M/V Alchafalaya

DREDGE FIRM: ____

LOAD #: 209 LOAD start date: ____ Times (24hrs): Start 1822 End 1847

Condition of screening: Port Good Starboard Good Overflow N/A

Number of draghends in use: 1 Type of draghends used: Drag head Size of draghead: 5' WIDE

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: SAND + SILT

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Wind/Wave Height) (CIRCLE ONE)

0 = <1 knot/0 ft	3 = 7-10 knots/2 ft	6 = 22-27 knots/10 ft	9 = 41-47 knots/23 ft	12 = >63 knots/45
1 = 1-3 knots/0.25 ft	4 = 11-16 knots/4 ft	7 = 28-33 knots/14 ft	10 = 48-55 knots/29 ft	
2 = 4-6 knots/0.5 ft	(5) 17-21 knots/6 ft	8 = 34-40 knots/18 ft	11 = 56-63 knots/37 ft	

Waves: ____ ft Wind (speed & direction): SW

AIR TEMP: 88 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 87 °C (F) Column (mid-depth) 86 °C (F) Bottom 86 °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: ONE RAY

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24 hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: Kimberly Fetzer Observer firm: Coastwise Consulting

Observer signature: KF

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Atchafalaya

DREDGE FIRM: [illegible]

LOAD # 210 LOAD start date: 15 June 04 Times (24hrs): Start 1927 End 2000

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: Mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

[illegible] Sand & Silt

Weather conditions: Clear but HAZY

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = [illegible] knot/0 ft	3 = 7-10 knot/2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = [illegible] knot/45
1 = [illegible] 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): SSW

AIR TEMP: 88 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 87 °C/°F Column (mid-depth) 86 °C/°F Bottom 86 °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: trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly Peters Observer firm Coastwise Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912[illegible]-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Atchafalaya

DREDGE FIRM: [illegible]

LOAD #: 211 LOAD start date: ____ Times (24hrs): Start 2037 End 2224

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: Sand + Silt

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = 1 knot/0 ft	3 = 7-10 knot/2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
1 = 1-3 knot/0.25 ft	4 = 11-16 knot/4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4-6 knot/0.5 ft	5 = 17-21 knot/6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): SSW

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °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: hash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Stop to let off Corps personel

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Kimberly Peters Observer firm Coastwise Consulting

Observer signature: KP

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912[illegible]-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Mv Atchafalaya

DREDGE FIRM: B & R

LOAD #: 212 LOAD start date: 15 Jun '04 Times (24hrs): Start 2310 End 2346

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: SAND + silt

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = 1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
1 = 1-3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4-6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): 20 SE

AIR TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °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: grass, trash, metal, tire

STARBOARD SCREEN CONTENTS: N/A

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: ___

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perewizny Observer firm Coastwise Consult...

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PE-04-C-0005 Maintenance X New Work ____ PROJECT start date 10 June 2004

PROJECT NAME: Mobile Harbor outer Bar DREDGE NAME: TV Atchafalaya

DREDGE FIRM: [illegible]

LOAD #: 213 LOAD start date: 16 June '04 Times (24hrs): Start 0025 End 0122

Condition of screening: Port Good Starboard Good Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mud shroud Size of dragheads: 5' wide

draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: Sand & Silt

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Wind/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): 20

AIR TEMP: 82 °C (F)

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C (F) Column (mid-depth) 85 °C (F) Bottom 85 °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: grass, trash, metal

STARBOARD SCREEN CONTENTS: N/A

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: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perniszczyk Observer firm: Coastwise Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912F8-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: MV Atchafalaya

DREDGE FIRM: B+R

LOAD #: 214 LOAD start date: 16 June '04 Times (24hrs): Start 0157 End ____

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: Sand and silt

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/0 ft	3 = 7-10 knot/2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = [illegible] 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): 20

AIR TEMP: 82 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °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: grass, trash, metal, tire, 1 ray, 4 blue crabs

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab 4

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: Jennifer Perewizny Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912[illegible]-04-C-0005 Maintenance X New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

LOAD #: 215 LOAD start date: 16 June '04 Times (24hrs): Start 0330 End 0422

Condition of screening: Port Good Starboard Good Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: sand and silt

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

1 = 1-3 knot/0 ft	3 = 7-10 knot/2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 56-63 knot/45
2 = 4-6 knot/0.25 ft	4 = 11-16 knot/4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
3 = 4-6 knot/0.5 ft	5 = 17-21 knot/6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves 1-2 ft Wind (speed & direction): 20

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °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: grass, trash, metal

STARBOARD SCREEN CONTENTS: N/A

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:

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perowsky Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912[illegible]-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor-Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 216 LOAD start date: 16 June '04 Times (24hrs): Start 0503 End 0601

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand and silt

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = [illegible] 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): 15

AIR TEMP: 82 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °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: grass trash, wood, metal piece

STARBOARD SCREEN CONTENTS: N/A

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:

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perewitzyk Observer firm: Coastwise Consult...

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912[illegible]-04-C-0005 Maintenance X New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Atchafalaya

DREDGE FIRM: [illegible]

LOAD #: 217 LOAD start date: 16 June '04 Times (24hrs): Start 0641 End 0722

Condition of screening: Port Good Starboard Good Overflow [illegible]

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand and silt

Weather conditions: P. cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Wings/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 = [illegible] 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): 15

AIR TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °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: trash → metal, net, plastic; wood, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perewizayk Observer firm Coastwise Consul[illegible]

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912[illegible]-04-C-0005 Maintenance X New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 21B LOAD start date: 16 June '04 Times (24hrs): Start 0829 End 0922

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand and silt and mud

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = 1 knot/0 ft	3 = 7-10 knot/2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = [illegible] 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): 10 SE

AIR TEMP: 89 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °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: plastic

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: "

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perewiznyk Observer firm Coastwise Consul...

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912[illegible]-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Atchafalaya

DREDGE FIRM: BFB

LOAD #: 219 LOAD start date: 16 June '04 Times (24hrs): Start 1001 End 1052

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: Sand and silt

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = [illegible] knot/0 ft	3 = 7-10 knot/2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = [illegible] knot/45
1 = [illegible] knot/0.25 ft	4 = 11-16 knot/4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4-6 knot/0.5 ft	5 = 17-21 knot/6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1-2 ft Wind (speed & direction): 10 SE

AIR TEMP: 91 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °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: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

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: Jennifer Perewienyk Observer firm: Coastwise Consul[illegible]

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912[illegible]-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Atchafalaya

DREDGE FIRM: [illegible]

LOAD #: 220 LOAD start date: 16 June '04 Times (24hrs): Start 1134 End 1234

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: SAND + SILT

Weather conditions: P/C

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

1 = 1-3 knot/0 ft	3 = 7-10 knot/2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
2 = 1-2 knot/0.25 ft	4 = 11-16 knot/4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
3 = 4-6 knot/0.5 ft	5 = 17-21 knot/6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): SE

AIR TEMP: 91 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °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: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly Petro Observer firm: Coastwise Consulting

Observer signature: KP

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912[illegible]-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Atchafalaya

DREDGE FIRM: [illegible]

LOAD #: 221 LOAD start date: 16 June 04 Times (24hrs): Start 1318 End 1400

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Sand + Silt

Weather conditions: Partly cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

1 = 1-4 knot/0 ft	3 = 7-10 knot/2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 56-63 knot/45
2 = 1-3 knot/0.25 ft	4 = 11-16 knot/4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
3 = 4-6 knot/0.5 ft	5 = 17-21 knot/6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): SE

AIR TEMP: 91 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °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: 3 Sting Rays

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly Peppers Observer firm: Coastwise Consulting

Observer signature: ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PL-04-C-0005 Maintenance X / New Work ____ PROJECT start date: 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: TV Atchafalaya

DREDGE FIRM: [illegible]

LOAD #: 222 LOAD start date: 16 Jun 04 Times (24hrs): Start 1444 End 1523

Condition of screening: Port Good Starboard Good Overflow N/A

Number of draghends in use: 1 Type of dragheads used: Modified Size of dragheads: 5' WIDE

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Substrate dredged: SAND & SILT

Weather conditions: P/C

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low (Unknown)

Sea/Surf Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft; 1 = 1-3 knot/ 0.25 ft; 2 = 4-6 knot/ 0.5 ft; (3) = 7-10 knot/ 2 ft; 4 = 11-16 knot/ 4 ft; 5 = 17-21 knot/ 6 ft; 6 = 22-27 knot/10 ft; 7 = 28-33 knot/14 ft; 8 = 34-40 knot/18 ft; 9 = 41-47 knot/23 ft; 10 = 48-55 knot/29 ft; 11 = 56-63 knot/37 ft; 12 = >63 knot/45

Waves: ____ ft Wind (speed & direction): SE

AIR TEMP: 91 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C (F) Column (mid-depth) 85 °C (F) Bottom: 85 °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: GRATES

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO ✓

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: Kimberly Patton Observer firm: Coastwise Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912[illegible]-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: [illegible]

LOAD #: 223 LOAD start date: ____ Times (24hrs): Start 1628 End 1712

Condition of screening: Port Good Starboard Good Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: SAND & Silt

Weather conditions: P/C

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

1 = 1-3 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = [illegible]-63 knot/45
2 = 4-6 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
3 = 4-6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): SW

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F + 32))

WATER TEMP: Surface 83 °C/°F Column (mid-depth) 82 °C/°F Bottom 82 °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: 3 RAYS

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly [illegible] Observer firm: Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-24-C-0005 Maintenance X /New Work ____ PROJECT start date: June 2024

PROJECT NAME: Mobile Harbor outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM:

LOAD #: 224 LOAD start date: 16 June Times (24hrs): Start 17-55 End 1845

Location of screening: Port: Good Starboard: Good Overflow: N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' WIDE

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Substrate dredged: SAND + Silt

Weather conditions: Mostly 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 ft

1 = 1-3 knot/0.25 ft 4 = 11-16 knot/4 ft 7 = 28-33 knot/14 ft 10 = 48-55 knot/29 ft

2 = 4-6 knot/0.5 ft 5 = 17-21 knot/6 ft 8 = 34-40 knot/18 ft 11 = 56-63 knot/37 ft

Seas: ____ ft Wind (speed & direction): SE

AIR TEMP: 85 °C/F

(°F - 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83 °C/F Column (mid-depth) 82 °C/F Bottom: 82 °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: 10 - 5 Sting Rays

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species)

Shark (any species)

Horseshoe crab

Blue crab

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO ✓

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: Kimberly Rotan Observer firm: Coastal Consulting

Observer signature:

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912[illegible]-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: MV Atchafalaya

DREDGE FIRM: [illegible]

LOAD #: 225 LOAD start date: ____ Times (24hrs): Start 1929 End 2016

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: Sand & Silt

Weather conditions: Mostly 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: ____ ft Wind (speed & direction): SE

AIR TEMP: 82 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83 °C/°F Column (mid-depth) 82 °C/°F Bottom 82 °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: 3 Rays

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 4 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: [illegible] Observer firm Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

LOAD #: 226 LOAD start date: 16 June 04 Times (24hrs): Start 2101 End 2148

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand + silt

Weather conditions: P/C

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): SE

AIR TEMP: 83 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83 °C/°F Column (mid-depth) 82 °C/°F Bottom 82 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly Patapsco Observer firm: Coastwise Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912BV-04-C-0205 Maintenance X New Work _____ PROJECT start date: 10 June 2004

PROJECT NAME: Mobile Harbor-outer Bar DREDGE NAME: M/V Archaeologist

DREDGE FIRM: B+B

LOAD #: 227 LOAD start date: 16 June '04 Times (24hrs): Start 2236 End 2347

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mud head Size of dragheads: 5' WIDE

Drag head deflector? YES ✓ NO ___ Condition of deflector: Good

Substrate - Dredge: Sand, mud & silt

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/0 ft 3 = 7-10 knot/2 ft 6 = 22-27 knot/10 ft 9 = 41-47 knot/23 ft 12 = >63 knots/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): 10

AIR TEMP: 84 °C(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C(F) Column (mid-depth) 85 °C(F) Bottom 85 °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: Clean! Wow!!

STARBOARD SCREEN CONTENTS: N/A

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: "

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: Jennifer Pennington Observer firm: Coastwise Consulting

Observer signature: Jennifer Pennington

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912[illegible]-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Atchafalaya

DREDGE FIRM: BTB

LOAD #: 228 LOAD start date: 17 June '04 Times (24hrs): Start 0024 End 0113

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: sand and silt

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = 1-3 knot/0 ft	3 = 7-10 knot/2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 56-63 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): 10

AIR TEMP: 84 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/F Column (mid-depth) 85 °C/F Bottom 85 °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: grass

STARBOARD SCREEN CONTENTS: N/A

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:

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Lerner Zoyk Observer firm: Coastwise Consult

Observer signature:

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0005 Maintenance X New Work ____ PROJECT start date: 1 June 2004

PROJECT NAME: Mobile Harbor outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 229 LOAD start date: 17 June '04 Times (24hrs): Start 0155 End 0247

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: Cutterhead Size of dragheads: 5' WIDE

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: Mud, Sand, Silt

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Wind/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 Knots/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): 10

AIR TEMP: 87 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C (F) Column (mid-depth) 85 °C (F) Bottom 85 °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: 3 rays, rod & reel, line, wood, metal

STARBOARD SCREEN CONTENTS: N/A

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: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: [signature] Observer firm: Coastal Consultants

Observer signature: ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912BI-04-C-0005 Maintenance X / New Work ____ PROJECT start date: June 2004

PROJECT NAME: Mobile Harbor outer Bar DREDGE NAME: TV Archer Lay 9

DREDGE FIRM: BTB

LOAD #: 230 LOAD start date: 17 June '04 Times (24hrs): Start 0326 End 0419

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: standard Size of dragheads: 5' WIDE

Drag head deflector? YES ✓ NO ___ Condition of deflector: Good

Type of load material: sand, silt

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Windy/Wave Height) (CIRCLE ONE)

0 = <1 Knot/ 0 ft; 1 = 1-3 Knot/ 0.25 ft; 2 = 4-6 Knot/ 0.5 ft; 3 = 7-10 Knot/ 2 ft; 4 = 11-16 Knot/ 4 ft; 5 = 17-21 Knot/ 6 ft; 6 = 22-27 Knot/10 ft; 7 = 28-33 Knot/14 ft; 8 = 34-40 Knot/18 ft; 9 = 41-47 Knot/23 ft; 10 = 48-55 Knot/29 ft; 11 = 56-63 Knot/37 ft; 12 = >63 Knot/45

Waves: ____ ft Wind (speed & direction): 10

AIR TEMP: 86 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C (F) Column (mid-depth) 85 °C (F) Bottom 86 °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: Clean

STARBOARD SCREEN CONTENTS: Clean

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: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: Jennifer Perrin Myatt Observer firm: Coastwise Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date: [illegible]

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: [illegible]

DREDGE FIRM: B+B

LOAD #: 231 LOAD start date: [illegible] Times (24hrs): Start 0457 End 0555

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: [illegible]

Weather conditions: [illegible]

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 = [illegible] 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): [illegible]

AIR TEMP: 86 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface [illegible] °C/°F Column (mid-depth) [illegible] °C/°F Bottom: [illegible] °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: [illegible]

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: [illegible] Observer firm: Coastwise Consulting

Observer signature: [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: MV Alchatalaya

DREDGE FIRM: B+B

LOAD #: 232 LOAD start date: 17 June '04 Times (24hrs): Start ~~0800~~ 0635 End ~~0934~~ 0742

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: Sand, silt

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): 10 SE

AIR TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °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, 2 rays, 1 bluecrab

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species)

Horseshoe crab

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:

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perewiznyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PE-04-C-0005 Maintenance X /New Work ____ PROJECT start date: June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 233 LOAD start date: 17 June '04 Times (24hrs): Start 0822 End 0934

Condition of screening: Port: Good Starboard: Good Overflow: N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Dragheads deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand & silt

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low (Unknown)

Beaufort Sea States (Wind/Wave Height) (CIRCLE ONE)

0 = < 1 knot/ 0 ft	3 = 7-10 knots/ 2 ft	6 = 22-27 knots/10 ft	9 = 41-47 knots/23 ft	12 = > 63 knots/45
1 = 1-3 knots/ 0.25 ft	4 = 11-16 knots/ 4 ft	7 = 28-33 knots/14 ft	10 = 48-55 knots/29 ft	
2 = 4-6 knots/ 0.5 ft	5 = 17-21 knots/ 6 ft	8 = 34-40 knots/18 ft	11 = 56-63 knots/37 ft	

Waves: ____ ft Wind (speed & direction): ESE

AIR TEMP: 90 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C (F) Column (mid-depth) 85 °C (F) Bottom: 85 °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, metal

STARBOARD SCREEN CONTENTS: N/A

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: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: Jennifer Krawczyk Observer firm: Coastwise Consulting

Observer signature: Jennifer Krawczyk

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912[illegible]-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

LOAD #: 234 LOAD start date: 17 June '04 Times (24hrs): Start 1024 End ____

Condition of screening: Port Good Starboard Good Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: Sand, silt

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 56-63 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): 8 SE

AIR TEMP: 92 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °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, 1 ray

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perewiznyk Observer firm Coastwise Consult...

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PE-04-C-0005 Maintenance X /New Work ____ PROJECT start date: 1 June 2004

PROJECT NAME: Mobile Harbor outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: ____

LOAD #: 235 LOAD start date: 17 June '04 Times (24hrs): Start 1221 End 1324

Condition of screening: Port Good Starboard Good Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: sand & silt

Weather conditions: Sunny

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Wind/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft; 1 = 1-3 knot/ 0.25 ft; 2 = 4-6 knot/ 0.5 ft; 3 = 7-10 knot/ 2 ft; 4 = 11-16 knot/ 4 ft; 5 = 17-21 knot/ 6 ft; 6 = 22-27 knot/10 ft; 7 = 28-33 knot/14 ft; 8 = 34-40 knot/18 ft; 9 = 41-47 knot/23 ft; 10 = 48-55 knot/29 ft; 11 = 56-63 knot/37 ft; 12 = >63 knot/45

Waves: ____ ft Wind (speed & direction): Variable

AIR TEMP: 92 °C (F) (°F - 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C (F) Column (mid-depth) 84 °C (F) Bottom 84 °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 + trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: [signature] Observer firm: Coastal Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: [illegible]

LOAD #: 236 LOAD start date: 7 June 04 Times (24hrs): Start 1405 End 1514

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: Sand + Silt

Weather conditions: Hot + Sunny

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

1 = 1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
2 = 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
3 = 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): Variable

AIR TEMP: 95 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °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: trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: C1530 cage in Hopper was reinforced to be made more effective at screening

Note

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Kimberly Paters Observer firm: Coastwise Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912[illegible]-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor-Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: [illegible]

LOAD #: 237 LOAD start date: 17 June 04 Times (24hrs): Start ~~[illegible]~~ 1607 End ~~[illegible]~~ 1712

Condition of screening: Port Good Starboard Good Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: SAND + SILT

Weather conditions: Hot + Hazy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

2 = 1-4 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 56-63 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): Variable

AIR TEMP: 90 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °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: 3 Rays

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly Patton Observer firm Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date: 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: ____

LOAD #: 238 LOAD start date: 17 June 04 Times (24hrs): Start 1758 End 1854

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' WIDE

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: SAND & silt

Weather conditions: Hot & hazy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft; 1 = 1-3 knot/ 0.25 ft; 2 = 4-6 knot/ 0.5 ft; 3 = 7-10 knot/ 2 ft; 4 = 11-16 knot/ 4 ft; 5 = 17-21 knot/ 6 ft; 6 = 22-27 knot/10 ft; 7 = 28-33 knot/14 ft; 8 = 34-40 knot/18 ft; 9 = 41-47 knot/23 ft; 10 = 48-55 knot/29 ft; 11 = 56-63 knot/37 ft; 12 = >63 knot/45

Waves: ____ ft Wind (speed & direction): S

AIR TEMP: 85 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C/F Column (mid-depth) 84 °C/F Bottom 84 °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: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly Ross Observer firm: Coastwise Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date: 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: [illegible]

LOAD #: 239 LOAD start date: 17 June 04 Times (24hrs): Start ____ End ____

Condition of screening: Port Good Starboard Good Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: SAND + SILT

Weather conditions: P/C

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): Variable

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C/°F Column (mid-depth) 84 °C/°F Bottom 84 °C/°F

SCREEN TYPE

X	Inflow screening:	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: 5 Rays

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly Patas Observer firm: Coastwise Consulting

Observer signature: ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date: 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: [illegible]

LOAD #: 2210 LOAD start date: 17 Jun 04 Times (24hrs): Start 2121 End 2223

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' WIDE

Dragheads deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: SAND + SILT

Weather conditions: P/C

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Wind/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft; 1 = 1-3 knot/ 0.25 ft; 2 = 4-6 knot/ 0.5 ft; 3 = 7-10 knot/ 2 ft; 4 = 11-16 knot/ 4 ft; 5 = 17-21 knot/ 6 ft; 6 = 22-27 knot/10 ft; 7 = 28-33 knot/14 ft; 8 = 34-40 knot/18 ft; 9 = 41-47 knot/23 ft; 10 = 48-55 knot/29 ft; 11 = 56-63 knot/37 ft; 12 = >63 knot/45

Waves: ____ ft Wind (speed & direction): Variable

AIR TEMP: 82 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C/F Column (mid-depth): 84 °C/F Bottom: 84 °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: 3 Rags

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24 hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: [illegible] Observer firm: Coastal Consulting

Observer signature: [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PE-04-C-0005 Maintenance X /New Work ____ PROJECT start date: 1 June 2004

PROJECT NAME: Mobile Harbor outer Bar DREDGE NAME: M/V Alchafalaya

DREDGE FIRM: B+B

LOAD #: 241A LOAD start date: 17 Jun '04 Times (24hrs): Start 2301 End 2400

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: sand, silt

Weather conditions: clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Wind/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft; 1 = 1-3 knot/ 0.25 ft; 2 = 4-6 knot/ 0.5 ft; 3 = 7-10 knot/ 2 ft; 4 = 11-16 knot/ 4 ft; 5 = 17-21 knot/ 6 ft; 6 = 22-27 knot/10 ft; 7 = 28-33 knot/14 ft; 8 = 34-40 knot/18 ft; 9 = 41-47 knot/23 ft; 10 = 48-55 knot/29 ft; 11 = 56-63 knot/37 ft; 12 = >63 knot/45

Waves: ____ ft Wind (speed & direction): ____

AIR TEMP: 86 °C/(F)

(°F - 9/5 (°C) + 32; °C - 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/(F) Column (mid-depth) 84 °C/(F) Bottom 84 °C/(F)

SCREEN TYPE

X	Inflow screening:	None	25%	50%	75%	(100%)
____	Overflow screening:	None	25%	50%	75%	100%
____	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: 5 rays, wood

STARBOARD SCREEN CONTENTS: N/A

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: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: Jennifer Fergusson Observer firm: Coastwise Consulting

Observer signature: Jennifer Fergusson

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912EQ-04-C-0005 Maintenance X /New Work ____ PROJECT start date: June 2004

PROJECT NAME: Mobile Harbor outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: [illegible]

LOAD #: 241B LOAD start date: 18 June '04 Times (24hrs): Start 0000 End 0022

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' WIDE

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand, silt

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low (Unknown)

Beaufort Sea States (Wind/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft; 1 = 1-3 knot/ 0.25 ft; 2 = 4-6 knot/ 0.5 ft; 3 = 7-10 knot/ 2 ft; 4 = 11-16 knot/ 4 ft; 5 = 17-21 knot/ 6 ft; 6 = 22-27 knot/10 ft; 7 = 28-33 knot/14 ft; 8 = 34-40 knot/18 ft; 9 = 41-47 knot/23 ft; 10 = 48-55 knot/29 ft; 11 = 56-63 knot/37 ft; 12 = >63 knot/45 ft

Waves: ____ ft Wind (speed & direction): ESE

AIR TEMP: 87 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C (F) Column (mid-depth) 84 °C (F) Bottom 84 °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: N/A

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: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: Jennifer Perowski Observer firm: Coastwise Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912BT-04-C-0005 Maintenance X /New Work ____ PROJECT start date: 10 June 2004

PROJECT NAME: Mobile Harbor-outer Bar DREDGE NAME: M/V Archer Lay 9

LOAD #: 242 LOAD start date: 18 June '04 Times (24hrs): Start 0102 End 0207 DREDGE FIRM: BTB

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: sand, silt

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Wind/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft; 1 = 1-3 knot/ 0.25 ft; 2 = 4-6 knot/ 0.5 ft; 3 = 7-10 knot/ 2 ft; 4 = 11-16 knot/ 4 ft; 5 = 17-21 knot/ 6 ft; 6 = 22-27 knot/10 ft; 7 = 28-33 knot/14 ft; 8 = 34-40 knot/18 ft; 9 = 41-47 knot/23 ft; 10 = 48-55 knot/29 ft; 11 = 56-63 knot/37 ft; 12 = >63 knot/45

Waves: ____ ft Wind (speed & direction): ____

AIR TEMP: 87 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C (F) Column (mid-depth): 84 °C (F) Bottom: 84 (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, metal, plastic

STARBOARD SCREEN CONTENTS: N/A

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: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: Jennifer Fernandez Observer firm: Coastal Environmental Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date: 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Mv Atchafalaya

DREDGE FIRM: [illegible]

LOAD #: 243 LOAD start date: 18 June '04 Times (24hrs): Start 0247 End 0357

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand, silt

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/0 ft	3 = 7-10 knot/2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 56-63 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: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C/°F Column (mid-depth): 84 °C/°F Bottom: 84 °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, trash, plastic

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

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: Jennifer Berewaznyk Observer firm: Coastwise Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912BT-04-C-0005 Maintenance X /New Work ____ PROJECT start date: 13June2004

PROJECT NAME: Mobile Harbor outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: BTB

LOAD #: 2+4 LOAD start date: 18June'04 Times (24hrs): Start 0429 End 0529

Condition of screening: Port Good Starboard Good Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' WIDE

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand, silt

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45	
1 = 1-3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft		
2 = 4-6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft		

Waves: ____ ft Wind (speed & direction): ____

AIR TEMP: 84 °C (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C (F) Column (mid-depth) 84 °C (F) Bottom 84 °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, metal, plastic

STARBOARD SCREEN CONTENTS: N/A

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: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: Jennifer Pomaszynski Observer firm: Coastal Consulting

Observer signature: Jennifer Pomaszynski

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 245 LOAD start date 18 June '04 Times (24hrs): Start 0609 End 0738

Condition of screening: Port Good Starboard Good Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand, silt, mud

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): 6 SE

AIR TEMP: 87 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °C/°F

SCREEN TYPE

X	Inflow screening:	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: 1 ray, 1 horseshoe crab, wood, metal, fiberglass, cloth

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 1

Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO 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: Jennifer Perewiznyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor-Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 246 LOAD start date: 18 June '04 Times (24hrs): Start 0833 End 1006

Condition of screening: Port Good Starboard Good Overflow N/A

Number of draghends in use: 1 Type of draghends used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: sand silt

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = 1 kno/ 0 ft	3 = 7-10 kno/ 2 ft	6 = 22-27 kno/10 ft	9 = 41-47 kno/23 ft	12 = 63 kno/45
1 = 1-3 kno/ 0.25 ft	4 = 11-16 kno/ 4 ft	7 = 28-33 kno/14 ft	10 = 48-55 kno/29 ft	
2 = 4-6 kno/ 0.5 ft	5 = 17-21 kno/ 6 ft	8 = 34-40 kno/18 ft	11 = 56-63 kno/37 ft	

Waves: ____ ft Wind (speed & direction): ____

AIR TEMP: 89 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °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, fiberglass, net

STARBOARD SCREEN CONTENTS: N/A

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:

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perewizoyt Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912BF-04-C-0005 Maintenance X /New Work _____ PROJECT start date: June 2004

PROJECT NAME: Mobile Harbor outer Bar DREDGE NAME: M/V Alphatrader

DREDGE FIRM: BTB

LOAD #: 247 LOAD start date: 18 June '04 Times (24hrs): Start 1055 End 1202

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' WIDE

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand, silt

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Wind/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45 ft	
1 = 1-3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft		
2 = 4-6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft		

Waves: _____ ft Wind (speed & direction): 8SE knots

AIR TEMP: 94 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 32 °C/F Column (mid-depth) 85 °C/F Bottom 85 °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: Fire + Wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) _____

Shark (any species) _____

Horseshoe crab _____

Blue crab _____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: _____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: [illegible] Observer firm: Coastal Consulting

Observer signature: [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912[illegible]-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 248 LOAD start date: 18 June 04 Times (24hrs): Start 1245 End 1351

Condition of screening: Port Good Starboard Good Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand + Silt

Weather conditions: P/C

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

1 = 1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = [illegible] knot/45
2 = 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
3 = 4-6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): variable

AIR TEMP: 90 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °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: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly [illegible] Observer firm: Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912DF-24-C-0005 Maintenance X /New Work ____ PROJECT start date: 10 June 2024

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 249 LOAD start date: ____ Times (24hrs): Start 1430 End 1543

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: Sand + silt

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Wind/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft; 1 = 1-3 knot/ 0.25 ft; 2 = 4-6 knot/ 0.5 ft; 3 = 7-10 knot/ 2 ft; 4 = 11-16 knot/ 4 ft; 5 = 17-21 knot/ 6 ft; 6 = 22-27 knot/10 ft; 7 = 28-33 knot/14 ft; 8 = 34-40 knot/18 ft; 9 = 41-47 knot/23 ft; 10 = 48-55 knot/29 ft; 11 = 56-63 knot/37 ft; 12 = >63 knot/45

Waves: ____ ft Wind (speed & direction): Variable

AIR TEMP: 94 °C(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C(F) Column (mid-depth) 85 °C(F) Bottom 85 °F

SCREEN TYPE

		None	25%	50%	75%	100%
X	Inflow screening:					(100%)
____	Overflow screening:	None	25%	50%	75%	100%
____	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Blue Crab

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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 Kimberly Peters Observer firm Coastal Consulting

Observer signature KP

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912[illegible]-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: [illegible]

LOAD #: 256 LOAD start date: 18 June 04 Times (24hrs): Start 1625 End 1710

Condition of screening: Port Good Starboard Good Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand + Silt

Weather conditions: P/C

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

1 = 1-3 knot/0 ft	3 = 7-10 knot/2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
2 = 1-3 knot/0.25 ft	4 = 11-16 knot/4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
3 = 4-6 knot/0.5 ft	5 = 17-21 knot/6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): SC

AIR TEMP: 90 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °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: Trash - Tray

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: [illegible] Observer firm Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912BV-04-C-0005 Maintenance X /New Work ____ PROJECT start date: June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchafalaya

DREDGE FIRM: ____

LOAD #: 251 LOAD start date: ____ Times (24hrs): Start 1756 End 1856

Location of screening: Port Good Starboard Good Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Substrate at dragsite: Sand + Silt

Weather conditions: P/C

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Windy/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft; 1 = 1-3 knot/ 0.25 ft; 2 = 4-6 knot/ 0.5 ft; 3 = 7-10 knot/ 2 ft; 4 = 11-16 knot/ 4 ft; 5 = 17-21 knot/ 6 ft; 6 = 22-27 knot/10 ft; 7 = 28-33 knot/14 ft; 8 = 34-40 knot/18 ft; 9 = 41-47 knot/23 ft; 10 = 48-55 knot/29 ft; 11 = 56-63 knot/37 ft; 12 = >63 knot/45

Waves: ____ ft Wind (speed & direction): SE

AIR TEMP: 90 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/F Column (mid-depth) 85 °C/F Bottom 85 °C/F

SCREEN TYPE

		None	25%	50%	75%	100%
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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: [signature] Observer firm: Coastal Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912[illegible]-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: [illegible]

LOAD #: 252 LOAD start date: ____ Times (24hrs): Start 1940 End 2035

Condition of screening: Port Good Starboard Good Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: Sand + silt

Weather conditions: P/C

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

1 = 1-4 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
2 = 1-3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
3 = 4-6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): SC

AIR TEMP: 87 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °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: 4-RAYS + WOOD

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly Patton Observer firm Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date: June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: [illegible]

LOAD #: 253 LOAD start date: 18 June 04 Times (24hrs): Start 0419 End 2248

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: Hopperhead Size of dragheads: 5' WIDE

Draghead deflector? YES ✓ NO ___ Condition of deflectors: Good

Type of material dredged: SAND/SILT

Weather conditions: P/C

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Sea (Surf Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft; 1 = 1-3 knot/ 0.25 ft; 2 = 4-6 knot/ 0.5 ft; 3 = 7-10 knot/ 2 ft; 4 = 11-16 knot/ 4 ft; 5 = 17-21 knot/ 6 ft; 6 = 22-27 knot/10 ft; 7 = 28-33 knot/14 ft; 8 = 34-40 knot/18 ft; 9 = 41-47 knot/23 ft; 10 = 48-55 knot/29 ft; 11 = 56-63 knot/37 ft; 12 = >63 knot/45

Waves: ____ ft Wind (speed & direction): SE

AIR TEMP: 85 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/F Column (mid-depth) 85 °C/F Bottom 25 °C/F

SCREEN TYPE

X	Inflow screening:	None	25%	50%	75%	(100%)
____	Overflow screening:	None	25%	50%	75%	100%
____	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: 2 Rays + wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly Hayes Observer firm: Coastwise Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912[illegible]-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 254 LOAD start date: 18 June '04 Times (24hrs): Start 2302 End 0000

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Material dredged: Sand, silt

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

1 = 1 knot/0 ft	3 = 7-10 knot/2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
2 = 3 knot/0.25 ft	4 = 11-16 knot/4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
3 = 6 knot/0.5 ft	5 = 17-21 knot/6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): 85E

AIR TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °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: 4 rays, wood, rubber, plastic

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

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: Jennifer Perewiznyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date: 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 255 LOAD start date: 19 June '04 Times (24hrs): Start 0043 End 0135

Condition of screening: Port Good Starboard Good Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Material dredged: Sand, silt

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

1 = 1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
2 = 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
3 = 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): 8 SE

AIR TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °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: grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

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: ____

Other observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Peruzzi Observer firm: Coastwise Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: Mobile

CONTRACT #: W912PE-04-C-0005 Maintenance X /New Work ____ PROJECT start date: June 2004

PROJECT NAME: Mobile Harbor outer Bar DREDGE NAME: Alchafalaya

DREDGE FIRM: B+B

LOAD #: 256 LOAD start date: 9 June '04 Times (24hrs): Start 0225 End 0315

Condition of screening: Port Good Starboard Good Overflow N/A

Number of draghends in use: 1 Type of draghends used: mudhead Size of draghends: 5' wide

Sidecast deflector? YES ✓ NO ___ Condition of deflector: Good

Dredged material description: sand, silt

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Windy/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft; 1 = 1-3 knot/ 0.25 ft; 2 = 4-6 knot/ 0.5 ft; 3 = 7-10 knot/ 2 ft; 4 = 11-16 knot/ 4 ft; 5 = 17-21 knot/ 6 ft; 6 = 22-27 knot/10 ft; 7 = 28-33 knot/14 ft; 8 = 34-40 knot/18 ft; 9 = 41-47 knot/23 ft; 10 = 48-55 knot/29 ft; 11 = 56-63 knot/37 ft; 12 = >63 knot/45

Waves: ____ ft Wind (speed & direction): ____

AIR TEMP: 84 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32)) WATER TEMP: Surface 86 °C/F Column (mid-depth) 85 °C/F Bottom: 85 °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: tray, grass, metal, wood, plastic

STARBOARD SCREEN CONTENTS: N/A

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: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perauzyk Observer firm Coastwise Consulting

Observer signature: Jennifer Perauzyk

ENDANGERED SPECIES OBSERVER PROGRAM
LOAD DATA FORM

SACE DISTRICT: Mobile
CONTRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004
PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya
DREDGE FIRM: B+B
LOAD #: 257 LOAD start date: 19 June '04 Times (24hrs): Start 0356 End 0457

Condition of screening: Port Good Starboard Good Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide
Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: sand, silt

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

1 = 1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
2 = 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
3 = 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): ____

AIR TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °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: Tray, wood, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:
Sturgeon (any species) ____
Shark (any species) ____
Horseshoe crab ____
Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perewiznyk Observer firm Coastwise Consulting
Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

...CE DISTRICT: Mobile

...TRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date: 1 June 2004

...JECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

...D #: 258 LOAD start date: 19 June '04 Times (24hrs): Start 0536 End 0647

...tion of screening: Port Good Starboard Good Overflow N/A

...ber of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

...ghead deflector? YES ✓ NO ___ Condition of deflector: Good

... material dredged: Sand, silt

...ather conditions: P. Cloudy

...al stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

...fort Sea States (Windy/Wave Height) (CIRCLE ONE)

1 = 1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
2 = 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
3 = 4 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

...ves: ____ ft Wind (speed & direction): 85G

...R TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

...TER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °C/°F

...REEN TYPE

X	Inflow screening:	None	25%	50%	75%	100%
___	Overflow screening:	None	25%	50%	75%	100%
___	Other screening:	None	25%	50%	75%	100%

...T SCREEN CONTENTS: 1 ray, wood, net, metal, plastic

...RBOARD SCREEN CONTENTS: N/A

...ature number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

...TLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

...CIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

...mments: ____

...er observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

...erver's name: Jennifer Perewiznyk Observer firm: Coastwise Consulting

...erver signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

ACE DISTRICT: Mobile

NTRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

JECT NAME: Mobile Harbor-Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

D #: 259 LOAD start date: 19 June '04 Times (24hrs): Start 0748 End 0915

ition of screening: Port Good Starboard Good Overflow N/A

mber of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

ghead deflector? YES ✓ NO ___ Condition of deflector: Good

material dredged: Sand and silt

eather conditions: P. Cloudy

al stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

ufort Sea States (Winds/Wave Height) (CIRCLE ONE)

1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/55
2 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
3 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

ves: ____ ft Wind (speed & direction): 8 SE

TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

TER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °C/°F

EEN TYPE

X	Inflow screening:	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

T SCREEN CONTENTS: wood, plastic, net

RBOARD SCREEN CONTENTS: N/A

nate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species)

Horseshoe crab

Blue crab

RTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

CIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

ments:

er observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

erver's name: Jennifer Perewiznyk Observer firm Coastwise Consulting

erver signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

CE DISTRICT: Mobile

TRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date: 1 June 2004

ECT NAME: Mobile Harbor-Outer Bar DREDGE NAME: Mv Atchafalaya

DREDGE FIRM: B+B

260 LOAD start date: 19 June '04 Times (24hrs): Start 1004 End 1142

ion of screening: Port Good Starboard Good Overflow N/A

r of dragheads in use: 1 Type of dragheads used: Wrathead Size of dragheads: 5' wide

ead deflector? YES ✓ NO ___ Condition of deflector: Good

material dredged: sand and silt

ner conditions: P. Cloudy

stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

rt Sea States (Winds/Wave Height) (CIRCLE ONE)

1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
2 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
3 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

: ____ ft Wind (speed & direction): 6 SE

EMP: 91 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

R TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °C/°F

EN TYPE

X	Inflow screening:	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

SCREEN CONTENTS: 1 - Horseshoe CRAB

BOARD SCREEN CONTENTS: N/A

ate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

E OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

ES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

epts: ____

r observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

er's name: [signature] Observer firm: Coastwise Consulting

er signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

CE DISTRICT: Mobile

TRACT #: W912[illegible]-04-C-0005 Maintenance X /New Work ____ PROJECT start date: 1 June 2004

JECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

L # 261 LOAD start date: 19 June 04 Times (24hrs): Start 1225 End 1325

[illegible] of screening: Port Good Starboard Good Overflow N/A

[illegible] of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

[illegible] deflector? YES ✓ NO ___ Condition of deflector: Good

[illegible] dredged: Sand & Silt

[illegible] conditions: P/C

[illegible] stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

[illegible] Sea States (Winds/Wave Height) (CIRCLE ONE)

[illegible] knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = [illegible] knot/[illegible]
[illegible] knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
[illegible] knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

[illegible] ____ ft Wind (speed & direction): SE

TEMP: 90 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ER TEMP: Surface 85 °C/°F Column (mid-depth) 84 °C/°F Bottom 84 °C/°F

EEN TYPE

X	Inflow screening:	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

T SCREEN CONTENTS: Fine

RBOARD SCREEN CONTENTS: N/A

ate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

LE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

IES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

epts: ____

or observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

ver's name: Kimberly Peters Observer firm: Coastwise Consulting

ver signature: [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

CE DISTRICT: Mobile

TRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date: 1 June 2004

JECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

L #: 262 LOAD start date: 19 June 04 Times (24hrs): Start 1410 End 1511

tion of screening: Port Good Starboard Good Overflow N/A

er of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

head deflector? YES ✓ NO ___ Condition of deflector: Good

material dredged: SAND/Silt

ner conditions: P/C

stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

rt Sea States (Winds/Wave Height) (CIRCLE ONE)

1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
2 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
3 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

: ____ ft Wind (speed & direction): SE

EMP: 90 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ER TEMP: Surface 85 °C/°F Column (mid-depth) 84 °C/°F Bottom 84 °C/°F

EN TYPE

X Inflow screening:	None	25%	50%	75%	100%
___ Overflow screening:	None	25%	50%	75%	100%
___ Other screening:	None	25%	50%	75%	100%

SCREEN CONTENTS: Trash

BOARD SCREEN CONTENTS: N/A

ate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

LE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

ES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

epts: ____

r observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

ver's name: Kimberly [illegible] Observer firm: Coastwise Consulting

er signature: [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

CE DISTRICT: Mobile

TRACT #: W912[illegible]-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

JECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

D #: 263 LOAD start date: 19 June 04 Times (24hrs): Start 1549 End 1648

tion of screening: Port Good Starboard Good Overflow N/A

ber of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

head deflector? YES ✓ NO ___ Condition of deflector: Good

material dredged: Sand + Silt

ther conditions: P/C

stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Sea States (Winds/Wave Height) (CIRCLE ONE)

1 knot/0 ft	3 = 7-10 knot/2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
2 knot/0.25 ft	4 = 11-16 knot/4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
3 knot/0.5 ft	5 = 17-21 knot/6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

s: ____ ft Wind (speed & direction): SW

TEMP: 90 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ER TEMP: Surface 88 °C/°F Column (mid-depth) 87 °C/°F Bottom 87 °C/°F

EEN TYPE

X	Inflow screening:	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

T SCREEN CONTENTS: trash

RBOARD SCREEN CONTENTS: N/A

ute number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

LE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

IES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

epts: ____

er observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

ver's name: Kimberly Patrick Observer firm Coastwise Consulting

ver signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

CE DISTRICT: Mobile

TRACT #: W912[illegible]-04-C-0005 Maintenance X /New Work ____ PROJECT start date: 1 June 2004

JECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Mr Atchafalaya

DREDGE FIRM: B+B

264 LOAD start date: 19 June 04 Times (24hrs): Start 1730 End 1835

n of screening: Port Good Starboard Good Overflow N/A

er of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

head deflector? YES ✓ NO ___ Condition of deflector: Good

material dredged: SAND + SILT

her conditions: P/C

stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

rt Sea States (Winds/Wave Height) (CIRCLE ONE)

1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 56-63 knot/45
2 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
3 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

s: ____ ft Wind (speed & direction): SW

EMP: 88 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ER TEMP: Surface 88 °C/°F Column (mid-depth) 87 °C/°F Bottom 87 °C/°F

EN TYPE

X	Inflow screening:	None	25%	50%	75%	100%
___	Overflow screening:	None	25%	50%	75%	100%
___	Other screening:	None	25%	50%	75%	100%

SCREEN CONTENTS: WOOD

BOARD SCREEN CONTENTS: N/A

ate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

LE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

ES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

epts: ____

r observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

er's name: Kimberly Patrick Observer firm: Coastwise Consulting

er signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

CE DISTRICT: Mobile

RACT #: W912[illegible]-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

ECT NAME: Mobile Harbor-Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

245 LOAD start date: 19 June 04 Times (24hrs): Start 1920 End 2016

on of screening: Port Good Starboard Good Overflow N/A

er of draghends in use: 1 Type of draghends used: Mudhead Size of draghends: 5' wide

head deflector? YES ✓ NO ___ Condition of deflector: Good

material dredged: Sand + Silt

her conditions: P/C

stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Sea States (Winds/Wave Height) (CIRCLE ONE)

1 knot/0 ft	3 = 7-10 knot/2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 56-63 knot/[illegible]
2 knot/0.25 ft	4 = 11-16 knot/4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
3 knot/0.5 ft	5 = 17-21 knot/6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

s: ____ ft Wind (speed & direction): SW

EMP: 88 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ER TEMP: Surface 88 °C/°F Column (mid-depth) 87 °C/°F Bottom 87 °F

EN TYPE

X	Inflow screening:	None	25%	50%	75%	100%
___	Overflow screening:	None	25%	50%	75%	100%
___	Other screening:	None	25%	50%	75%	100%

T SCREEN CONTENTS: 2 Blue Crab - 1 Ray

BOARD SCREEN CONTENTS: N/A

ate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

LE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

IES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

epts: ____

r observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

er's name: Kimberly Patrick Observer firm Coastwise Consulting

er signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

CE DISTRICT: Mobile

TRACT #: W9128-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

JECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

: 266 LOAD start date: 19 June 04 Times (24hrs): Start 2056 End 2205

n of screening: Port Good Starboard Good Overflow N/A

r of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

ead deflector? YES ✓ NO ____ Condition of deflector: Good

material dredged: Sand + Silt

her conditions: Partly Cloudy

stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

rt Sea States (Winds/Wave Height) (CIRCLE ONE)

1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
2 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
3 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

: ____ ft Wind (speed & direction): ____

EMP: 82 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ER TEMP: Surface 87 °C/°F Column (mid-depth) 86 °C/°F Bottom 86 °C/°F

EN TYPE

X	Inflow screening:	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

SCREEN CONTENTS: 3-Rays

BOARD SCREEN CONTENTS: N/A

ute number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

E OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

ES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

epts: ____

r observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

ver's name: Kimberly Patton Observer firm Coastwise Consulting

er signature KP

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

...ACE DISTRICT: Mobile

...NTRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

...JECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

...AD #: 267 LOAD start date: 19 June '04 Times (24hrs): Start 2240 End 2353

...ition of screening: Port Good Starboard Good Overflow N/A

...mber of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

...ghead deflector? YES ✓ NO ___ Condition of deflector: Good

...material dredged: Sand, silt, and mud

...eather conditions: P. Cloudy

...al stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

...ea Sea States (Winds/Wave Height) (CIRCLE ONE)

... 41 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 56-63 knot/45
... 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
... 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

...ves: ____ ft Wind (speed & direction): ____

...TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

...TER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °C/°F

...REEN TYPE

X	Inflow screening:	None	25%	50%	75%	100%
___	Overflow screening:	None	25%	50%	75%	100%
___	Other screening:	None	25%	50%	75%	100%

...RT SCREEN CONTENTS: wood, plastic, metal

...ARBOARD SCREEN CONTENTS: N/A

...mate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

0

...TLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

...CIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

...g nepts: ____

...er observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

...erver's name: Jennifer Perewiznyk Observer firm: Coastwise Consulting

...erver signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

...CE DISTRICT: Mobile

...TRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date: 1 June 2004

...JECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

...D #: 268 LOAD start date: 20 Jun '04 Times (24hrs): Start 0038 End 0137

...tion of screening: Port Good Starboard Good Overflow N/A

...ber of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

...head deflector? YES ✓ NO ___ Condition of deflector: Good

...material dredged: Sand, silt

...ther conditions: P. Cloudy

...stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

...port Sea States (Winds/Wave Height) (CIRCLE ONE)

... knot/0 ft	3 = 7-10 knot/2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft
... knot/0.25 ft	4 = 11-16 knot/4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft
... knot/0.5 ft	5 = 17-21 knot/6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft

...: ____ ft Wind (speed & direction): 20 SE

...TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

...ER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °C/°F

...EEN TYPE

X	Inflow screening:	None	25%	50%	75%	100%
___	Overflow screening:	None	25%	50%	75%	100%
___	Other screening:	None	25%	50%	75%	100%

...T SCREEN CONTENTS: 1 ray, wood, metal

...RBOARD SCREEN CONTENTS: N/A

...ate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species)

Horseshoe crab

Blue crab

...LE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X

...IES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

...nepts:

...r observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

...ver's name: Jennifer Perewiznyk Observer firm: Coastwise Consulting

...ver signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

E DISTRICT: Mobile

RACT #: W912[illegible]-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

ECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

169 LOAD start date: 20 June '04 Times (24hrs): Start 0219 End 0322

of screening: Port Good Starboard Good Overflow N/A

of dragheads in use: 1 Type of dragheads used: [illegible] Size of dragheads: 5' wide

ead deflector? YES ✓ NO ___ Condition of deflector: Good

[illegible] dredged: P. Cloudy

er conditions: sand, silt

tage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Sea States (Winds/Wave Height) (CIRCLE ONE)

1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
2 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
1 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

ft Wind (speed & direction): 10 SE

TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °C/°F

EEN TYPE

X	Inflow screening:	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

T SCREEN CONTENTS: wood, grass, plastic metal

BOARD SCREEN CONTENTS: N/A

ate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species)

Horseshoe crab

Blue crab

E OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X

IES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

epts:

observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

er's name: Jennifer Perewiznyk Observer firm Coastwise Consulting

er signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

CE DISTRICT: Mobile

TRACT #: W912ACat-cap05 Maintenance X / New Work ____ PROJECT start date: 1 June 2004

JECT NAME: Mobile Harbor outer Bar DREDGE NAME: M/V Atchafalaya

270 LOAD start date: 20 June '04 Times (24hrs): Start 0401 End 0500 DREDGE FIRM: BTB

... of screening: Port Good Starboard Good Overflow N/A

... of dragheads in use: 1 Type of dragheads used: mud/sand Size of dragheads: 5' WIDE

... deflector? YES ✓ NO ___ Condition of deflector: Good

... material dredged: sand, silt, mud

... conditions: P. Cloudy

...ge (CIRCLE ONE): Slack Rising High Falling Low Unknown

... Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = calm 0 ft; 1 = 1-3 kt/ov 0.25 ft; 2 = 4-6 kt/ov 0.5 ft; 3 = 7-10 kt/ov 2 ft; 4 = 11-16 kt/ov 4 ft; 5 = 17-21 kt/ov 6 ft; 6 = 22-27 kt/ov 10 ft; 7 = 28-33 kt/ov 14 ft; 8 = 34-40 kt/ov 18 ft; 9 = 41-47 kt/ov 23 ft; 10 = 48-55 kt/ov 29 ft; 11 = 56-63 kt/ov 37 ft; 12 = 64+ kt/ov 45 ft

... ____ ft Wind (speed & direction): 15 SE

EMP: 83 °C(F) (°F - 95 (°C) ÷ 32; °C = 5/9 (°F - 32))

R TEMP: Surface 86 °C(F) Column (mid-depth) 85 °C(F) Bottom 85 °C(F)

EN TYPE

X	Inflow screening:	None	25%	50%	75%	(100%)
____	Overflow screening:	None	25%	50%	75%	100%
____	Other screening:	None	25%	50%	75%	100%

SCREEN CONTENTS: 2 ray, 1 blue crab, 1 spider crab

BOARD SCREEN CONTENTS: N/A

... number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) 0

Horseshoe crab ____

Blue crab 1

... OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

...ES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

...: ____

... observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

...r's name: Jennifer Perewiznyk Observer firm: Coastal Consulting

...r signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

E DISTRICT: Mobile

RACT #: W912[illegible]-04-C-0005 Maintenance X New Work ____ PROJECT start date 1 June 2004

ECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: BEB

211 LOAD start date: 20 June '04 Times (24hrs): Start 0535 End 0650

of screening: Port Good Starboard Good Overflow N/A

draghends in use: 1 Type of dragheads used: Mudhead Size of dragheads: 5' wide

head deflector? YES ✓ NO ___ Condition of deflector: Good

material dredged: Sand silt

her conditions: P. Cloudy

tage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Sea States (Winds/Wave Height) (CIRCLE ONE)

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
knot/0.25 ft	4 = 11-16 knot/4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
knot/0.5 ft	5 = 17-21 knot/6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

ft Wind (speed & direction): 12 SE

TEMP: 83 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

ER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °C/°F

EEN TYPE

X	Inflow screening:	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

SCREEN CONTENTS: Wood, fiberglass, grass, plastic

BOARD SCREEN CONTENTS: N/A

ate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

E OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

IES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

epts: ____

observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

er's name: Jennifer Perewiznyk Observer firm Coastwise Consulting

er signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912A-04-C-0005 Maintenance X /New Work ____ PROJECT start date: 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Atchafalaya

DREDGE FIRM: B+B

LOAD #: 272 LOAD start date: 20 June '04 Times (24hrs): Start 0737 End 0852

Condition of screening: Port Good Starboard Good Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: Sand, silt

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

1 = 1-3 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
2 = 4-6 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
3 = 4-6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): ____

AIR TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °C/°F

SCREEN TYPE

X	Inflow screening:	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: 1 ray, tire, wire, metal, plastic, wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perewizpyk Observer firm: Coastwise Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912[illegible]-04-C-0005 Maintenance X New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 273 LOAD start date: 20 June '04 Times (24hrs): Start 0939 End 1052

Condition of screening: Port Good Starboard Good Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: sand silt

Weather conditions: ~~EA~~ M. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = 1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/43
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): 8 SE

AIR TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F Column (mid-depth) 85 °C/°F Bottom 85 °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: Tray, chain, wood, plastic, metal

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perewiznyk Observer firm: Coastwise Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912BE-04-C-0015 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Bay Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: BEB

LOAD #: 274 LOAD start date: 30 June 04 Times (24hrs): Start 1139 End 1243

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: Mudhead Size of dragheads: 54 wide

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: SAND + Silt

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low (Unknown)

Beaufort Sea States (Wind/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): SW

AIR TEMP: 98 °C (F)

WATER TEMP: Surface 88 °C (F) Column (mid-depth) 87 °C (F) Bottom 87 °C (F)

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

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: Mud + trash - 1 small cleopard Ray

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly Patton Observer firm: Coastwise Consulting

Observer signature: KP

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Bay Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 275 LOAD start date: 20 June 04 Times (24hrs): Start 1323 End 1434

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of drnghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'wide

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand & Silt

Weather conditions: Partly cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low ~~Unknown~~

Beaufort Sea States (Wind/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): S E

AIR TEMP: 91 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/(F) Column (mid-depth) 87 °C/(F) Bottom 87 °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: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly Foster Observer firm Coastwise Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912F8-04-C-0005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Bay Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 276 LOAD start date: 9 June 04 Times (24hrs): Start 1509 End 1614

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'wide

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: SAND & Silt

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low ~~Unknown~~

Beaufort Sea States (Wind/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): SE

AIR TEMP: 90 °C/(F) ('F = 9/5 ('C) + 32; 'C = 5/9 ('F - 32))

WATER TEMP: Surface 32 °C/(F) Column (mid-depth) 89 °C (F) Bottom 89 °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: PVC & wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly Patton Observer firm Barbara's Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Bay Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 278 LOAD start date: 20 June 04 Times (24hrs): Start 1652 End 1816

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: Mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand + Silt

Weather conditions: HAZY

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): SW

AIR TEMP: 90 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F Column (mid-depth) 89 °C/°F Bottom 89 °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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly Phillips Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Bay Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM:

LOAD #: 278 LOAD start date 20 June 04 Times (24hrs): Start 1856 End 2010

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: Mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: Sand + Silt

Weather conditions: Clear but Hazy

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): SE

AIR TEMP: 90 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F Column (mid-depth) 89 °C/°F Bottom 89 °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: 4 Rays + 1 tire

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly Peters Observer firm Coastwise Consulting

Observer signature KP

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Bay Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B-D-B

LOAD #: 279 LOAD start date: 20 June 04 Times (24hrs): Start 2056 End 2204

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: Mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: Sand + silt

Weather conditions: Hazy

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): SE

AIR TEMP: 85 °C / F

WATER TEMP: Surface 86 °C / F Column (mid-depth) 85 °C / F Bottom 85 °C / F

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

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: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

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: Kimberly Peters Observer firm Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-P-0005 Maintenance X /New Work ____ PROJECT start date 1 June 20[illegible]

PROJECT NAME: Mobile Bay Outer Bar DREDGE NAME: M/v Atchafalaya

DREDGE FIRM: B+B

LOAD #: 280 LOAD start date: 20 June '04 Times (24hrs): Start 2245 End 2345

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: Sand, mud, and silt

Weather conditions: M. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): 6 SE

AIR TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F Column (mid-depth) 89 °C/°F Bottom 89 °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: 3 rays, wood, plastic

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perewiznyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date June 2004

PROJECT NAME: Mobile Bay Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 281 LOAD start date: 21 June '04 Times (24hrs): Start 0024 End 0130

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: sand, mud, silt

Weather conditions: M. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: _____ ft Wind (speed & direction): _____

AIR TEMP: 94 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C (F) Column (mid-depth) 89 °C (F) Bottom 89 °C (F)

SCREEN TYPE

		None	25%	50%	75%	100%
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, plastic, grass, metal

STARBOARD SCREEN CONTENTS: N/A

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: _____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Pereverzeff Observer firm: Coastwise Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PM-04-C-0015 Maintenance X /New Work ____ PROJECT start date 1 June 04

PROJECT NAME: Mobile Bay Entrance Bar DREDGE NAME: M/V Alcalde

DREDGE FIRM: B+B

LOAD #: 282 LOAD start date: 21 June 04 Times (24hrs): Start 0210 End 0322

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of drnghends in use: 1 Type of dragheads used: Matthews Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand, mud, silt

Weather conditions: M. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knots/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: 84 °C/(F)

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/(F) Column (mid-depth) 89 °C/(F) Bottom 89 °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: 3 rays wood, metal fiberglass, plastic

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 0

Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO 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: Jennifer Pereverzyk Observer firm: Continuum Consulting

Observer signature: Jennifer Pereverzyk

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date June 200

PROJECT NAME: Mobile Bay Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 283 LOAD start date: 21 June '04 Times (24hrs): Start 0402 End 0512

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'wide

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand, mud & silt

Weather conditions: M. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): 6 SE

AIR TEMP: 84 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 70 °C/(F) Column (mid-depth) 84 °C/(F) Bottom 89 °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, grass, plastic

STARBOARD SCREEN CONTENTS: N/A

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: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: Jennifer Krewizny Observer firm Barnes Consulting

Observer signature: Jennifer Krewizny

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912BS-04-C-0005 Maintenance X /New Work ____ PROJECT start date June 200

PROJECT NAME: Mobile Bay Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: [illegible]

LOAD #: 284 LOAD start date: 21 June '04 Times (24hrs): Start 0549 End 0702

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand mud silt

Weather conditions: M-Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = ≥63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): C SE

AIR TEMP: 84 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 96 °C (F) Column (mid-depth) 89 °C (F) Bottom 89 °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, plastic, rubbers, 1 blue crab

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species)

Horseshoe crab

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: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: Jennifer Reneuzynski Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: [illegible] Maintenance X /New Work ____ PROJECT start date 1 June 2

PROJECT NAME: Mobile Bay Cutter Bar DREDGE NAME: M/V Alchafalaya

DREDGE FIRM: B+B

LOAD #: 285 LOAD start date: 21 June '04 Times (24hrs): Start 0750 End 0910

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: Mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: Sand, silt, mud

Weather conditions: M. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): 6 SE

AIR TEMP: 86 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F Column (mid-depth) 89 °C/°F Bottom 89 °C/°F

SCREEN TYPE

X	Inflow screening:	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: 2 rays, wood, fiberglass, plastic

STARBOARD SCREEN CONTENTS: N/A

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:

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perewizak Observer firm: Coastwise Consultants

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 20

PROJECT NAME: Mobile Bay Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 206 LOAD start date: 21 Jun '04 Times (24hrs): Start 0959 End 1135

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand mud, silt

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): 8 SE

AIR TEMP: 90 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F Column (mid-depth) 89 °C/°F Bottom 89 °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: Rope, wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

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

USACE DISTRICT: Mobile

CONTRACT #: W912BA-04-C-0015 Maintenance X /New Work ____ PROJECT start date June 2

PROJECT NAME: Mobile Bay Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM:

LOAD #: 287 LOAD start date: 21 June 04 Times (24hrs): Start 1213 End 1310

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: Matthews Size of dragheads: 54 inch

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand, Mud, Silt

Weather conditions: M. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low (Unknown)

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): ____

AIR TEMP: 94 °C (F)

WATER TEMP: Surface 90 °C (F) Column (mid-depth) 89 °C (F) Bottom 89 °C (F)

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

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: N/A

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: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: Jim Dickey Observer firm Ecological Consulting

Observer signature Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date June 20

PROJECT NAME: Mobile Bay Outer Bar DREDGE NAME: M/v Atchafalaya

DREDGE FIRM:

LOAD #: 288 LOAD start date: 06/21/04 Times (24hrs): Start 1344 End 1450

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: Mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand, Mud, Silt

Weather conditions: Sunny, Hot!

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: 95 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/F Column (mid-depth) 89 °C/F Bottom 89 °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, plastic

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

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

USACE DISTRICT: Mobile

CONTRACT #: W912BE-04-T-0005 Maintenance X /New Work ____ PROJECT start date June 2

PROJECT NAME: Mobile Bay Entr Bar DREDGE NAME: M/V Alabama

DREDGE FIRM:

LOAD #: 289 LOAD start date: 06/21/04 Times (24hrs): Start 1530 End 1640

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: Mudhog Size of dragheads: 54 wide

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: Mud, silt, SAND

Weather conditions: Sunny, Hot!

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Wind/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: 94 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C (F) Column (mid-depth) 89 °C (F) Bottom 89 °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: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab 0

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: Jim Dickey

Observer signature: Jim Dickey

Observer firm: Barnard Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912[illegible]-04-C-0005 Maintenance X /New Work ____ PROJECT start date June 20

PROJECT NAME: Mobile Bay Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM:

LOAD #: 290 LOAD start date 06/21/04 Times (24hrs): Start 1716 End 1834

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of drnghends in use: 1 Type of dragheads used: Mudhead Size of dragheads: 54 wide

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand, Mud, Silt

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low (Unknown)

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft
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

12 = >63 knot/45

Waves: ____ ft Wind (speed & direction): ____

AIR TEMP: 90 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C (F) Column (mid-depth) 89 °C (F) Bottom 89 °C (F)

SCREEN TYPE

X	Inflow screening:	None	25%	50%	75%	100%
___	Overflow screening:	None	25%	50%	75%	100%
___	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: 2-sting RAYS, wood

STARBOARD SCREEN CONTENTS: N/A

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: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: Jim DICKEY

Observer signature Jim Dickey

Observer firm Baskin's Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912BA-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 20

PROJECT NAME: Mobile Bay Cutter Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM:

LOAD #: 291 LOAD start date: 06/21/04 Times (24hrs): Start 2039 End 2214

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: Mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Mud, silt, Sand

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Wind)/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: 90 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C (F) Column (mid-depth) 89 °C (F) Bottom 89 °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: Sting RAYS, wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: Jim Dickey Observer firm Construe Consulting

Observer signature Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-P-0005 Maintenance X /New Work ____ PROJECT start date 1 June 20

PROJECT NAME: Mobile Bay Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 292A LOAD start date: 06/21/04 Times (24hrs): Start 2236 End 2400

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand, mud, silt

Weather conditions: M. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): 10 SE

AIR TEMP: 83 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F Column (mid-depth) 89 °C/°F Bottom 89 °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, plastic, rubber

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perewiznyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2[illegible]

PROJECT NAME: Mobile Bay Outer Bar DREDGE NAME: M/V Alchafalaya

DREDGE FIRM: B+B

LOAD #: 292 B LOAD start date: 22 June '04 Times (24hrs): Start 0000 End 0013

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5' wide

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: sand, mud, silt

Weather conditions: M-Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): 15 SE

AIR TEMP: 83 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F Column (mid-depth) 89 °C/°F Bottom 89 °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: ~~[illegible]~~, wood, metal, plastic

STARBOARD SCREEN CONTENTS: N/A

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:

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perewiznyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ___ PROJECT start date: 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchatzalayo

DREDGE FIRM: B+B

LOAD #: 293 LOAD start date: 22 June '04 Times (24hrs): Start 0052 End 0217

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: S

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand, mud, silt

Weather conditions: M. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ___ ft Wind (speed & direction): 15 SE

AIR TEMP: 83 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F Column (mid-depth) 89 °C/°F Bottom 89 °C/°F

SCREEN TYPE: X Inflow screening: None 25% 50% 75% 100%

___ Overflow screening: None 25% 50% 75% 100%

___ Other screening: None 25% 50% 75% 100%

PORT SCREEN CONTENTS: 5 rays, wood, plastic, metal

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 0

Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO 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: Jennifer Perewiznyk Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 294 LOAD start date: 22 June '04 Times (24hrs): Start 0257 End 0409

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: Sand, mud, silt

Weather conditions: M. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): 10 SE

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F Column (mid-depth) 89 °C/°F Bottom 89 °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, grass

STARBOARD SCREEN CONTENTS: N/A

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:

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perewiznyk Observer firm Coastwise Consulting

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date: 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 295 LOAD start date: 22 June '04 Times (24hrs): Start 0448 End 0607

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: sand, mud, silt

Weather conditions: M. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft
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): 10 SE

AIR TEMP: 83 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F Column (mid-depth) 89 °C/°F Bottom 89 °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, tire, 1 spider crab, plastic, metal

STARBOARD SCREEN CONTENTS: N/A

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:

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perewoznyk Observer firm Coastwise Consulting

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 296 LOAD start date: 22 June '04 Times (24hrs): Start 0655 End 0821

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: Sand, mud, silt

Weather conditions: M. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): 12 SE

AIR TEMP: 83 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F Column (mid-depth) 89 °C/°F Bottom 89 °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, plastic, metal, rubber

STARBOARD SCREEN CONTENTS: N/A

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:

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perewiznyk Observer firm Coastwise Consulting

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchatalaya

DREDGE FIRM: B+B

LOAD #: 297 LOAD start date: 22 June '04 Times (24hrs): Start 0905 End 1046

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: sand, mud, silt

Weather conditions: M-Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): 12 SE

AIR TEMP: 83 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F Column (mid-depth) 89 °C/°F Bottom 89 °C/°F

SCREEN TYPE

X	Inflow screening:	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: 1 blue crab, grass, wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 0

Blue crab 1

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: Jennifer Perewiznyk Observer firm: Coastwise Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ___ PROJECT start date: 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchatalaya

DREDGE FIRM: B+R

LOAD #: 298 LOAD start date: 22 June '04 Times (24hrs): Start 1130 End 1257

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of draghends used: mudhead Size of draghends: 5'

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: SAND, Silt, Mud

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ___ ft Wind (speed & direction): SE 10

AIR TEMP: 88 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C (F) Column (mid-depth) 89 °C (F) Bottom 89 (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, SKAT, CAble

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

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

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-D-0005 Maintenance X /New Work ____ PROJECT start date 1 June 04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alamo Dredge

DREDGE FIRM: B&B

LOAD #: 299 LOAD start date: 06/22/04 Times (24hrs): Start 1338 End 1445

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of draghends used: mudhead Size of draghead: 5'

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: sand, mud, sitt

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low (Unknown)

Beaufort Sea States (Windy/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft; 1 = 1-3 knot/ 0.25 ft; 2 = 4-6 knot/ 0.5 ft; 3 = 7-10 knot/ 2 ft; 4 = 11-16 knot/ 4 ft; 5 = 17-21 knot/ 6 ft; 6 = 22-27 knot/10 ft; 7 = 28-33 knot/14 ft; 8 = 34-40 knot/18 ft; 9 = 41-47 knot/23 ft; 10 = 48-55 knot/29 ft; 11 = 56-63 knot/37 ft; 12 = >63 knot/45

Waves: ____ ft Wind (speed & direction): SE 10

AIR TEMP: 87 °C (F)

WATER TEMP: Surface 90 °C (F) Column (mid-depth) 89 °C (F) Bottom 89 °C (F)

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

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: Crab, wood, cable

STARBOARD SCREEN CONTENTS: N/A

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: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: Jim Rickey Observer firm Coastwise Consulting

Observer signature: Jim Rickey

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0005 Maintenance X /New Work ___ PROJECT start date: 15 June 04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: MV Alamo Gulf

DREDGE FIRM: B+B

LOAD #: 300 LOAD start date: 06/22/04 Times (24hrs): Start 1521 End 1627

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand, Silt, Mud

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Wind/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft; 1 = 1-3 knot/ 0.25 ft; 2 = 4-6 knot/ 0.5 ft; 3 = 7-10 knot/ 2 ft; 4 = 11-16 knot/ 4 ft; 5 = 17-21 knot/ 6 ft; 6 = 22-27 knot/10 ft; 7 = 28-33 knot/14 ft; 8 = 34-40 knot/18 ft; 9 = 41-47 knot/23 ft; 10 = 48-55 knot/29 ft; 11 = 56-63 knot/37 ft; 12 = >63 knot/45 ft

Waves: ___ ft Wind (speed & direction): SE 10

AIR TEMP: 87 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C (F) Column (mid-depth) 89 °C (F) Bottom 89 °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, plastic, crab

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab 0

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: Jim Dickey Observer firm: Coastwise Consulting

Observer signature: Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-P-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Dicker Bar DREDGE NAME: M/V Alchalalaya

DREDGE FIRM: B & R

LOAD #: 301 LOAD start date: 06/22/04 Times (24hrs): Start 1702 End 1836

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of draghends used: mudhead Size of draghends: 5'

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Mud, Sand, Silt

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = 41 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): SE 15

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F Column (mid-depth) 89 °C/°F Bottom 89 0

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, SKATE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

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

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-F-0005 Maintenance X /New Work ____ PROJECT start date 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchafalaya

DREDGE FIRM: B + B

LOAD #: 302 LOAD start date: 06/22/04 Times (24hrs): Start 1920 End 2100

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: SAND, silt, mud

Weather conditions: P. Cloudy, RAIN

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/43
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): SE15

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F Column (mid-depth) 89 °C/°F Bottom 89 °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, SKATE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____ 0

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: Jim DICKEY Observer firm COASTWISE Consulting

Observer signature Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912PZ-04-D-0005 Maintenance X / New Work ____ PROJECT start date: 15 June 04

PROJECT NAME: Mobile Harbor Mobile Bay DREDGE NAME: M/V Alphonse Lacoste

DREDGE FIRM: T + B

LOAD #: 303 LOAD start date: 06/22/04 Times (24hrs): Start 2141 End 2307

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: sand, silt, mud

Weather conditions: P. Cloudy, Lightning

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Wind/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft; 1 = 1-3 knot/ 0.25 ft; 2 = 4-6 knot/ 0.5 ft; 3 = 7-10 knot/ 2 ft; 4 = 11-16 knot/ 4 ft; 5 = 17-21 knot/ 6 ft; 6 = 22-27 knot/10 ft; 7 = 28-33 knot/14 ft; 8 = 34-40 knot/18 ft; 9 = 41-47 knot/23 ft; 10 = 48-55 knot/29 ft; 11 = 56-63 knot/37 ft; 12 = >63 knot/45

Waves: ____ ft Wind (speed & direction): ____

AIR TEMP: 85 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C (F) Column (mid-depth): 89 °C (F) Bottom: 89 °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, sting RAY

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab 0

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: Jim DICKEY

Observer signature: Jim Dickey

Observer firm: COASTWISE Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date: 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 304 LOAD start date: 23 June '04 Times (24hrs): Start 0000 End 0115

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: sand, mud, silt

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): 12 SE

AIR TEMP: 83 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F Column (mid-depth) 89 °C/°F Bottom 89 °C/°F

SCREEN TYPE

X	Inflow screening:	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: 1 ray, grass, PVC, rubber, plastic

STARBOARD SCREEN CONTENTS: N/A

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:

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Berewiznyk Observer firm Coastwise Consulting

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date: 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 305 LOAD start date: 25 Jun 04 Times (24hrs): Start 0157 End 0309

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: sand mud, silt

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): 12 SE

AIR TEMP: 83 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F Column (mid-depth): 89 °C/°F Bottom 89 °C

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, grass, plastic, metal

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Berwanger Observer firm Coastwise Consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-D-0005 Maintenance X /New Work ____ PROJECT start date June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alcha Delaye

DREDGE FIRM: B + B

LOAD #: 306 LOAD start date: 23 Jun 04 Times (24hrs): Start 0548 End 0523

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: sand, silt

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Wind/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): 10 SE

AIR TEMP: 85 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C (F) Column (mid-depth) 89 °C (F) Bottom 89 (F)

SCREEN TYPE

X	Inflow screening:	None	25%	50%	75%	(100%)
____	Overflow screening:	None	25%	50%	75%	100%
____	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: 1 leopard skate, wood, plastic, wire

STARBOARD SCREEN CONTENTS: N/A

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: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: Jennifer Lewandowski Observer firm Coastwise Consulting

Observer signature: Jennifer Lewandowski

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ___ PROJECT start date: 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchatzalayee

DREDGE FIRM: B + B

LOAD #: 307 LOAD start date: 23 June 04 Times (24hrs): Start 0541 End 0720

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: sand, mud, silt

Weather conditions: M. Mudy

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): 16 SE

AIR TEMP: 86 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F Column (mid-depth): 89 °C/°F Bottom: 89 °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: grass, wood, metal, foam, fiberglass

STARBOARD SCREEN CONTENTS: N/A

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:

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perewiznyk Observer firm: Coastwise Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-D-0005 Maintenance X /New Work ____ PROJECT start date 15 June '04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Archaffalaya

DREDGE FIRM: B+B

LOAD #: 308 LOAD start date: 23 June '04 Times (24hrs): Start 0803 End 0929

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: sand, silt, mud

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low (Unknown)

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft; 1 = 1- 3 knot/ 0.25 ft; 2 = 4- 6 knot/ 0.5 ft; 3 = 7-10 knot/ 2 ft; 4 = 11-16 knot/ 4 ft; 5 = 17-21 knot/ 6 ft; 6 = 22-27 knot/10 ft; 7 = 28-33 knot/14 ft; 8 = 34-40 knot/18 ft; 9 = 41-47 knot/23 ft; 10 = 48-55 knot/29 ft; 11 = 56-63 knot/37 ft; 12 = >63 knot/45

Waves: ____ ft Wind (speed & direction): 22 SE

AIR TEMP: 90 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C (F) Column (mid-depth) 89 °C (F) Bottom: 89 °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, grass, 1 blue crab

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab 0

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: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: Jennifer Fernandez Observer firm Coastal Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-01-C-0005 Maintenance X /New Work ____ PROJECT start date: [illegible]

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: [illegible]

DREDGE FIRM: B+B

LOAD #: 301 LOAD start date: 23 Jun 04 Times (24hrs): Start 1014 End 1153

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: sand, mud, silt

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = [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): 20 SE

AIR TEMP: 93 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F Column (mid-depth) 89 °C/°F Bottom 89 °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, plastic

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jim Dickey Observer firm: Coastwise Consult.

Observer signature: Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date: June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 310 LOAD start date: 06/23/04 Times (24hrs): Start 1240 End 1402

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of draghends used: mudhead Size of draghends: 5'

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Mud, Sand, Silt

Weather conditions: Sunny, Humid

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): SW15

AIR TEMP: 93 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F Column (mid-depth) 89 °C/°F Bottom 89 °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, WIRE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

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

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-D-0005 Maintenance X / New Work ____ PROJECT start date 15 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: [illegible]

LOAD #: 321 LOAD start date: 06/23/04 Times (24hrs): Start 1449 End 1601

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of draghends used: mudhead Size of draghends: 5'

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand, Silt, Mud

Weather conditions: Pc Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Windy/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): SE 20

AIR TEMP: 91 °F

WATER TEMP: Surface 92 °F Column (mid-depth) 89 °F Bottom: 89 °F

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

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, Aluminum

STARBOARD SCREEN CONTENTS: N/A

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:

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

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ___ PROJECT start date: 1 June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchatalaya

DREDGE FIRM: B & B

LOAD #: 312 LOAD start date: 06/23/04 Times (24hrs): Start 1646 End 1823

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Mud, silt, sand

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ___ ft Wind (speed & direction): SE 20

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F Column (mid-depth) 89 °C/°F Bottom 89 °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, wire, rope

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ NO X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

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

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date: June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B & B

LOAD #: 313 LOAD start date: 06/23/04 Times (24hrs): Start 1905 End 2045

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: Mud, silt, sand

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 4 ft Wind (speed & direction): SE 20

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F Column (mid-depth) 89 °C/°F Bottom 89 °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, Sting RAY

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

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 Consultin

Observer signature Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-D-0005 Maintenance X /New Work ____ PROJECT start date 15 June 04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Ivy Archambeault

DREDGE FIRM: B+B

LOAD #: 314 LOAD start date: 06/23/04 Times (24hrs): Start 2130 End 2302

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand, Silt, Mud

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low (Unknown)

Beaufort Sea States (Wind/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 = 64+ 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): SE 20

AIR TEMP: 84 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C (F) Column (mid-depth) 89 °C (F) Bottom 89 °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, grass, plastic

STARBOARD SCREEN CONTENTS: N/A

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: ____

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

USACE DISTRICT: [illegible]

CONTRACT #: [illegible] Maintenance ___ New Work ___ PROJECT start date: [illegible]

PROJECT NAME: [illegible] DREDGE NAME: [illegible]

DREDGE FIRM: [illegible]

LOAD #: [illegible] LOAD start date: [illegible] Times (24hrs): Start [illegible]

Condition of screening: Port Good Starboard [illegible] Overflow [illegible]

Number of dragheads in use: ___ Type of dragheads used: [illegible] Size of dragheads: [illegible]

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

[illegible]

Weather conditions: [illegible]

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = 41 knot 0 ft	3 = 7-10 knot 2 ft	6 = 22-27 knot 16 ft	9 = 41-47 knot 23 ft
1 = 1-3 knot 0.25 ft	4 = 11-16 knot 4 ft	7 = 28-33 knot 14 ft	10 = 48-55 knot 29 ft
2 = 4-6 knot [illegible]	5 = 17-21 knot 6 ft	8 = 34-40 knot 18 ft	11 = 56-63 knot 37 ft

Waves: ___ ft Wind (speed & direction): [illegible]

AIR TEMP: [illegible] °C/°F (°F = 9.5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface [illegible] °C/°F Column (mid-depth) [illegible] °C/°F Bottom: [illegible]

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: [illegible]

STARBOARD SCREEN CONTENTS: [illegible]

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: [illegible] Observer firm: [illegible]

Observer signature: [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance: X /New Work ____ PROJECT start date: [illegible]

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: [illegible]

DREDGE FIRM: B+B

LOAD #: 316 LOAD start date: 24 June '04 Times (24hrs): Start 0216 End 0318

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: Sand, mud, silt

Weather conditions: M. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = 1 knot/0 ft	3 = 7-10 knot/2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = [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): 8 SEV

AIR TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F Column (mid-depth) 89 °C/°F Bottom 87 °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: grass, wood, plastic, metal, 1 ray, 2 blue crabs

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) 0

Shark (any species) 0

Horseshoe crab 0

Blue crab 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: Jennifer Perewiznyk Observer firm: Coastwise Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date: June 2004

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Atchafalaya

DREDGE FIRM: B+B

LOAD #: 317 LOAD start date: 24 June '04 Times (24hrs): Start 0351 End 0511

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: Sand, silt, mud

Weather conditions: M. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): 8 SEA W

AIR TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F Column (mid-depth) 89 °C/°F Bottom 89 °C

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, grass, cloth, lines

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perewizny Observer firm: Coastwise Consulting

Observer signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchatalaya

DREDGE FIRM: B+B

LOAD #: 318 LOAD start date: 24 June '04 Times (24hrs): Start 0559 End 0723

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand, silt, mud

Weather conditions: M. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): 8 SW

AIR TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F Column (mid-depth) 89 °C/°F Bottom 89 °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: grass, wood, plastic

STARBOARD SCREEN CONTENTS: N/A

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:

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perewitzyk Observer firm Coastwise Consulting

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date: 1 June 200

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Alchafalaya

DREDGE FIRM: BTB

LOAD #: 39 LOAD start date: 24 Jun '04 Times (24hrs): Start 0810 End 0938

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ____ Condition of deflector: Good

Type of material dredged: Sand, mud, silt

Weather conditions: M. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: ____ ft Wind (speed & direction): 8 SW

AIR TEMP: 87 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F Column (mid-depth) 89 °C/°F Bottom 89 °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, grass, plastic, metal, rubber

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Perewizny Observer firm Coastwise Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0005 Maintenance X / New Work ____ PROJECT start date: 15 June '04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: M/V Ahnapee

DREDGE FIRM: B+B

LOAD #: 320 LOAD start date: 24 June '04 Times (24hrs): Start 1023 End 1208

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand mud, silt

Weather conditions: M. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low (Unknown)

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft; 1 = 1-3 knot/ 0.25 ft; 2 = 4-6 knot/ 0.5 ft; 3 = 7-10 knot/ 2 ft; 4 = 11-16 knot/ 4 ft; 5 = 17-21 knot/ 6 ft; 6 = 22-27 knot/10 ft; 7 = 28-33 knot/14 ft; 8 = 34-40 knot/18 ft; 9 = 41-47 knot/23 ft; 10 = 48-55 knot/29 ft; 11 = 56-63 knot/37 ft; 12 = >63 knot/45

Waves: ____ ft Wind (speed & direction): SW 10

AIR TEMP: 87 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C (F) Column (mid-depth) 89 °C (F) Bottom: 89 (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: METAL, wood, PLASTIC

STARBOARD SCREEN CONTENTS: N/A

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:

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: Tim Dickey Observer firm: Bhate Environmental

Observer signature: Tim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date 15 June 04

PROJECT NAME: Mobile Harbor Dredging DREDGE NAME: M/V Alphadredge

DREDGE FIRM: [illegible]

LOAD #: 321 LOAD start date: 06/24/04 Times (24hrs): Start 1256 End 1418

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Mud, silt, sand

Weather conditions: P. Cloudy, RAIN

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Wind/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): SW/0

AIR TEMP: 86 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C (F) Column (mid-depth) 89 °C (F) Bottom 89 °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: CABLE, wood

STARBOARD SCREEN CONTENTS: N/A

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: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: Tom Dickey Observer firm Coastwise Cons.

Observer signature: Tom Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0005 Maintenance X / New Work ____ PROJECT start date: June '04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: W.V. Richardson

DREDGE FIRM: [illegible]

LOAD #: 322 LOAD start date: 06/24/04 Times (24hrs): Start 1508 End 1622

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand, Silt, Mud

Weather conditions: PC Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Windy/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): SW 10

AIR TEMP: 86 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C (F) Column (mid-depth): 89 °C (F) Bottom 89 (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, Cable

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab 0

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: Jim Dickey

Observer signature: [signature]

Observer firm: Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W912P8-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 04

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: Mv Alchua

DREDGE FIRM: B+B

LOAD #: 323 LOAD start date: 06/24/04 Times (24hrs): Start 1933 End 2030

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of dragheads used: mudhead Size of dragheads: 5'

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Sand, silt, Mud

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low (Unknown)

Beaufort Sea States (Windy/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft; 1 = 1-3 knot/ 0.25 ft; 2 = 4-6 knot/ 0.5 ft; 3 = 7-10 knot/ 2 ft; 4 = 11-16 knot/ 4 ft; 5 = 17-21 knot/ 6 ft; 6 = 22-27 knot/10 ft; 7 = 28-33 knot/14 ft; 8 = 34-40 knot/18 ft; 9 = 41-47 knot/23 ft; 10 = 48-55 knot/29 ft; 11 = 56-63 knot/37 ft; 12 = >63 knot/45

Waves: ____ ft Wind (speed & direction): SE 5

AIR TEMP: 86 °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface ____ °C / F Column (mid-depth): 89 °C (F) Bottom 89 °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: Sting RAY, wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: Tom DICKEY Observer firm COASTWISE Consulting

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Mobile

CONTRACT #: W91278-04-C-0005 Maintenance X /New Work ____ PROJECT start date 1 June 20[illegible]

PROJECT NAME: Mobile Harbor Outer Bar DREDGE NAME: [illegible]

DREDGE FIRM: B+B

LOAD #: 324 LOAD start date: 06/24/04 Times (24hrs): Start 2105 End 2154

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of draghends in use: 1 Type of draghends used: mudhead Size of draghends: 5'

Draghead deflector? YES ✓ NO ___ Condition of deflector: Good

Type of material dredged: Silt, Sand, Mud

Weather conditions: P. Cloudy, Rain

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): SE20

AIR TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F Column (mid-depth) 89 °C/°F Bottom 89 °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, TIRE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

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