ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY04C0020 **Maintenance** ✓ **/New Work** _____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean

LOAD #: 1 **LOAD start date:** 12/17/04 **Times (24hrs): Start** _____ **End** _____

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

Number of dragheads in use: 2 **Type of dragheads used:** _____ **Size of dragheads:** _____

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

Type of material dredged: clay

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: 1-2 **ft** **Wind (speed & direction):** 5-10 kt

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

✓	**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, clay

STARBOARD SCREEN CONTENTS: trash, clay

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: Julie Craig **Observer firm** Coastwise

Observer signature Julie Craig

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean Stuyvesant

LOAD #: 2 **LOAD start date:** 12/17/04 **Times (24hrs):** **Start** ____ **End** ____

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

Number of dragheads in use: 2 **Type of dragheads used:** ____ **Size of dragheads:** ____

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

Type of material dredged: 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

✓	**Inflow screening:**	None	25%	50%	75%	100%
n/a	**Overflow screening:**	None	25%	50%	75%	100%
n/a	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: J. Gray

Observer signature [signature]

Observer firm Coastwise

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean Stuyvesant

LOAD #: 3 **LOAD start date:** 12/17/04 **Times (24hrs): Start** ____ **End** ____

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

Number of dragheads in use: 2 **Type of dragheads used:** ____ **Size of dragheads:** ____

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

Type of material dredged: clay

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: ____ °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 ✓	**Inflow screening:**	None	25%	50%	75%	100%
n/a	**Overflow screening:**	None	25%	50%	75%	100%
n/a	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: T Craig **Observer firm** Coastwise

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District
CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12/17/04
PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle Otter
DREDGE FIRM: Bean Stuyvesant

LOAD #: 4 **LOAD start date:** 12/17/04 **Times (24hrs):** **Start** ____ **End** ____

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

Number of dragheads in use: 2 **Type of dragheads used:** ____ **Size of dragheads:** ____
Draghead deflector? **YES** ✓ **NO** ____ **Condition of deflector:** good

Type of material dredged: clay

Weather conditions: skies clearing

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

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

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 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

✓	**Inflow screening:**	None	25%	50%	75%	100%
n/a	**Overflow screening:**	None	25%	50%	75%	100%
n/a	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: ↓ ↓

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

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

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

Comments: ____

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

Observer's name: J. Craig **Observer firm** Coastwise
Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** _____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean Stuyvesant

LOAD #: 5 **LOAD start date:** 12/17/04 **Times (24hrs):** **Start** _____ **End** _____

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

Number of dragheads in use: 2 **Type of dragheads used:** _____ **Size of dragheads:** _____

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

Type of material dredged: clay

Weather conditions: skies 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):** 5-10 kt

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 ✓	**Inflow screening:**	None	25%	50%	75%	(100%)
n/a	**Overflow screening:**	None	25%	50%	75%	100%
n/a	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: clay, trash

STARBOARD SCREEN CONTENTS:

Estimate number entrained on this load for the following:

Sturgeon (any species) _____

Shark (any species) _____

Horseshoe crab _____

Blue crab _____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: **YES** _____ **NO** ✓

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

Comments: —

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

Observer's name: T. Craig **Observer firm** Coastwise

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean Stuyvesant

LOAD #: 6 **LOAD start date:** 12-18-04 **Times (24hrs):** **Start** 0237 **End** 0255

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

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —

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

Type of material dredged: MUD / CLAY

Weather conditions: CC = 0.1, B = 1021, Calm

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

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

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

Waves: < 1 ft **Wind (speed & direction):** ENE 5-10K

AIR TEMP: 12.2 (°C)/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: **Surface** 15 (°C)/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
n/a	**Overflow screening:**	None	25%	50%	75%	100%
n/a	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: PLASTICS, TRASH

STARBOARD SCREEN CONTENTS: PLASTICS, TRASH, NETTING

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

Observer's name: Cary Deringer **Observer firm** Coastwise

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District
CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12/17/04
PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One
DREDGE FIRM: Bean Stuyvesant
LOAD #: 7 **LOAD start date:** 12.18.04 **Times (24hrs):** **Start** 0401 **End** 0419

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

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —
Draghead deflector? **YES** ✓ **NO** ____ **Condition of deflector:** good

Type of material dredged: CLAY, MUD

Weather conditions: B=1021, 0% CC, Calm

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

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

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

Waves: 1 ft **Wind (speed & direction):** ENE 5-8K

AIR TEMP: 12.2 (°C)/°F
WATER TEMP: **Surface** 15 (°C)/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F
(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
n/a	**Overflow screening:**	None	25%	50%	75%	100%
n/a	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: TRASH, ROPE,

STARBOARD SCREEN CONTENTS: TRASH

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** ✓

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

Comments: /

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

Observer's name: CARY DEBINGER
Observer signature [signature] **Observer firm** Coastwise

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District
CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12/17/04
PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One
DREDGE FIRM: Bean Stuyvesant
LOAD #: 8 **LOAD start date:** 12.18.04 **Times (24hrs):** **Start** 0535 **End** 0553

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

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —
Draghead deflector? **YES** ✓ **NO** ____ **Condition of deflector:** good

Type of material dredged: CLAY, MUD

Weather conditions: O.C., B=1023

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

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

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 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):** ENE 5-8k

AIR TEMP: 12 (°C) °F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 15 (°C) °F **Column (mid-depth)** — °C / °F **Bottom** — °C / °F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
n/a	**Overflow screening:**	None	25%	50%	75%	100%
n/a	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: TRASH, PLASTICS

STARBOARD SCREEN CONTENTS: PLASTICS

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** ✓

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

Comments: /

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

Observer's name: CARY DERINGER **Observer firm** Coastwise
Observer signature C. K. D

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** _____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean Stuyvesant

LOAD #: 9 **LOAD start date:** 12.18.04 **Times (24hrs):** **Start** 0703 **End** 0720

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

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —

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

Type of material dredged: CLAY, MUD

Weather conditions: B=10, 10.1.CC

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

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

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) 4- 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):** ENE 5K

AIR TEMP: 16.6 (°C) / °F

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

WATER TEMP: Surface 16 (°C) / °F **Column (mid-depth)** 16 (°C) / °F **Bottom** — °C / °F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
n/a	**Overflow screening:**	None	25%	50%	75%	100%
n/a	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: TRASH

STARBOARD SCREEN CONTENTS: TRASH, ROPE, NET

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 ✓

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

Comments: ___

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

Observer's name: CARY DERINGER **Observer firm** Coastwise

Observer signature ___

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District
CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12/17/04
PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One
DREDGE FIRM: Bean Stuyvesant
LOAD #: 10 **LOAD start date:** 12-18-04 **Times (24hrs):** **Start** 0824 **End** 0840

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

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —
Draghead deflector? **YES** ✓ **NO** ____ **Condition of deflector:** good

Type of material dredged: CLAY, MUD

Weather conditions: B=1024, 10/.cc, calm

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

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

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

Waves: <1 ft **Wind (speed & direction):** E'ly 3-5 K

AIR TEMP: 18.7 (°C) °F
WATER TEMP: Surface 16 (°C) °F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32)) **Column (mid-depth)** 16 (°C) °F **Bottom** — °C / °F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
n/a	**Overflow screening:**	None	25%	50%	75%	100%
n/a	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: TRASH

STARBOARD SCREEN CONTENTS: TRASH 3 Fish Box 100 /. Full of clay

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

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

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

Comments: /

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

Observer's name: CARY OBRIDGER
Observer signature [signature] **Observer firm** Coastwise

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean Stuyvesant

LOAD #: 11 **LOAD start date:** 12.18.04 **Times (24hrs): Start** 0943 **End** 1003

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

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —

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

Type of material dredged: MUD, clay

Weather conditions: calm, 10/.cc, B=1024, sunny!

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

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

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

Waves: <1 **ft** **Wind (speed & direction):** Lt./var.

AIR TEMP: 20.3 (°C) °F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 16 (°C) °F **Column (mid-depth)** 16 (°C) °F **Bottom** — °C / °F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
n/a	**Overflow screening:**	None	25%	50%	75%	100%
n/a	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: TRASH

STARBOARD SCREEN CONTENTS: TRASH

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

Observer's name: Cary V. Desinger **Observer firm** Coastwise

Observer signature C. V. D.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District
CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12/17/04
PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One
DREDGE FIRM: Bean-Stuyvesant
LOAD #: 12 **LOAD start date:** 12.18.04 **Times (24hrs):** **Start** 1103 **End** 1122

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

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —
Draghead deflector? YES ✓ NO ____ **Condition of deflector:** good

Type of material dredged: MUD, clay

Weather conditions: Calm, sunny, 20% cc, B = 1026

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

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

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 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):** Lt. Var, NW

AIR TEMP: 20.3 (°C) / °F
WATER TEMP: Surface 16 (°C) / °F **Column (mid-depth)** 16 (°C) / °F **Bottom** — °C / °F
(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
n/a	Overflow screening:	None	25%	50%	75%	100%
n/a	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: TRASH

STARBOARD SCREEN CONTENTS: TRASH

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

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

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

Comments:

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

Observer's name: Cary Deringer **Observer firm** Coastwise
Observer signature C. D.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** _____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean-Stuyvesant

LOAD #: 13 **LOAD start date:** 12.18.04 **Times (24hrs):** **Start** 1226 **End** 1245

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

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —

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

Type of material dredged: clay, mud

Weather conditions: Calm, 20°C, B=1026

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

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

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 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):** Lt & var. NW

AIR TEMP: 20.3 (°C) °F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 16 (°C) °F **Column (mid-depth)** 16 (°C) °F **Bottom** _____ °C / °F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
n/a	**Overflow screening:**	None	25%	50%	75%	100%
n/a	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: TRASH

STARBOARD SCREEN CONTENTS: TRASH

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: Cary Deringer **Observer firm** Coastwise

Observer signature C. K. D.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** _____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean Stuyvesant

LOAD #: 14 **LOAD start date:** 12-18-04 **Times (24hrs):** **Start** 1349 **End** 1406

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

Number of dragheads in use: 2 **Type of dragheads used:** _____ **Size of dragheads:** _____

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

Type of material dredged: clay

Weather conditions: skies clear

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

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

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

Waves: 0-1 **ft** **Wind (speed & direction):** 05 kt

AIR TEMP: 60.8°F **°C/°F** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 62°F **°C/°F** **Column (mid-depth)** _____ **°C/°F** **Bottom** _____ **°C/°F**

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	100%
n/a	**Overflow screening:**	None	25%	50%	75%	100%
n/a	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species) _____

Shark (any species) _____

Horseshoe crab _____

Blue crab _____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: **YES** _____ **NO** ✓

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

Comments: _____

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

Observer's name: J. Craig **Observer firm** Coastwise

Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** _____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean Stuyvesant

LOAD #: 15 **LOAD start date:** 12/18/04 **Times (24hrs): Start** 1520 **End** 1525

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

Number of dragheads in use: 2 **Type of dragheads used:** _____ **Size of dragheads:** _____

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

Type of material dredged: clay

Weather conditions: clear + calm

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

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

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

Waves: 0-1 **ft** **Wind (speed & direction):** 0-5 kt

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

WATER TEMP: Surface 62°F **°C / °F** **Column (mid-depth)** _____ **°C / °F** **Bottom** _____ **°C / °F**

SCREEN TYPE ✓	**Inflow screening:**	None	25%	50%	75%	100%
n/a	**Overflow screening:**	None	25%	50%	75%	100%
n/a	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species) _____

Shark (any species) _____

Horseshoe crab _____

Blue crab ✓

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES _____ **NO** ✓

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

Comments: _____

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

Observer's name: J. Craig **Observer firm** Coastwise

Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District
CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12/17/04
PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One
DREDGE FIRM: Bean Stuyvesant
LOAD #: 16 **LOAD start date:** 12/18 **Times (24hrs):** **Start** 1628 **End** 1641

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

Number of dragheads in use: 2 **Type of dragheads used:** ____ **Size of dragheads:** ____
Draghead deflector? **YES** ✓ **NO** ____ **Condition of deflector:** good

Type of material dredged: clay

Weather conditions: clear + calm

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

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

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

Waves: 0-1 ft **Wind (speed & direction):** 0-5kt

AIR TEMP: 59 F °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: **Surface** 62 °F °C/°F **Column (mid-depth)** ____ °C/°F **Bottom** ____ °C/°F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	100%
n/a	**Overflow screening:**	None	25%	50%	75%	100%
n/a	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay ✓

STARBOARD SCREEN CONTENTS: ✓

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

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

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

Comments: ____

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

Observer's name: J. Craig **Observer firm** Coastwise
Observer signature J. Craig

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District
CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** _____ **PROJECT start date** 12/17/04
PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One
DREDGE FIRM: Bean-Stuyvesant

LOAD #: 17 **LOAD start date:** 12/18/04 **Times (24hrs):** **Start** 1742 **End** 1806

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

Number of dragheads in use: 2 **Type of dragheads used:** _____ **Size of dragheads:** _____
Draghead deflector? **YES** ✓ **NO** ___ **Condition of deflector:** good

Type of material dredged: clay

Weather conditions: clear & calm

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

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

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

Waves: 0-1 ft **Wind (speed & direction):** 5-10 kt

AIR TEMP: 60 F °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 62°F °C/°F **Column (mid-depth)** _____ °C/°F **Bottom** _____ °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	100%
n/a	Overflow screening:	None	25%	50%	75%	100%
n/a	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: ✓ ✓

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: **YES** _____ **NO** ✓

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

Comments: ✓

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

Observer's name: J. Craig **Observer firm** Coastwise
Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District
CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** _____ **PROJECT start date** 12/17/04
PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One
DREDGE FIRM: Bean Stuyvesant
LOAD #: 18 **LOAD start date:** 12/18/04 **Times (24hrs):** **Start** 1913 **End** 1930

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

Number of dragheads in use: 2 **Type of dragheads used:** _____ **Size of dragheads:** _____
Draghead deflector? **YES** ✓ **NO** ___ **Condition of deflector:** good

Type of material dredged: clay

Weather conditions: clear + calm

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

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

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

Waves: 0-1 ft **Wind (speed & direction):** 0-5 kt

AIR TEMP: 58°F °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 62°F °C/°F **Column (mid-depth)** _____ °C/°F **Bottom** _____ °C/°F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	100%
n/a	**Overflow screening:**	None	25%	50%	75%	100%
n/a	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: ✓ ✓

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: **YES** _____ **NO** ✓

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

Comments: _____

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

Observer's name: T. Craig **Observer firm** Coastwise
Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District
CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12/17/04
PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One
DREDGE FIRM: Bean Stuyvesant
LOAD #: 19 **LOAD start date:** 12/18/04 **Times (24hrs): Start** 2036 **End** 2053

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

Number of dragheads in use: 2 **Type of dragheads used:** ____ **Size of dragheads:** ____
Draghead deflector? YES ✓ **NO** ____ **Condition of deflector:** good

Type of material dredged: clay

Weather conditions: clear & calm

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

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

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

Waves: 0-1' ft **Wind (speed & direction):** 5-10 kt

AIR TEMP: 55 °F °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 62 °F °C/°F **Column (mid-depth)** ____ °C/°F **Bottom** ____ °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	100%
n/a	Overflow screening:	None	25%	50%	75%	100%
n/a	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: ✓ ✓

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

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

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

Comments: —

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

Observer's name: J. Craig **Observer firm** Coastwise
Observer signature J. Craig

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District
CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12/17/04
PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One
DREDGE FIRM: Bean Stuyvesant
LOAD #: 20 **LOAD start date:** 12/18/04 **Times (24hrs):** **Start** 2157 **End** 2213

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

Number of dragheads in use: 2 **Type of dragheads used:** ____ **Size of dragheads:** ____
Draghead deflector? YES ✓ NO ____ **Condition of deflector:** good

Type of material dredged: clay

Weather conditions: skies 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: 1-2 ft **Wind (speed & direction):** 5-10 kt

AIR TEMP: 56 °F °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 62 °F °C/°F **Column (mid-depth)** ____ °C/°F **Bottom** ____ °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	100%
n/a	Overflow screening:	None	25%	50%	75%	100%
n/a	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: ↓ ↓

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

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

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

Comments: ____

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

Observer's name: T. Gray **Observer firm** Coastwise
Observer signature T. Gray

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District
CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** _____ **PROJECT start date** 12/17/04
PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One
DREDGE FIRM: Bean-Stuyvesant
LOAD #: 21 **LOAD start date:** 12/18/04 **Times (24hrs):** **Start** 2309 **End** 2358

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

Number of dragheads in use: 2 **Type of dragheads used:** _____ **Size of dragheads:** _____
Draghead deflector? YES ✓ NO ___ **Condition of deflector:** good

Type of material dredged: clay

Weather conditions: skies mostly clear w/scattered 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: 1-2' ft **Wind (speed & direction):** 5-10kt

AIR TEMP: 58 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 62 °C/°F **Column (mid-depth)** _____ °C/°F **Bottom** _____ °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	100%
n/a	Overflow screening:	None	25%	50%	75%	100%
n/a	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: clay, trash

STARBOARD SCREEN CONTENTS: ✓ ✓

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

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

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

Comments: _____

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

Observer's name: J. Craig **Observer firm** Coastwise
Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 Maintenance ✓ /New Work ____ PROJECT start date 12/17/04

PROJECT NAME: Sabine, Texas DREDGE NAME: Eagle One

12-13-04 DREDGE FIRM: Bean Stuyvesant

LOAD #: 22 LOAD start date: ~~12/18/04~~ Times (24hrs): Start 0034 End 0051

Condition of screening : Port good Starboard good Overflow —

Number of dragheads in use: 2 Type of dragheads used: ____ Size of dragheads: ____

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

Type of material dredged: clay

Weather conditions: skies clear

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

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

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

Waves: 1-2' ft Wind (speed & direction): 5-10 kt

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

WATER TEMP: Surface 62 F °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	100%
n/a	Overflow screening:	None	25%	50%	75%	100%
n/a	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: clay, trash

STARBOARD SCREEN CONTENTS: ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: J. Craig Observer firm Coastwise

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 Maintenance ✓ /New Work ____ PROJECT start date 12/17/04

PROJECT NAME: Sabine, Texas DREDGE NAME: Eagle One

DREDGE FIRM: Bean Stuyvesant

LOAD #: 23 LOAD start date: 12/19/04 Times (24hrs): Start 0150 End 0210

Condition of screening : Port good Starboard good Overflow —

Number of dragheads in use: 2 Type of dragheads used: — Size of dragheads: —

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

Type of material dredged: clay, mud

Weather conditions: [illegible], P=1026, 10 1/2 cc

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

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

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 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): NW 8-10 K

AIR TEMP: 13.1 (°C) °F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 15.5 (°C) °F Column (mid-depth) 15.5 (°C) °F Bottom — °C / °F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
n/a	Overflow screening:	None	25%	50%	75%	100%
n/a	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: TRASH

STARBOARD SCREEN CONTENTS: TRASH

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: Cary Deringer Observer firm Coastwise

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 Maintenance ✓ /New Work ____ PROJECT start date 12/17/04

PROJECT NAME: Sabine, Texas DREDGE NAME: Eagle One

DREDGE FIRM: Bean Stuyvesant

LOAD #: 24 LOAD start date: 12-19-04 Times (24hrs): Start 0308 End 0324

Condition of screening : Port good Starboard good Overflow —

Number of dragheads in use: 2 Type of dragheads used: — Size of dragheads: —

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

Type of material dredged: mud, clay

Weather conditions: 10/CC, B = 1026

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

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

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 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): 8-10 K NW

AIR TEMP: 13.1 °C / °F 55

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

WATER TEMP: Surface 15.5 °C / °F Column (mid-depth) 15.5 °C / °F Bottom — °C / °F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
n/a	Overflow screening:	None	25%	50%	75%	100%
n/a	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: TRASH

STARBOARD SCREEN CONTENTS: TRASH (*)

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 ✓

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

Comments: (*) Stbd. fwd. box. Gate pushed open by clay & debris to ≈ 3-4 INCHES

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

Observer's name: Cary Desonier Observer firm Coastwise

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 Maintenance ✓ /New Work ____ PROJECT start date 12/17/04

PROJECT NAME: Sabine, Texas DREDGE NAME: Eagle One

DREDGE FIRM: Bean Stuyvesant

LOAD #: 25 LOAD start date: 12-13-04 Times (24hrs): Start 0424 End 0443

Condition of screening : Port good Starboard good Overflow —

Number of dragheads in use: 2 Type of dragheads used: — Size of dragheads: —

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

Type of material dredged: mud, clay

Weather conditions: calm, 10°C, B = 1026

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

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

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

Waves: 2-1 ft Wind (speed & direction): NW 8-10 kt

AIR TEMP: 13 (°C) / °F

WATER TEMP: Surface 15-5 (°C) / °F Column (mid-depth) 13-5 (°C) / °F Bottom — °C / °F

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

SCREEN TYPE ✓	Inflow screening:	None	25%	50%	75%	(100%)
n/a	Overflow screening:	None	25%	50%	75%	100%
n/a	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: TRASH

STARBOARD SCREEN CONTENTS: TRASH

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: TIME DELAY DUE TO MOB/FIRE DRILL (0600) (1)

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

Observer's name: Cary Derringer Observer firm Coastwise

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 Maintenance ✓ /New Work ____ PROJECT start date 12/17/04

PROJECT NAME: Sabine, Texas DREDGE NAME: Eagle One

DREDGE FIRM: Bean Stuyvesant

LOAD #: 26 LOAD start date: 12.19.04 Times (24hrs): Start 0550 End 0643

Condition of screening : Port good Starboard good Overflow —

Number of dragheads in use: 2 Type of dragheads used: — Size of dragheads: —

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

Type of material dredged: mud, clay

Weather conditions: 10% cc, B=027

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

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

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 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): NW @ 8-10k

AIR TEMP: 12.2 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 15.5 (°C)/°F Column (mid-depth) 15.5 (°C)/°F Bottom — °C/°F

SCREEN TYPE ✓

	Inflow screening:	None	25%	50%	75%	(100%)
n/a	Overflow screening:	None	25%	50%	75%	~~100%~~
n/a	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: TRASH, Clay

STARBOARD SCREEN CONTENTS: TRASH

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 ✓

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

Comments: Time delay due to MOB/FIRE DRILL (1)

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

Observer's name: Cary Derringer Observer firm Coastwise

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean Stuyvesant

LOAD #: 27 **LOAD start date:** 12-19-04 **Times (24hrs):** **Start** 0718 **End** 0734

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

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —

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

Type of material dredged: Clay, mud

Weather conditions: 10/CC, P = 1027

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

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

0 = <1 knot/ 0 ft	(3 = 7-10 knot/ 2 ft)	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 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):** NW 10k

AIR TEMP: 12.2 (°C) °F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 13.5 (°C) °F Column (mid-depth) 13.5 (°C) °F Bottom — °C / °F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
n/a	Overflow screening:	None	25%	50%	75%	100%
n/a	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: 100% clay & debris

STARBOARD SCREEN CONTENTS: Debris

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: Cory Deringer **Observer firm** Coastwise

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 Maintenance ✓ /New Work ____ PROJECT start date 12/17/04

PROJECT NAME: Sabine, Texas DREDGE NAME: Eagle One

LOAD #: 28 LOAD start date: 12-19-04 Times (24hrs): Start ~~0837~~ 0837 End 0852 DREDGE FIRM: Bean Stuyvesant

Condition of screening : Port good Starboard good Overflow —

Number of dragheads in use: 2 Type of dragheads used: — Size of dragheads: —

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

Type of material dredged: clay, mud

Weather conditions: B=1029, tc=10/.

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

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

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

Waves: <1 ft Wind (speed & direction): N 12K

AIR TEMP: 16.3 (°C) °F

WATER TEMP: Surface 12.2 (°C) °F Column (mid-depth) 12.2 (°C) °F Bottom ____ °C / °F

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

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
n/a	Overflow screening:	None	25%	50%	75%	100%
n/a	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: clay, Debris

STARBOARD SCREEN CONTENTS: clay

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 ✓

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

Comments: —

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

Observer's name: Cary Deringer Observer firm Coastwise

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean Stuyvesant

LOAD #: 29 **LOAD start date:** 12-19-04 **Times (24hrs):** **Start** 0953 **End** 1010

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

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —

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

Type of material dredged: Clay, mud

Weather conditions: B= 1030, [redacted] 10/.cc

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

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

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 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):** [redacted] NW 10-15 kt

AIR TEMP: 16.3 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 12.2 °C/°F Column (mid-depth) 12.2 °C/°F Bottom ____ °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	100%
n/a	Overflow screening:	None	25%	50%	75%	100%
n/a	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: clay & debris (*)

STARBOARD SCREEN CONTENTS: Clay & debris

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: (*) Port F/D Box, Grate pushed over ~5 inches because of clay

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

Observer's name: Cory Designer **Observer firm** Coastwise

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 Maintenance ✓ /New Work ____ PROJECT start date 12/17/04

PROJECT NAME: Sabine, Texas DREDGE NAME: Eagle One

DREDGE FIRM: Bean Stuyvesant

LOAD #: 20 LOAD start date: 12.19.04 Times (24hrs): Start 1104 End 1120

Condition of screening : Port good Starboard good Overflow —

Number of dragheads in use: 2 Type of dragheads used: — Size of dragheads: —

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

Type of material dredged: Clay & mud

Weather conditions: 10/.CC, sunny, B=1031

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

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

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45	
1 = 1- 3 knot/ 0.25 ft	(4) 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft		
2 = 4- 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): 18-20kt N

AIR TEMP: 18.3 (°C)/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 12.2 (°C)/°F Column (mid-depth) 12.2 (°C)/°F Bottom — °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
n/a	Overflow screening:	None	25%	50%	75%	100%
n/a	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: (*) Clay & debris

STARBOARD SCREEN CONTENTS: Clay & debris

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: (*) Port hull gate opened ≈ 5 inches — clay & debris — play in gate also

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

Observer's name: Cary Derringer Observer firm Coastwise

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 Maintenance ✓ /New Work _____ PROJECT start date 12/17/04

PROJECT NAME: Sabine, Texas DREDGE NAME: Eagle One

DREDGE FIRM: Bean Stuyvesant

LOAD #: 31 LOAD start date: 12-19-04 Times (24hrs): Start 12-24 End 1241

Condition of screening : Port good Starboard good Overflow —

Number of dragheads in use: 2 Type of dragheads used: — Size of dragheads: —

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

Type of material dredged: Clay & mud

Weather conditions: B=1030, 10/10 CC, Sunny

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

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

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

Waves: 1-2 ft Wind (speed & direction): N 1/4

AIR TEMP: 18.3 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 12.2 (°C)/°F Column (mid-depth) 12.2 (°C)/°F Bottom ___ °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
n/a	Overflow screening:	None	25%	50%	75%	100%
n/a	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Clay & Debris

STARBOARD SCREEN CONTENTS: Clay & Debris

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: Cory Dechner Observer firm Coastwise

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** _____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean Stuyvesant

LOAD #: 32 **LOAD start date:** 12.19.04 **Times (24hrs):** **Start** 1341 **End** 1358

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

Number of dragheads in use: 2 **Type of dragheads used:** _____ **Size of dragheads:** _____

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

Type of material dredged: clay

Weather conditions: mostly clear, few scattered 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: 1-2 ft **Wind (speed & direction):** 10-15 kt

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

WATER TEMP: **Surface** 12°C °C/°F **Column (mid-depth)** _____ °C/°F **Bottom** _____ °C/°F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	100%
n/a	**Overflow screening:**	None	25%	50%	75%	100%
n/a	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash clay

STARBOARD SCREEN CONTENTS: ↓ ↓

Estimate number entrained on this load for the following:

Sturgeon (any species) _____

Shark (any species) _____

Horseshoe crab _____

Blue crab _____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: **YES** _____ **NO** ✓

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

Comments: _____

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

Observer's name: T. Craig **Observer firm** Coastwise

Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 Maintenance ✓ /New Work _____ PROJECT start date 12/17/04

PROJECT NAME: Sabine, Texas DREDGE NAME: Eagle One

DREDGE FIRM: Bean Stuyvesant

LOAD #: 33 LOAD start date: 12/19/04 Times (24hrs): Start 1458 End 1514

Condition of screening : Port good Starboard good Overflow —

Number of dragheads in use: 2 Type of dragheads used: _____ Size of dragheads: _____

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

Type of material dredged: clay

Weather conditions: few scattered 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: 1-2 ft Wind (speed & direction): 10-15 kt

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

WATER TEMP: Surface 12°C °C / °F Column (mid-depth) _____ °C / °F Bottom _____ °C / °F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	100%
n/a	Overflow screening:	None	25%	50%	75%	100%
n/a	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species) _____

Shark (any species) _____

Horseshoe crab /

Blue crab _____

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

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

Comments: ✓

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

Observer's name: J Gray Observer firm Coastwise

Observer signature J Gray

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** _____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean-Stuyvesant

LOAD #: 34 **LOAD start date:** 12/19/04 **Times (24hrs):** **Start** 1614 **End** 1629

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

Number of dragheads in use: 2 **Type of dragheads used:** _____ **Size of dragheads:** _____

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

Type of material dredged: clay

Weather conditions: few scattered 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: 1-2 ft **Wind (speed & direction):** 10-15 kt

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

WATER TEMP: Surface 12°C °C/°F **Column (mid-depth)** _____ °C/°F **Bottom** _____ °C/°F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	100%
n/a	**Overflow screening:**	None	25%	50%	75%	100%
n/a	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: clay, trash

STARBOARD SCREEN CONTENTS: ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species) —

Shark (any species) —

Horseshoe crab —

Blue crab —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: **YES** _____ **NO** ✓

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

Comments: _____

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

Observer's name: J. Gray **Observer firm** Coastwise

Observer signature J. Gray

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY04C0022 Maintenance ✓ /New Work ____ PROJECT start date 12/17/04

PROJECT NAME: Sabine, Texas DREDGE NAME: Eagle One

DREDGE FIRM: Bean Shoveksent

LOAD #: 45 LOAD start date: 12/19/04 Times (24hrs): Start 1729 End 1750

Condition of screening : Port good Starboard good Overflow —

Number of dragheads in use: 2 Type of dragheads used: ____ Size of dragheads: ____

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

Type of material dredged: clay

Weather conditions: skies 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: 1-2 ft Wind (speed & direction): 15-20 kt

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

WATER TEMP: Surface 12°C °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	100%
n/a	Overflow screening:	None	25%	50%	75%	100%
n/a	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab /

Blue crab ____

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

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

Comments: ____

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

Observer's name: J. Craig Observer firm Coastwise

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean Stuyvesant

LOAD #: 36 **LOAD start date:** 12/19/04 **Times (24hrs):** **Start** 1859 **End** 1915

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

Number of dragheads in use: 2 **Type of dragheads used:** ____ **Size of dragheads:** ____

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

Type of material dredged: clay

Weather conditions: skies clear

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

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

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

Waves: 1-2' ft **Wind (speed & direction):** 15-20 kt

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

✓	**Inflow screening:**	None	25%	50%	75%	100%
n/a	**Overflow screening:**	None	25%	50%	75%	100%
n/a	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: clay, trash

STARBOARD SCREEN CONTENTS: ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab /

Blue crab ____

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

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

Comments: ____

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

Observer's name: T. Craig **Observer firm** Coastwise

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912111-04-C-0022 Maintenance ✓ /New Work ____ PROJECT start date 12/17/04

PROJECT NAME: Sabine, Texas DREDGE NAME: Eagle One

DREDGE FIRM: Bean Stuyvesant

LOAD #: 37 LOAD start date: 12/19/04 Times (24hrs): Start 2041 End 2029

Condition of screening : Port good Starboard good Overflow ✓

Number of dragheads in use: 2 Type of dragheads used: ____ Size of dragheads: ____

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

Type of material dredged: clay

Weather conditions: skies clear

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

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

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

Waves: 1-2' ft Wind (speed & direction): 10 15 kt

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

WATER TEMP: Surface 12°C °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	100%
n/a	Overflow screening:	None	25%	50%	75%	100%
n/a	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: clay, trash

STARBOARD SCREEN CONTENTS: ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: J. Craig Observer firm Coastwise

Observer signature J. Craig

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** _____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean Stuyvesant

LOAD #: 38 **LOAD start date:** 12/19/04 **Times (24hrs):** **Start** 2138 **End** 2154

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

Number of dragheads in use: 2 **Type of dragheads used:** _____ **Size of dragheads:** _____

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

Type of material dredged: clay

Weather conditions: skies clear

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

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

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

Waves: 0-1 ft **Wind (speed & direction):** S 10 kt

AIR TEMP: 53 °C/°F

WATER TEMP: **Surface** 12 °C °C/°F **Column (mid-depth)** _____ °C/°F **Bottom** _____ °C/°F

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

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	100%
n/a	**Overflow screening:**	None	25%	50%	75%	100%
n/a	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: /

Estimate number entrained on this load for the following:

Sturgeon (any species) _____

Shark (any species) _____

Horseshoe crab /

Blue crab _____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: **YES** _____ **NO** ✓

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

Comments: _____

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

Observer's name: T. Craig **Observer firm** Coastwise

Observer signature T. Craig

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912111-04 C 0022 **Maintenance** ✓ **/New Work** _____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean Stuyvesant

LOAD #: 39 **LOAD start date:** 12/19/04 **Times (24hrs):** **Start** 2250 **End** 2307

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

Number of dragheads in use: 2 **Type of dragheads used:** _____ **Size of dragheads:** _____

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

Type of material dredged: clay

Weather conditions: skies clear

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

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

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

Waves: 0-1' ft **Wind (speed & direction):** S 10 kt

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

WATER TEMP: **Surface** 12 °C/°F **Column (mid-depth)** _____ °C/°F **Bottom** _____ °C/°F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	100%
n/a	**Overflow screening:**	None	25%	50%	75%	100%
n/a	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: /

Estimate number entrained on this load for the following:

Sturgeon (any species) _____

Shark (any species) _____

Horseshoe crab /

Blue crab _____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: **YES** _____ **NO** ✓

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

Comments: _____

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

Observer's name: J. Craig **Observer firm** Coastwise

Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District
CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** _____ **PROJECT start date** 12/17/04
PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One
DREDGE FIRM: Bean-Stuyvesant
LOAD #: 40 **LOAD start date:** 12/20/04 **Times (24hrs):** **Start** 0014 **End** 0032

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

Number of dragheads in use: 2 **Type of dragheads used:** _____ **Size of dragheads:** _____
Draghead deflector? **YES** ✓ **NO** ___ **Condition of deflector:** good

Type of material dredged: clay

Weather conditions: Skies clear

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

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

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

Waves: 0-1 ft **Wind (speed & direction):** 5-10 kt

AIR TEMP: 51°F °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 12°C °C/°F **Column (mid-depth)** _____ °C/°F **Bottom** _____ °C/°F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	100%
n/a	**Overflow screening:**	None	25%	50%	75%	100%
n/a	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: ✓ ✓

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: **YES** _____ **NO** ✓

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

Comments: _____

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

Observer's name: J. Craig **Observer firm** Coastwise
Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean Stuyvesant

LOAD #: 41 **LOAD start date:** 12·20·04 **Times (24hrs): Start** 0130 **End** 0145

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

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —

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

Type of material dredged: clay & mud

Weather conditions: Ø % CC, B = 1027

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

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

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 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):** NNE 10-15 K

AIR TEMP: 12.2 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 15 °C/°F **Column (mid-depth)** 15 °C/°F **Bottom** — °C/°F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	100%
n/a	**Overflow screening:**	None	25%	50%	75%	100%
n/a	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Debris & clay

STARBOARD SCREEN CONTENTS: Debris & clay

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø

Shark (any species)

Horseshoe crab

Blue crab

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

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

Comments:

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

Observer's name: Cary Deringer **Observer firm** Coastwise

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean-Stuyvesant

LOAD #: 42 **LOAD start date:** 12.20.04 **Times (24hrs):** **Start** 0239 **End** 0255

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

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —

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

Type of material dredged: clay & mud

Weather conditions: Ø·1.CC, B=1027

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

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

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 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):** NNE 10-15K

AIR TEMP: 12 (°C) / °F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 15 (°C) / °F **Column (mid-depth)** 15 °C / °F **Bottom** — °C / °F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
n/a	Overflow screening:	None	25%	50%	75%	~~100%~~
n/a	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: TRASH & clay

STARBOARD SCREEN CONTENTS: ____

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 ✓

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

Comments: ____

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

Observer's name: Cory Desinges **Observer firm** Coastwise

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean Stuyvesant

LOAD #: 43 **LOAD start date:** 12-20-04 **Times (24hrs):** **Start** 0350 **End** 0410

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

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —

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

Type of material dredged: Clay & mud

Weather conditions: P/C, BC 1027

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

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

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	(4) = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 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):** NNE 10-15 K

AIR TEMP: 12.2 (°C)/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 15 (°C)/F **Column (mid-depth)** 15 (°C)/F **Bottom** — °C/F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
n/a	Overflow screening:	None	25%	50%	75%	~~100%~~
n/a	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Clay & debris

STARBOARD SCREEN CONTENTS: Clay & debris

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: Cory Dellinger **Observer firm** Coastwise

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean-Stuyvesant

LOAD #: 44 **LOAD start date:** 12.20.04 **Times (24hrs):** **Start** 0500 **End** 0515

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

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —

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

Type of material dredged: clay & mud

Weather conditions: 0-1.cc, B=1027

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

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

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 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):** NNE 10-15k

AIR TEMP: 12.2 (°C) / °F

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

WATER TEMP: **Surface** 15 (°C) / °F **Column (mid-depth)** 15 (°C) / °F **Bottom** — °C / °F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
n/a	Overflow screening:	None	25%	50%	75%	100%
n/a	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: (*) closed w/ clay during load — opened briefly to clear,

STARBOARD SCREEN CONTENTS: clay & debris

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** ✓

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

Comments: /

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

Observer's name: Cory Derringer **Observer firm** Coastwise

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** _____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean Stuyvesant

LOAD #: 45 **LOAD start date:** 12-20-04 **Times (24hrs):** **Start** 0210 **End** 0630

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

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —

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

Type of material dredged: clay, mud

Weather conditions: O·1·cc, B=1027

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

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

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 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):** NNE 10-15K

AIR TEMP: 12.2 (°C) °F

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

WATER TEMP: Surface 15 (°C) °F **Column (mid-depth)** 15 (°C) °F **Bottom** — °C °F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
n/a	Overflow screening:	None	25%	50%	75%	100%
n/a	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Clay & debris

STARBOARD SCREEN CONTENTS: FWD. Box 100 % Clay
Aft - Clay & debris

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: Cory Dengler **Observer firm** Coastwise

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** _____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean-Stuyvesant

LOAD #: 40 **LOAD start date:** 12-20-04 **Times (24hrs):** **Start** 0807 **End** 0822

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

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —

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

Type of material dredged: clay, mud

Weather conditions: 20/.CC, B=1026

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

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

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 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):** NNE 10k

AIR TEMP: 14.7 (°C) / °F

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

WATER TEMP: **Surface** 15 (°C) / °F **Column (mid-depth)** 15 (°C) / °F **Bottom** — °C / °F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
n/a	**Overflow screening:**	None	25%	50%	75%	100%
n/a	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Clear

STARBOARD SCREEN CONTENTS: Clear

Estimate number entrained on this load for the following:

Sturgeon (any species) —

Shark (any species) —

Horseshoe crab —

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: Cory Derleger **Observer firm** Coastwise

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean-Stuyvesant

LOAD #: 47 **LOAD start date:** 12·20·04 **Times (24hrs): Start** 0945 **End** 1008

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

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —

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

Type of material dredged: mud, some clay

Weather conditions: 10 %·CC, β = 1026

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

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

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

Waves: 1-2 **ft** **Wind (speed & direction):** 15 k Ely

AIR TEMP: 15 (°C)/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 15 (°C)/°F **Column (mid-depth)** 15 (°C)/°F **Bottom** — °C/°F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
n/a	**Overflow screening:**	None	25%	50%	75%	100%
n/a	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Clear

STARBOARD SCREEN CONTENTS: ↓

Estimate number entrained on this load for the following:

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

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

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

Comments: ____

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

Observer's name: Cary Derimeer **Observer firm** Coastwise

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean-Stuyvesant

LOAD #: 48 **LOAD start date:** 12:20:04 **Times (24hrs):** **Start** 1119 **End** 1156

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

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —

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

Type of material dredged: mud, some clay

Weather conditions: 10% cc, B=1025

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

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

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	(4 = 11-16 knot/ 4 ft)	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 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: 16.5 (°C) °F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 15 (°C) °F **Column (mid-depth)** 15 (°C) °F **Bottom** — °C / °F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
n/a	Overflow screening:	None	25%	50%	75%	100%
n/a	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Clear

STARBOARD SCREEN CONTENTS: ____

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab 0

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: Cary Deringer **Observer firm** Coastwise

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 Maintenance ✓ /New Work ____ PROJECT start date 12/17/04

PROJECT NAME: Sabine, Texas DREDGE NAME: Eagle One

LOAD #: 4/9 LOAD start date: 12-20-04 DREDGE FIRM: Bean-Stuyvesant

Times (24hrs): Start 1318 End 1617

Condition of screening : Port good Starboard good Overflow —

Number of dragheads in use: 2 Type of dragheads used: ____ Size of dragheads: ____

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

Type of material dredged: mud

Weather conditions: Sunny! B=1025, 10'/.cc

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

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

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	(4) = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 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: 15 °C / °F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 14 °C / °F Column (mid-depth) 14 °C / °F Bottom ____ °C / °F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
n/a	Overflow screening:	None	25%	50%	75%	100%
n/a	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, mud

STARBOARD SCREEN CONTENTS: ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ✓

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

Observer's name: ~~Gary Dearmon~~ J. Craig Observer firm Coastwise

Observer signature ~~[illegible]~~ [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District
CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12/17/04
PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One
DREDGE FIRM: Bean-Stuyvesant
LOAD #: 50 **LOAD start date:** 12/20/05 **Times (24hrs):** **Start** 1749 **End** 1853

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

Number of dragheads in use: 2 **Type of dragheads used:** ____ **Size of dragheads:** ____
Draghead deflector? **YES** ✓ **NO** ____ **Condition of deflector:** good

Type of material dredged: mud

Weather conditions: scattered 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: 1-3 ft **Wind (speed & direction):** 15-20 kt

AIR TEMP: 59°F °C / °F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: **Surface** 14°C °C / °F **Column (mid-depth)** ____ °C / °F **Bottom** ____ °C / °F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	100%
n/a	Overflow screening:	None	25%	50%	75%	100%
n/a	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, trash

STARBOARD SCREEN CONTENTS: ✓ ✓

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

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

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

Comments: ____

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

Observer's name: J. Cray **Observer firm** Coastwise
Observer signature J. Cray

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 Maintenance ✓ /New Work _____ PROJECT start date 12/17/04

PROJECT NAME: Sabine, Texas DREDGE NAME: Eagle One

DREDGE FIRM: Bean-Stuyvesant

LOAD #: 51 LOAD start date: 12/20/04 Times (24hrs): Start 2023 End 2129

Condition of screening : Port good Starboard good Overflow ✓

Number of dragheads in use: 2 Type of dragheads used: _____ Size of dragheads: _____

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

Type of material dredged: mud

Weather conditions: scattered 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: 1-3 ft Wind (speed & direction): 10-15 kt

AIR TEMP: 64 °F °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 59 °F °C/°F Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	100%
n/a	Overflow screening:	None	25%	50%	75%	100%
n/a	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud + trash

STARBOARD SCREEN CONTENTS: ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species) _____

Shark (any species) _____

Horseshoe crab _____

Blue crab _____

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

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

Comments: _____

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

Observer's name: J. Craig Observer firm Coastwise

Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** _____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine, Texas **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean-Stuyvesant

LOAD #: 52 **LOAD start date:** 12/20/04 **Times (24hrs):** **Start** 2255 **End** 0019

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

Number of dragheads in use: 2 **Type of dragheads used:** _____ **Size of dragheads:** _____

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

Type of material dredged: mud

Weather conditions: skies w/ clear scattered 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: 1-3 **ft** **Wind (speed & direction):** 10-15 kt

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

WATER TEMP: **Surface** 59°F **°C/°F** **Column (mid-depth)** _____ **°C/°F** **Bottom** _____ **°C/°F**

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	100%
n/a	**Overflow screening:**	None	25%	50%	75%	100%
n/a	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud + trash

STARBOARD SCREEN CONTENTS: ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species) _____

Shark (any species) _____

Horseshoe crab _____

Blue crab _____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: **YES** _____ **NO** ✓

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

Comments: _____

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

Observer's name: J. Craig **Observer firm** Coastwise

Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912H4-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12.17.04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 53 **LOAD start date:** 12.21.04 **Times (24hrs):** Start 0146 End 0347

Condition of screening : Port GOOD Starboard GOOD Overflow ——

Number of dragheads in use: 2 **Type of dragheads used:** —— **Size of dragheads:** ——

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

Type of material dredged: MUD, some clay

Weather conditions: 30% CC, B= 1017

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

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

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 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):** SE 15-20 k

AIR TEMP: 17.2 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 14.4 °C/°F **Column (mid-depth)** 14.4 °C/°F **Bottom** —— °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	100%
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Clay & Debris

STARBOARD SCREEN CONTENTS: Clay & Debris

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: STATIONS (as of Mon 12/20 afternoon) (*) [18+00 TO 30+00] (*)

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

Observer's name: Cary Deringer

Observer signature [signature]

Observer firm COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12-17

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 54 **LOAD start date:** 12-21-04 **Times (24hrs):** **Start** 0513 **End** 0638

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

Number of dragheads in use: 2 **Type of dragheads used:** —— **Size of dragheads:** ——

Draghead deflector? **YES** ✓ **NO** ____ **Condition of deflector:** Good

Type of material dredged: Mud, Clay

Weather conditions: B = 1018, 40% CC

Tidal stage (CIRCLE ONE): [redacted] Rising High Falling Low Unknown

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

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/15	
1 = 1- 3 knot/ 0.25 ft	(4) 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft		
2 = 4- 6 knot/ 0.5 ft	(5) 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft		

Waves: [redacted] 3-5 ft **Wind (speed & direction):** SE 15-20 kt.

AIR TEMP: 16.8 °C/°F

WATER TEMP: **Surface** 14.4 °C/°F **Column (mid-depth)** 14.4 °C/°F **Bottom** —— °C/°F

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

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: clay & debris

STARBOARD SCREEN CONTENTS: clay & debris

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: Cary Derringer

Observer signature [signature]

Observer firm Coastline Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912H4-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12.17.04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 55 **LOAD start date:** 12.21.04 **Times (24hrs):** **Start** 0815 **End** 0915

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

Number of dragheads in use: 2 **Type of dragheads used:** ____ **Size of dragheads:** ____

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

Type of material dredged: Clay & mud

Weather conditions: 90% cc, P = 1018

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

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

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	(4) = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 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):** SE 15 K

AIR TEMP: 18.2 (°C) / °F

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

WATER TEMP: **Surface** 14.4 (°C) / °F **Column (mid-depth)** 14.4 (°C) / °F **Bottom** ____ °C / °F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Debris & clay

STARBOARD SCREEN CONTENTS: Debris & clay

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

Observer's name: Cory Deringer

Observer signature [signature]

Observer firm COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT
CONTRACT #: W912H4-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12.17.04
PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I
DREDGE FIRM: BEAN-STUYVESANT
LOAD #: 56 **LOAD start date:** 12.21.04 **Times (24hrs): Start** ____ **End** ____

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

Number of dragheads in use: 2 **Type of dragheads used:** ____ **Size of dragheads:** ____
Draghead deflector? YES ✓ **NO** ____ **Condition of deflector:** GOOD

Type of material dredged: mud

Weather conditions: mostly 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: 2-4' ft **Wind (speed & direction):** 15-20

AIR TEMP: 65°F °C/°F
WATER TEMP: Surface 60°F °C/°F **Column (mid-depth)** ____ °C/°F **Bottom** ____ °C/°F
(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, trash

STARBOARD SCREEN CONTENTS: ✓ ✓

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

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

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

Comments: ____

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

Observer's name: J. Craig
Observer signature [signature]
Observer firm COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912H4-04-C-0022 **Maintenance** ✓ **/New Work** _____ **PROJECT start date** 12.17.04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 57 **LOAD start date:** 12/21/04 **Times (24hrs):** **Start** 1411 **End** 1613

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

Number of dragheads in use: 2 **Type of dragheads used:** ——— **Size of dragheads:** ———

Draghead deflector? **YES** ✓ **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: mud

Weather conditions: rainy w/lightening

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

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

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

Waves: 2-4 ft **Wind (speed & direction):** 15-20 kt

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

WATER TEMP: **Surface** 60°F °C/°F **Column (mid-depth)** _____ °C/°F **Bottom** _____ °C/°F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, trash

STARBOARD SCREEN CONTENTS: ↓ ↓

Estimate number entrained on this load for the following:

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: **YES** _____ **NO** ✓

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

Comments: Boxes checked from bridge w/binoculars due to close proximity of lightening strikes

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

Observer's name: J. Craig

Observer signature J. Craig

Observer firm COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT
CONTRACT #: W912H4-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12.17.04
PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I
DREDGE FIRM: BEAN-STUYVESANT
LOAD #: 58 **LOAD start date:** 12/21/04 **Times (24hrs):** **Start** ~~2006~~ 1732 **End** 2006

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

Number of dragheads in use: 2 **Type of dragheads used:** ____ **Size of dragheads:** ____
Draghead deflector? YES ✓ **NO** ____ **Condition of deflector:** GOOD

Type of material dredged: mud

Weather conditions: rainy, but skies progressively clearing

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

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

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 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):** 10-15 kt

AIR TEMP: 63 °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

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, trash

STARBOARD SCREEN CONTENTS: ✓ ✓

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

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

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

Comments: ✓

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

Observer's name: J. Craig
Observer signature [signature]
Observer firm COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912H4-04-C-0022 **Maintenance** ✓ **/New Work** _____ **PROJECT start date** 12.17.04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 59 **LOAD start date:** 12/21/04 **Times (24hrs):** **Start** 2118 **End** 2354

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

Number of dragheads in use: 2 **Type of dragheads used:** ——— **Size of dragheads:** ———

Draghead deflector? YES ✓ NO ___ **Condition of deflector:** GOOD

Type of material dredged: mud

Weather conditions: skies clearing

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

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

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

Waves: 1-3' ft **Wind (speed & direction):** 5-10 kt

AIR TEMP: 60 °F °C/°F

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

WATER TEMP: Surface 60 F °C/°F **Column (mid-depth)** _____ °C/°F **Bottom** _____ °C/°F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, trash

STARBOARD SCREEN CONTENTS: ✓

Estimate number entrained on this load for the following:

Sturgeon (any species) _____
Shark (any species) _____
Horseshoe crab ✓
Blue crab _____

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

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

Comments: _____

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

Observer's name: J. Craig

Observer signature _____

Observer firm COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT
CONTRACT #: W912H4-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12.17.04
PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I
DREDGE FIRM: BEAN-STUYVESANT
LOAD #: 60 **LOAD start date:** 12/22/04 **Times (24hrs):** **Start** 0105 **End** 0324

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

Number of dragheads in use: 2 **Type of dragheads used:** ____ **Size of dragheads:** ____
Draghead deflector? **YES** ✓ **NO** ____ **Condition of deflector:** GOOD

Type of material dredged: 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: 1-3 ft **Wind (speed & direction):** 5-10 KNOTS

AIR TEMP: 42 °C/(F)
WATER TEMP: Surface 60 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32)) **Column (mid-depth)** ____ °C/F **Bottom** ____ °C/F

SCREEN TYPE ✓

____	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD & TRASH

STARBOARD SCREEN CONTENTS: /

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

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

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

Comments: ____

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

Observer's name: TRAVIS TOBEY
Observer signature ____ **Observer firm** COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ /**New Work** ____ **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

LOAD #: 61 **LOAD start date:** 12/22/04 **DREDGE FIRM:** BEAN STUYVESANT

Times (24hrs): Start 0437 End 0655

Condition of screening : Port GOOD Starboard GOOD Overflow ____

Number of dragheads in use: 2 **Type of dragheads used:** ____ **Size of dragheads:** ____

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

Type of material dredged: MUD

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

Waves: 1-3 ft **Wind (speed & direction):** 5-10 knots

AIR TEMP: 63 °C (F)

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

Column (mid-depth) ____ °C / F **Bottom** ____ °C / F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD & TRASH

STARBOARD SCREEN CONTENTS: //

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 ✓

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

Comments: ____

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

Observer's name: TRAVIS TOBEY

Observer signature ____ **Observer firm** COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT
CONTRACT #: W912H4-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12-17-04
PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I
DREDGE FIRM: BEAN-STUYVESANT
LOAD #: 62 **LOAD start date:** 1/22/05 **Times (24hrs):** **Start** 0810 **End** 1136

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

Number of dragheads in use: 2 **Type of dragheads used:** ____ **Size of dragheads:** ____
Draghead deflector? YES ✓ **NO** ____ **Condition of deflector:** GOOD

Type of material dredged: MUD

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

Waves: 1-3 ft **Wind (speed & direction):** 5-10 KNOTS

AIR TEMP: 67 °C/F
WATER TEMP: Surface 60 °C/F **Column (mid-depth)** ____ °C/F **Bottom** ____ °C/F
(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, TRASH

STARBOARD SCREEN CONTENTS: /

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** ✓

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

Comments: /

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

Observer's name: TRAVIS TOBEY
Observer signature [signature] **Observer firm** COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT
CONTRACT #: W912H4-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12.17.04
PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I
DREDGE FIRM: BEAN-STUYVESANT
LOAD #: 63 **LOAD start date:** 12/22/04 **Times (24hrs):** **Start** 1254 **End** 1552

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

Number of dragheads in use: 2 **Type of dragheads used:** ____ **Size of dragheads:** ____
Draghead deflector? **YES** ✓ **NO** ____ **Condition of deflector:** GOOD

Type of material dredged: mud, clay

Weather conditions: scattered 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: 2-4' ft **Wind (speed & direction):** 25-35 kt

AIR TEMP: 49°F °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: **Surface** 60°F °C/°F **Column (mid-depth)** ____ °C/°F **Bottom** ____ °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, clay, trash

STARBOARD SCREEN CONTENTS: ✓ ✓ ✓

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

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

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

Comments: ____

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

Observer's name: J. Craig
Observer signature [signature]
Observer firm COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912H4-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12·17·04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 64 **LOAD start date:** 12/22/04 **Times (24hrs):** **Start** 1710 **End** 2034

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

Number of dragheads in use: 2 **Type of dragheads used:** ____ **Size of dragheads:** ____

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

Type of material dredged: mud/clay

Weather conditions: scattered 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: 2-4 ft **Wind (speed & direction):** 25-35 kt

AIR TEMP: 47°F °C / F

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

WATER TEMP: Surface 51°F °C / F **Column (mid-depth)** ____ °C / F **Bottom** ____ °C / F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, mud, clay

STARBOARD SCREEN CONTENTS: ✓ ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: J. Craig

Observer signature J. Craig

Observer firm COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston
CONTRACT #: W912HY-04-C-022 **Maintenance** X **/New Work** ____ **PROJECT start date** 12/17/04
PROJECT NAME: Sabine Pass **DREDGE NAME:** Eagle One
DREDGE FIRM: Bean

LOAD #: 65 **LOAD start date:** 12/22/04 **Times (24hrs):** **Start** 2145 **End** 0128

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

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —
Draghead deflector? YES X NO ___ **Condition of deflector:** ____

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: 1-3 ft **Wind (speed & direction):** NW 10 knots

AIR TEMP: 41 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 58 °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: mud, clay, detritus, jetsom

STARBOARD SCREEN CONTENTS: mud, clay, detritus, jetsom

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: Travis Tobey **Observer firm** Coastwise
Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912H4-04-C-0022 **Maintenance** ✓ **/New Work** _____ **PROJECT start date** 12.17.04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 16 **LOAD start date:** 1/23/04 **Times (24hrs): Start** 0304 **End** 0654

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

Number of dragheads in use: 2 **Type of dragheads used:** ——— **Size of dragheads:** ———

Draghead deflector? YES ✓ **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: CLOUDY & WINDY

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

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

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

Waves: 1-3 ft **Wind (speed & direction):** 5-10 KNOTS

AIR TEMP: 38 °C/(F)

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

Column (mid-depth) _____ °C/F **Bottom** _____ °C/F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD + TRASH

STARBOARD SCREEN CONTENTS: /

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: TRAVIS TOBEY

Observer signature _____

Observer firm COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912H4-04-C-0022 **Maintenance** ✓ **/New Work** _____ **PROJECT start date** 12.17.04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 67 **LOAD start date:** 12/23 **Times (24hrs):** Start 0802 End 0913

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

Number of dragheads in use: 2 **Type of dragheads used:** ——— **Size of dragheads:** ———

Draghead deflector? YES ✓ NO ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

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: 1-3 ft **Wind (speed & direction):** 5 - 10

AIR TEMP: 40 °C/(F)

WATER TEMP: Surface 58 °C/(F) **Column (mid-depth)** _____ °C/F **Bottom** _____ °C/F

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

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD & TRASH

STARBOARD SCREEN CONTENTS: /

Estimate number entrained on this load for the following:

Sturgeon (any species) /

Shark (any species) /

Horseshoe crab /

Blue crab /

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

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

Comments: /

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

Observer's name: TRAVIS TOBEY

Observer signature _____

Observer firm COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT
CONTRACT #: W912H4-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12.17.04
PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I
DREDGE FIRM: BEAN-STUYVESANT
LOAD #: 68 **LOAD start date:** 12/23/04 **Times (24hrs): Start** ____ **End** ____

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

Number of dragheads in use: 2 **Type of dragheads used:** ____ **Size of dragheads:** ____
Draghead deflector? YES ✓ **NO** ____ **Condition of deflector:** GOOD

Type of material dredged: mud / clay

Weather conditions: scattered 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: 1-3' **ft** **Wind (speed & direction):** 20-25 kt

AIR TEMP: 42°F °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 59°F °C/°F **Column (mid-depth)** ____ °C/°F **Bottom** ____ °C/°F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash mud

STARBOARD SCREEN CONTENTS: ✓ ✓

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

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

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

Comments: ____

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

Observer's name: T. Gaus
Observer signature [signature]
Observer firm COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912H4-04-C-0022 **Maintenance** ✓ **/New Work** _____ **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 69 **LOAD start date:** 12/23/04 **Times (24hrs): Start** _____ **End** _____

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

Number of dragheads in use: 2 **Type of dragheads used:** _____ **Size of dragheads:** _____

Draghead deflector? YES ✓ **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: mud / clay

Weather conditions: scattered 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: 1-3 ft **Wind (speed & direction):** _____

AIR TEMP: 43°F °C / °F

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

WATER TEMP: Surface 59°F °C / °F **Column (mid-depth)** _____ °C / °F **Bottom** _____ °C / °F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	**100%**
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud / clay

STARBOARD SCREEN CONTENTS: ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species) _____

Shark (any species) _____

Horseshoe crab /

Blue crab _____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES _____ **NO** ✓

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

Comments: _____

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

Observer's name: J. Craig

Observer signature _____

Observer firm COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912H4-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12.17.04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 70 **LOAD start date:** 12/23/04 **Times (24hrs): Start** 1428 **End** 1553

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

Number of dragheads in use: 2 **Type of dragheads used:** ____ **Size of dragheads:** ____

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

Type of material dredged: mud/clay

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: 1-3 **ft** **Wind (speed & direction):** ____

AIR TEMP: 40°F °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 59°F °C/°F **Column (mid-depth)** ____ °C/°F **Bottom** ____ °C/°F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, trash

STARBOARD SCREEN CONTENTS: ↓ ↓

Estimate number entrained on this load for the following:

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

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

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

Comments: ____

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

Observer's name: J. Crane

Observer signature [signature]

Observer firm COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912H4-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12.17.04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 71 **LOAD start date:** 12/23/04 **Times (24hrs): Start** 1653 **End** 1933

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

Number of dragheads in use: 2 **Type of dragheads used:** ____ **Size of dragheads:** ____

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

Type of material dredged: mud, clay

Weather conditions: mostly 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: 1-3 ft **Wind (speed & direction):** 25-35 kt

AIR TEMP: 40°F °C/°F

WATER TEMP: Surface 58°F °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32)) **Column (mid-depth)** ____ °C/°F **Bottom** ____ °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, trash

STARBOARD SCREEN CONTENTS: ↓ ↓

Estimate number entrained on this load for the following:

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

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

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

Comments: ____

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

Observer's name: T. Craig

Observer signature ____

Observer firm COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912H4-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12.17.04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 72 **LOAD start date:** 12/23/04 **Times (24hrs):** **Start** 2025 **End** 2304

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

Number of dragheads in use: 2 **Type of dragheads used:** ____ **Size of dragheads:** ____

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

Type of material dredged: mud, clay

Weather conditions: mostly 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: 1-3 ft **Wind (speed & direction):** 25-35 kt

AIR TEMP: 39°F °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: **Surface** 58°F °C/°F **Column (mid-depth)** ____ °C/°F **Bottom** ____ °C/°F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, trash

STARBOARD SCREEN CONTENTS: ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

Observer's name: J. Craig

Observer signature ____

Observer firm COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912H4-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12.17.04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 73 **LOAD start date:** 12/23/04 **Times (24hrs):** **Start** 0356 **End** 0640

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

Number of dragheads in use: 2 **Type of dragheads used:** ____ **Size of dragheads:** ____

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

Type of material dredged: MUD & CLAY

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: 1-3 ft **Wind (speed & direction):** 5-10 KNOTS

AIR TEMP: 34 °C/(F)

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

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

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, CLAY, & TRASH

STARBOARD SCREEN CONTENTS: /

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

/

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

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

Comments: ✓

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

Observer's name: TRAVIS TOBEY

Observer signature ____

Observer firm COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

LOAD #: 24 **LOAD start date:** 12/24/04 **DREDGE FIRM:** RYAN-STUYVESANT

Times (24hrs): Start 0001 End 0256

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

Number of dragheads in use: 2 **Type of dragheads used:** ——— **Size of dragheads:** ———

Draghead deflector? YES ✓ NO ___ **Condition of deflector:** Good

Type of material dredged: MUD

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

Waves: 1-3 ft **Wind (speed & direction):** 5-10 KNOTS

AIR TEMP: 34 °C/(F)

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

Column (mid-depth) °C/F **Bottom** °C/F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD + TRASH

STARBOARD SCREEN CONTENTS:

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: TRAVIS DOBEY

Observer signature

Observer firm CONTINUUM CONSULTING, INC

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE 1

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 75 **LOAD start date:** 12/24/04 **Times (24hrs): Start** 0732 **End** 1003

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

Number of dragheads in use: 2 **Type of dragheads used:** ____ **Size of dragheads:** ____

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

Type of material dredged: MUD

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/15
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 4-5 ft **Wind (speed & direction):** 10-15 KNOTS

AIR TEMP: 32 °C/(F)

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

WATER TEMP: Surface 52 °C/(F) **Column (mid-depth)** ____ °C/F **Bottom** ____ °C/F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD + TRASH

STARBOARD SCREEN CONTENTS: /

Estimate number entrained on this load for the following:

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

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

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

Comments: /

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

Observer's name: TRAVIS TIBEY **Observer firm** COASTWISE CONSULTING, INC.

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: PTAN-STUYVESANT

LOAD #: 716 **LOAD start date:** 12/24/04 **Times (24hrs):** **Start** 1102 **End** 1405

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

Number of dragheads in use: 2 **Type of dragheads used:** —— **Size of dragheads:** ——

Draghead deflector? **YES** ✓ **NO** ____ **Condition of deflector:** Good

Type of material dredged: mud, sand

Weather conditions: overcast

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

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

0 – <1 knot/ 0 ft	3 – 7-10 knot/ 2 ft	6 – 22-27 knot/10 ft	9 – 41-47 knot/23 ft	12	63 knot/45
1 – 3 knot/ 0.25 ft	4 – 11-16 knot/ 4 ft	7 – 28-33 knot/11 ft	10 – 48-55 knot/29 ft		
2 – 4- 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: 32°F °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

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

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, trash

STARBOARD SCREEN CONTENTS: X ✓

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: J. Gray **Observer firm** Continuse Consulting, Inc.

Observer signature J. Gray

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 77 **LOAD start date** 12/24/04 **Times (24hrs): Start** ____ **End** ____

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

Number of dragheads in use: 2 **Type of dragheads used:** ____ **Size of dragheads:** ____

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

Type of material dredged: mud, clay

Weather conditions: overcast

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

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

0 = <1 knot/ 0 ft
1 = 1- 3 knot/ 0.25 ft
2 = 4- 6 knot/ 0.5 ft
3 = 7-10 knot/ 2 ft
4 = 11-16 knot/ 4 ft
5 = 17-21 knot/ 6 ft
6 = 22-27 knot/10 ft
7 = 28-33 knot/14 ft
8 = 34-40 knot/18 ft
9 = 41-47 knot/23 ft
10 = 48-55 knot/29 ft
11 = 56-63 knot/37 ft
12 = >63 knot/15

Waves: 1-3 **ft** **Wind (speed & direction):** 15 20kt

AIR TEMP: 33°F °C/°F

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

WATER TEMP: Surface 51°F °C/°F **Column (mid-depth)** ____ °C/°F **Bottom** ____ °C/°F

SCREEN TYPE

✓ **Inflow screening:** None 25% 50% 75% (100%)
N/A **Overflow screening:** None 25% 50% 75% 100%
N/A **Other screening:** None 25% 50% 75% 100%

PORT SCREEN CONTENTS: mud, trash

STARBOARD SCREEN CONTENTS.

Estimate number entrained on this load for the following:

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

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

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

Comments: ____

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

Observer's name: J. Craig

Observer signature ____

Observer firm COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: PEAN STUYVESANT

LOAD #: 18 **LOAD start date:** 12/24/04 **Times (24hrs):** **Start** 1830 **End** 2037

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

Number of dragheads in use: 2 **Type of dragheads used:** ——— **Size of dragheads:** ———

Draghead deflector? YES ✓ **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud, clay

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/13 ft 10 = 48-55 knot/29 ft
2 = 4- 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):** 15-20 kt

AIR TEMP: 30°F °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 51°F °C/°F **Column (mid depth)** °C/°F **Bottom** °C/°F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, trash

STARBOARD SCREEN CONTENTS: ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species) ———

Shark (any species) ———

Horseshoe crab ———

Blue crab ———

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

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

Comments: ———

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

Observer's name: J. Craig **Observer firm** CONTOUSE CONSULTING, INC.

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 79 **LOAD start date:** 12/24/04 **Times (24hrs): Start** 2142 **End** 0046

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

Number of dragheads in use: 2 **Type of dragheads used:** ____ **Size of dragheads:** ____

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

Type of material dredged: clay, mud

Weather conditions: cloudy, light snow

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

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

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

Waves: 1-2 ft **Wind (speed & direction):** 5-10 KNOTS

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

WATER TEMP: Surface 51 °C/F **Column (mid-depth)** ____ °C/F **Bottom** ____ °C/F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

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** ✓

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

Comments: N/A

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

Observer's name: Tu Tran

Observer signature ____ **Observer firm** CONTINUE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN STUYVESANT

LOAD #: 80 **LOAD start date:** 12/25/04 **Times (24hrs):** **Start** 0041 **End** 0426

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

Number of dragheads in use: 2 **Type of dragheads used:** —— **Size of dragheads:** ——

Draghead deflector? **YES** ✓ **NO** ____ **Condition of deflector:** Good

Type of material dredged: clay, mud

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
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/11 ft
8 – 34-40 knot/18 ft
9 – 41-47 knot/23 ft
10 – 48-55 knot/29 ft
11 – 56-63 knot/37 ft
12 – 63 knot/45

Waves: 1-2 ft **Wind (speed & direction):** 5-10 knots NW

AIR TEMP: 35 °C/F

WATER TEMP: Surface 52 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32)) **Column (mid depth)** °C/F **Bottom** °C/F

SCREEN TYPE ✓

____	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, rope, netting, plastic, clay

STARBOARD SCREEN CONTENTS: trash, clay

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: N/A

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

Observer's name: Ty Tran

Observer signature

Observer firm Continuse Consulting, Inc

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 81 **LOAD start date:** 12/25 **Times (24hrs): Start** 0426 **End** 0853

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

Number of dragheads in use: 2 **Type of dragheads used:** ____ **Size of dragheads:** ____

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

Type of material dredged: clay, mud

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: 1-2 ft **Wind (speed & direction):** S-10 N

AIR TEMP: 40 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 51 °C/°F **Column (mid-depth)** ____ °C/°F **Bottom** ____ °C/°F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

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: N/A

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

Observer's name: Tu Tran

Observer signature ____ **Observer firm** COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT
CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04
PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I
DREDGE FIRM: BEAN-STUYVESANT
LOAD #: 82 **LOAD start date:** 12/25 **Times (24hrs):** **Start** 0633 **End** 0956

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

Number of dragheads in use: 2 **Type of dragheads used:** ---- **Size of dragheads:** ----
Draghead deflector? YES ✓ **NO** **Condition of deflector:** Good

Type of material dredged: clay, mud

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/15	
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft		
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft		

Waves: 0-1 ft **Wind (speed & direction):** S-SW

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

SCREEN TYPE ✓

N/A	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

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: N/A

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

Observer's name: Tu Tran
Observer signature [signature] **Observer firm** Continuse Consulting, Inc

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HQ-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 83 **LOAD start date:** 12/25/04 **Times (24hrs):** **Start** 1059 **End** 1349

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

Number of dragheads in use: 2 **Type of dragheads used:** ____ **Size of dragheads:** ____

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

Type of material dredged: mud, clay

Weather conditions: clear skies

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

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

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

Waves: 0-1 ft **Wind (speed & direction):** N 5 knots

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

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

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: clay, trash

STARBOARD SCREEN CONTENTS: ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab /

Blue crab ____

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

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

Comments: ____

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

Observer's name: J. Craig

Observer signature J. Craig

Observer firm COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 84 LOAD start date: 12/25/04 Times (24hrs): Start 1430 End 1707

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

Number of dragheads in use: 2 Type of dragheads used: —— Size of dragheads: ——

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

Type of material dredged: mud / clay

Weather conditions: clear skies, calm

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

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

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

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

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

WATER TEMP: Surface 51°F °C/°F Column (mid depth) °C/°F Bottom °C/°F

SCREEN TYPE ✓

✓	Inflow screening:	None	25%	50%	75%	(100%)
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, clay, trash

STARBOARD SCREEN CONTENTS: ✓ ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species)

Shark (any species)

Horseshoe crab

Blue crab

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

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

Comments:

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

Observer's name: J. Craig

Observer signature

Observer firm CONTINUE CONSULTING, INC

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN STUYVESANT

LOAD #: 85 **LOAD start date:** 12/25/04 **Times (24hrs):** **Start** 1853 **End** 2105

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

Number of dragheads in use: 2 **Type of dragheads used:** ——— **Size of dragheads:** ———

Draghead deflector? **YES** ✓ **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud, trash

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

Waves: 0 ft **Wind (speed & direction):**

AIR TEMP: 57°F °C/°F

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

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

SCREEN TYPE ✓

	Inflow screening:	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, trash

STARBOARD SCREEN CONTENTS: ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species) ———
Shark (any species) ———
Horseshoe crab ———
Blue crab ✓

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

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

Comments: ———

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

Observer's name: J. Craig

Observer signature [signature]

Observer firm CONTINUE CONSULTING, INC

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912H4-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE I

DREDGE FIRM: BEAN STUYVESANT

LOAD #: 86 LOAD start date: 12/25 Times (24hrs): Start 0000 End 0048

Condition of screening : Port GOOD Starboard GOOD Overflow ——

Number of dragheads in use: 2 Type of dragheads used: —— Size of dragheads: ——

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

Type of material dredged: clay, 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: 0-1 ft Wind (speed & direction): SE 5 knots

AIR TEMP: 45 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 51 °C/°F Column (mid depth) °C/°F Bottom °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	100%
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

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: N/A

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

Observer's name: Tu Tran

Observer signature [signature]

Observer firm COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE 1

DREDGE FIRM: VAN STUYVESANT

LOAD #: 87 **LOAD start date:** 12/26 **Times (24hrs):** **Start** 0116 **End** 0400

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

Number of dragheads in use: 2 **Type of dragheads used:** ——— **Size of dragheads:** ———

Draghead deflector? **YES** ✓ **NO** ___ **Condition of deflector:** Good

Type of material dredged: clay, 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: 0-1 ft **Wind (speed & direction):** SE 5 kt

AIR TEMP: 47 °C/F

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

SCREEN TYPE ✓

	Inflow screening:	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

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** ✓

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

Comments: N/A

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

Observer's name: Tu Tqun

Observer signature

Observer firm CONTINUE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 88 LOAD start date: 12/26/04 Times (24hrs): Start 0452 End 0610

Condition of screening : Port GOOD Starboard GOOD Overflow ——

Number of dragheads in use: 2 Type of dragheads used: —— Size of dragheads: ——

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

Type of material dredged: clay, 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: 0-1 ft Wind (speed & direction): SE 5

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

WATER TEMP: Surface 51 °C/F Column (mid-depth) °C/F Bottom °C/F

SCREEN TYPE	✓	Inflow screening:	None	25%	50%	75%	(100%)
	N/A	Overflow screening:	None	25%	50%	75%	100%
	N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

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 ✓

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

Comments: N/A

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

Observer's name: Ty Tran

Observer signature [signature]

Observer firm CONSTANCE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT
CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04
PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I
DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 89 **LOAD start date:** 12/20/04 **Times (24hrs):** **Start** 0636 **End** 0726

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

Number of dragheads in use: 2 **Type of dragheads used:** ——— **Size of dragheads:** ———
Draghead deflector? YES ✓ **NO** ___ **Condition of deflector:** Good

Type of material dredged: clay + 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):**

AIR TEMP: 53 °C/(F)
WATER TEMP: Surface 51 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
Column (mid depth) °C/F **Bottom** °C/F

SCREEN TYPE ✓

___	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: fresh clay

STARBOARD SCREEN CONTENTS: fresh, clay

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: N/A

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

Observer's name: Tu Tran
Observer signature [signature] **Observer firm** COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE I

DREDGE FIRM: BEAN STUYVESANT

LOAD #: 90 LOAD start date: 12/26 Times (24hrs): Start 0831 End 0906

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

Number of dragheads in use: 2 Type of dragheads used: ——— Size of dragheads: ———

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

Type of material dredged: clay + 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- 3 knot/ 0.25 ft	4 - 11-16 knot/ 4 ft	7 28-33 knot/14 ft	10 48-55 knot/29 ft		
2- 6 knot/ 0.5 ft	5 17-21 knot/ 6 ft	8 34-40 knot/18 ft	11 56-63 knot/37 ft		

Waves: 0-1 ft Wind (speed & direction): SE 5

AIR TEMP: 52 °C/F

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

Column (mid-depth) °C/F Bottom °C/F

SCREEN TYPE ✓

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

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

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: N/A

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

Observer's name: Tu Tran

Observer signature T-T

Observer firm CONSTRUCTIVE CONSULTING, INC

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT
CONTRACT #: W912HA-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04
PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I
DREDGE FIRM: BEAN STUYVESANT

LOAD #: 91 **LOAD start date:** 12/26 **Times (24hrs):** **Start** 1014 **End** 1051

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

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —
Draghead deflector? **YES** ✓ **NO** **Condition of deflector:** GOOD

Type of material dredged: clay, 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: 0-1 **ft** **Wind (speed & direction):** SE 5

AIR TEMP: 51 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: **Surface** 51 °C/°F **Column (mid depth)** °C/°F **Bottom** °C/°F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

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: N/A

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

Observer's name: Ty Tran
Observer signature [signature] **Observer firm** COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE 1

DREDGE FIRM: BEAN STUYVESANT

LOAD #: 92 LOAD start date: 12/26/04 Times (24hrs): Start 1149 End 1229

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

Number of dragheads in use: 2 Type of dragheads used: ——— Size of dragheads: ———

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

Type of material dredged: mud, clay

Weather conditions: clear & calm

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

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

0 = <1 knot/ 0 ft; 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; 8 = 31-40 knot/18 ft; 6 = 22-27 knot/10 ft; 7 = 28-33 knot/14 ft; 9 = 41-47 knot/23 ft; 10 = 48-55 knot/29 ft; 11 = 56-63 knot/37 ft; 12 = 63 knot/45

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

AIR TEMP: 62°F °C/F

WATER TEMP: Surface 50°F °C/F (F = 9/5 (°C) + 32; °C = 5/9 (°F - 32)) Column (mid depth) °C/F Bottom °C/F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, clay, fresh

STARBOARD SCREEN CONTENTS: ✓ ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species)

Shark (any species) /

Horseshoe crab

Blue crab

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

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

Comments:

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

Observer's name: J. Craig

Observer signature

Observer firm COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT
CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04
PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I
DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 93 **LOAD start date:** 12/26/04 **Times (24hrs):** **Start** 1411 **End** 1646

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

Number of dragheads in use: 2 **Type of dragheads used:** ——— **Size of dragheads:** ———
Draghead deflector? **YES** ✓ **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: mud + clay

Weather conditions: clear + calm

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

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

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

Waves: 0' ft **Wind (speed & direction):** 0-5 kt

AIR TEMP: 64°F °C/F
WATER TEMP: Surface 50°F °C/F (C = 9/5 (°C) + 32; °C = 5/9 (°F - 32)) **Column (mid depth)** °C/F **Bottom** °C/F

SCREEN TYPE ✓

	Inflow screening:	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, clay, trash

STARBOARD SCREEN CONTENTS: ✓ ✓ ✓

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

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

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

Comments:

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

Observer's name: J. Craig
Observer signature
Observer firm CONTOURSE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12 17 04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE 1

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 94 **LOAD start date:** 12/26/04 **Times (24hrs):** **Start** 1739 **End** 2015

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

Number of dragheads in use: 2 **Type of dragheads used:** —— **Size of dragheads:** ——

Draghead deflector? YES ✓ **NO** —— **Condition of deflector:** Good

Type of material dredged: mud + clay

Weather conditions: clear + calm

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

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

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

Waves: 0' ft **Wind (speed & direction):**

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

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

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, trash, clay

STARBOARD SCREEN CONTENTS: ✓ ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species) ——

Shark (any species) ——

Horseshoe crab /

Blue crab ——

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES —— **NO** ✓

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

Comments: ——

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

Observer's name: J. Craig

Observer signature [signature]

Observer firm CONSTRUCTION CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

LOAD #: 95 **LOAD start date:** 12/26/04 **Times (24hrs):** **Start** 2105 **End** 2212 **DREDGE FIRM:** BEAN-STUYVESANT

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

Number of dragheads in use: 2 **Type of dragheads used:** ——— **Size of dragheads:** ———

Draghead deflector? **YES** ✓ **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: mud + clay

Weather conditions: clear + calm

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

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

0 = <1 knot/0 ft	3 = 7-10 knot/2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/15
1 = 1-3 knot/0.25 ft	4 = 11-16 knot/4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4-6 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):**

AIR TEMP: 48°F °C/F

WATER TEMP: Surface 49°F °C/F (C = 5/9 (F - 32); F = 9/5 (C) + 32) **Column (mid-depth)** °C/F **Bottom** °C/F

SCREEN TYPE ✓

	Inflow screening:	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, clay, trash

STARBOARD SCREEN CONTENTS: ✓ ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species)

Shark (any species)

Horseshoe crab ✓

Blue crab

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

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

Comments:

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

Observer's name: J. Craig

Observer signature

Observer firm CONTINUUM CONSULTING, INC

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT
CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04
PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE 1
DREDGE FIRM: BEAN STUYVESANT

LOAD #: 96 **LOAD start date:** 12/26 **Times (24hrs):** **Start** 22:20 **End** 00:02

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

Number of dragheads in use: 2 **Type of dragheads used:** —— **Size of dragheads:** ——
Draghead deflector? YES ✓ **NO** **Condition of deflector:** Good

Type of material dredged: clay, 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: 0-1 ft **Wind (speed & direction):** E 5-10

AIR TEMP: 49 °C/(F)
WATER TEMP: Surface 50 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
Column (mid depth) °C/F **Bottom** °C/F

SCREEN TYPE ✓

	Inflow screening:	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening :**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES —— **NO** ✓

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

Comments: N/A

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

Observer's name: Tu Tran
Observer signature Tu Tran **Observer firm** Constitute Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 97 LOAD start date: 12/27 Times (24hrs): Start 0116 End 0228

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

Number of dragheads in use: 2 Type of dragheads used: ——— Size of dragheads: ———

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

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

Waves: <1 ft Wind (speed & direction): E

AIR TEMP: 51 °C/F

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

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

SCREEN TYPE ✓

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

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

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: N/A

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

Observer's name:

Observer signature

Observer firm CONSTRUCTECH CONSULTING, INC

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE I

DREDGE FIRM: BEAN STUYVESANT

LOAD #: 98 LOAD start date: 12/27 Times (24hrs): Start 0339 End 0504 50

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

Number of dragheads in use: 2 Type of dragheads used: ——— Size of dragheads: ———

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

Type of material dredged: clay + 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: 0-1 ft Wind (speed & direction): E 5 mph

AIR TEMP: 51 °C (F)

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

Column (mid depth) °C / F Bottom °C / F

SCREEN TYPE ✓

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

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

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: N/A

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

Observer's name: Tu Tran

Observer signature [signature] Observer firm CONTINUSE CONSULTING, INC

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HA-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 99 LOAD start date: 12/27 Times (24hrs): Start 05:59 End 07:12

Condition of screening : Port GOOD Starboard GOOD Overflow ——

Number of dragheads in use: 2 Type of dragheads used: —— Size of dragheads: ——

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

Type of material dredged: clay, 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: 0-1 ft Wind (speed & direction): E 5-10

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

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

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

Estimate number entrained on this load for the following:

Sturgeon (any species)

Shark (any species)

Horseshoe crab

Blue crab

CK

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

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

Comments: N/A

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

Observer's name: Ty Tran

Observer signature [signature]

Observer firm COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE I

DREDGE FIRM: BEAN STUYVESANT

LOAD #: 102 LOAD start date: 12/27 Times (24hrs): Start 08:37 End 09:20

Condition of screening : Port Good Starboard Good Overflow ——

Number of dragheads in use: 2 Type of dragheads used: —— Size of dragheads: ——

Draghead deflector? YES ✓ NO —— Condition of deflector: Good

Type of material dredged: clay, med

Weather conditions: clear

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

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

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

Waves: 0-1 ft Wind (speed & direction): SE 5 mph

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

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

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

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: N/A

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

Observer's name: Tu Tran

Observer signature Tu Tran Observer firm Continuse Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM
LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT
CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work**
PROJECT NAME: SABINE PASS, TEXAS **PROJECT start date** 12-1

LOAD #: 101 **LOAD start date:** 12/27 **DREDGE NAME:** EAGLE 1
DREDGE FIRM: BEAN-STUYVESA
Times (24hrs): Start 1106 End 1208

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

Number of dragheads in use: 2 **Type of dragheads used:** ——— **Size of dragheads:** ———
Draghead deflector? YES ✓ NO ___ **Condition of deflector:** GOOD

Type of material dredged: mud, clay

Weather conditions: clear + calm

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

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

0 – <1 knot/ 0 ft	3 – 7-10 knot/ 2 ft	6 22-27 knot/10 ft	9 41-47 knot/23 ft		
1 – 1- 3 knot/ 0.25 ft	4 – 11-16 knot/ 4 ft	7 28-33 knot/14 ft	10 48-55 knot/29 ft	12	63 knot/45
2 – 4- 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: 56 °F °C/F
WATER TEMP: Surface 57 °F °C/F (C = 5/9 (F – 32); F = 9/5 (C) + 32) Column (mid depth) °C/F Bottom °C/F

SCREEN TYPE ✓

Inflow screening: None 25% 50% 75% 100%
n/a **Overflow screening:** None 25% 50% 75% 100%
N/A **Other screening:** None 25% 50% 75% 100%

PORT SCREEN CONTENTS: clay, trash, mud

STARBOARD SCREEN CONTENTS:

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

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

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

Comments:

Number observers used/24hrs: 2

Observer's name: J. Craig
Observer signature

% Monitoring/24 hrs: None 25% 50% 75% 100%

Observer firm CONTINUE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 102 LOAD start date: 12/27 Times (24hrs): Start 1325 End 1627

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

Number of dragheads in use: 2 Type of dragheads used: —— Size of dragheads: ——

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

Type of material dredged: mud, clay

Weather conditions: clear + calm

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

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

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/15	
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft		
2 = 4- 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: 62°F °C/F (F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 54°F °C/F Column (mid depth) °C/F Bottom °C/F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, clay, trash

STARBOARD SCREEN CONTENTS: ✓ ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species)

Shark (any species)

Horseshoe crab

Blue crab /

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

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

Comments:

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

Observer's name: J. Craig

Observer signature J. A. Craig

Observer firm COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 103 LOAD start date: 12/27 Times (24hrs): Start 1716 End 1931

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

Number of dragheads in use: 2 Type of dragheads used: ——— Size of dragheads: ———

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

Type of material dredged: mud, clay

Weather conditions: clear + calm

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

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

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

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

AIR TEMP: 54°F °C/°F

WATER TEMP: Surface 52°F °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32)) Column (mid depth) °C/°F Bottom °C/°F

SCREEN TYPE ✓

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

PORT SCREEN CONTENTS: mud, clay, trash

STARBOARD SCREEN CONTENTS: ✓ ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species)

Shark (any species)

Horseshoe crab

Blue crab ✓

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

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

Comments:

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

Observer's name: J. Craig

Observer signature

Observer firm Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 104 **LOAD start date:** 12/27 **Times (24hrs):** **Start** 2016 **End** 2220

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

Number of dragheads in use: 2 **Type of dragheads used:** —— **Size of dragheads:** ——

Draghead deflector? **YES** ✓ **NO** ____ **Condition of deflector:** Good

Type of material dredged: mud, clay

Weather conditions: clear + calm

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

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

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/15	
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft		
2 = 4- 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: 54°F °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 54°F °C/F **Column (mid depth)** °C/F **Bottom** °C/F

SCREEN TYPE ✓

____	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, clay, trash

STARBOARD SCREEN CONTENTS: ✓ ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab /

Blue crab ____

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

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

Comments: ____

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

Observer's name: J. Craig

Observer signature ____

Observer firm Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HY-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 105 LOAD start date: Times (24hrs): Start End

Condition of screening : Port GOOD Starboard GOOD Overflow ——

Number of dragheads in use: 2 Type of dragheads used: —— Size of dragheads: ——

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

Type of material dredged:

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
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: ____ °C/°F

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

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

SCREEN TYPE ✓

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

PORT SCREEN CONTENTS:

STARBOARD SCREEN CONTENTS:

Estimate number entrained on this load for the following:

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO

SPECIES OF TURTLE TAKE: Unknown 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 signature

Observer firm CONTINUE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE 1

DREDGE FIRM: BEAN STUYVESANT

LOAD #: 16 **LOAD start date:** 12/28 **Times (24hrs):** **Start** 0315 **End** 0537

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

Number of dragheads in use: 2 **Type of dragheads used:** ——— **Size of dragheads:** ———

Draghead deflector? **YES** ✓ **NO** ___ **Condition of deflector:** Good

Type of material dredged: ~~sand~~ clay, 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):**

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

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

SCREEN TYPE ✓

	Inflow screening:	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

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: N/A

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

Observer's name: Tu Tran

Observer signature [signature]

Observer firm CONTINUE CONSULTING, INC

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: PTAN STUYVESANT

LOAD #: 167 **LOAD start date:** 12/28 **Times (24hrs):** **Start** 06:35 **End** 09:10

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

Number of dragheads in use: 2 **Type of dragheads used:** ——— **Size of dragheads:** ———

Draghead deflector? **YES** ✓ **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud, clay

Weather conditions: clear

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

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

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

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

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

WATER TEMP: Surface 51 °C/F **Column (mid depth)** °C/F **Bottom** °C/F

SCREEN TYPE ✓

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

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

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: N/A

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

Observer's name: Tu Tran

Observer signature

Observer firm Continue Consulting, Inc

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: PEAN-STUYVESANT

LOAD #: 108 **LOAD start date:** 12/28/04 **Times (24hrs):** Start End

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

Number of dragheads in use: 2 **Type of dragheads used:** ——— **Size of dragheads:** ———

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

Type of material dredged: mud & clay

Weather conditions: scattered 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/15	
1 = 1-3 knot/0.25 ft	4 = 11-16 knot/4 ft	7 = 28-33 knot/13 ft	10 = 48-55 knot/29 ft		
2 = 4-6 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):** 10-15 kt

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

WATER TEMP: Surface 53 °F °C/F **Column (mid depth)** °C/F **Bottom** °C/F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, clay, trash

STARBOARD SCREEN CONTENTS: ✓ ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species)

Shark (any species)

Horseshoe crab /

Blue crab

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

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

Comments: ———

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

Observer's name: T. Craig

Observer signature

Observer firm CONTOUR CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: RAN STUYVESANT

LOAD #: 109 **LOAD start date:** 12/28 **Times (24hrs):** Start End

Condition of screening : Port GOOD Starboard GOOD Overflow

Number of dragheads in use: 2 **Type of dragheads used:** **Size of dragheads:**

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

Type of material dredged: mud, clay

Weather conditions: scattered clouds

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

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

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

Waves: 1-3' ft **Wind (speed & direction):**

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

WATER TEMP: Surface 52°F °C/F Column (mid depth) °C/F Bottom °C/F

SCREEN TYPE ✓

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

PORT SCREEN CONTENTS: mud, clay, trash.

STARBOARD SCREEN CONTENTS: ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species)

Shark (any species)

Horseshoe crab /

Blue crab

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES NO ✓

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

Comments:

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

Observer's name: J. Cray

Observer signature J. Cray **Observer firm** CONTINUUM CONSULTING, INC

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN STUYVESANT

LOAD #: 110 **LOAD start date:** 12/28 **Times (24hrs):** **Start** 1354 **End** 1521

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

Number of dragheads in use: 2 **Type of dragheads used:** ——— **Size of dragheads:** ———

Draghead deflector? **YES** ✓ **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud, clay

Weather conditions: scattered 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: 1-3' ft **Wind (speed & direction):** 10-15 kt

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

WATER TEMP: **Surface** 52 F °C/F **Column (mid depth)** °C/F **Bottom** °C/F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, trash ✓ ✓

STARBOARD SCREEN CONTENTS:

Estimate number entrained on this load for the following:

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

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

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

Comments:

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

Observer's name: J. Craig

Observer signature

Observer firm Continuum Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 111 **LOAD start date:** 12/28 **Times (24hrs):** Start 1618 End 1714

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

Number of dragheads in use: 2 **Type of dragheads used:** ---- **Size of dragheads:** ----

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

Type of material dredged: mud, & clay

Weather conditions: scattered 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: 1-3' ft Wind (speed & direction): 10-15 kt.

AIR TEMP: 52 °C/F

WATER TEMP: Surface 51 °C/F (C = 5/9 (F - 32); F = 9/5 (C) + 32) Column (mid depth) °C/F Bottom °C/F

SCREEN TYPE ✓

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

PORT SCREEN CONTENTS: mud, clay, trash

STARBOARD SCREEN CONTENTS: ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species)

Shark (any species)

Horseshoe crab

Blue crab ✓

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES NO ✓

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

Comments:

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

Observer's name: T. Craig

Observer signature

Observer firm Constitute Consulting, Inc

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE I

DREDGE FIRM: BEAN STUYVESANT

LOAD #: 112 LOAD start date: 12/28 Times (24hrs): Start 1924 End 2203

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

Number of dragheads in use: 2 Type of dragheads used: ——— Size of dragheads: ———

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

Type of material dredged: mud / clay

Weather conditions: scattered clouds to 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/15

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

2 = 4- 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: 52 °C/F (F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 53 °C/F Column (mid depth) °C/F Bottom °C/F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, clay, trash

STARBOARD SCREEN CONTENTS: X X X

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: J. Craig

Observer signature

Observer firm COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN STUYVESANT

LOAD #: 13 **LOAD start date:** 12/28 **Times (24hrs):** Start 22:31 End 00:40

Condition of screening : Port GOOD Starboard GOOD Overflow ——

Number of dragheads in use: 2 **Type of dragheads used:** —— **Size of dragheads:** ——

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

Type of material dredged: mud, clay

Weather conditions: Clear

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

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

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

Waves: 0-1 ft **Wind (speed & direction):** ESE 0-5

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

WATER TEMP: Surface 52 °C/(F) Column (mid depth) °C/°F Bottom °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

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: N/A

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

Observer's name: Tu Tran

Observer signature [signature]

Observer firm COASTWISE CONSULTING, INC

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HA-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 114 **LOAD start date:** 12/29 **Times (24hrs):** Start 02:41 End 04:07

Condition of screening : Port GOOD Starboard GOOD Overflow —

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —

Draghead deflector? YES ✓ NO ___ **Condition of deflector:** GOOD

Type of material dredged: trash, clay

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: 0-1 ft **Wind (speed & direction):** ESE 0-5

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

WATER TEMP: Surface 52 °C/°F **Column (mid depth)** °C/°F **Bottom** °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	100%
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

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: N/A

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

Observer's name: Tug Tran

Observer signature [signature]

Observer firm COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT
CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04
PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I
DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 115 **LOAD start date:** 12/29 **Times (24hrs):** **Start** 05:13 **End** 06:41

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

Number of dragheads in use: 2 **Type of dragheads used:** ——— **Size of dragheads:** ———
Draghead deflector? **YES** ✓ **NO** ___ **Condition of deflector:** Good

Type of material dredged: clay

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: 0-1 ft **Wind (speed & direction):**

AIR TEMP: 56 °C/(F) (C = 5/9 (F - 32); F = 9/5 (C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 52 °C/(F) **Column (mid depth)** °C/F **Bottom** °C/F

SCREEN TYPE ✓

N/A	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

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** ✓

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

Comments: N/A

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

Observer's name: Tu Tran
Observer signature

Observer firm Continue Consulting, Inc

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: DAN STUYVESANT

LOAD #: 116 **LOAD start date:** 12/29 **Times (24hrs):** **Start** 08:02 **End** 09:21

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

Number of dragheads in use: 2 **Type of dragheads used:** ---- **Size of dragheads:** ----

Draghead deflector? YES ✓ **NO** **Condition of deflector:** Grey

Type of material dredged: clay

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- 3 knot/ 0.25 ft	4 – 11-16 knot/ 4 ft	7 28-33 knot/13 ft	10 48-55 knot/29 ft		
2- 6 knot/ 0.5 ft	5 17-21 knot/ 6 ft	8 34-40 knot/18 ft	11 56-63 knot/37 ft		

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

SCR MP: 61 °C/(F)

WATER TEMP: Surface 53 °C/(F) (C = 5/9 (F - 32); °C = 5/9 (F - 32))

Column (mid depth) °C/F **Bottom** °C/F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

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: N/A

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

Observer's name: Ivy Tran

Observer signature

Observer firm COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 107 **LOAD start date:** 12/29 **Times (24hrs):** **Start** 10:26 **End**

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

Number of dragheads in use: 2 **Type of dragheads used:** —— **Size of dragheads:** ——

Draghead deflector? YES ✓ NO **Condition of deflector:** Good

Type of material dredged: mud & clay

Weather conditions: overcast

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

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

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

Waves: 0-2 ft **Wind (speed & direction):** 5-10 kt

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

WATER TEMP: Surface 54 °F °C/F **Column (mid depth)** °C/F **Bottom** °C/F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, clay, trash

STARBOARD SCREEN CONTENTS: ✓ ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species)

Shark (any species)

Horseshoe crab

Blue crab ✓

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

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

Comments:

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

Observer's name: T. Craig

Observer signature

Observer firm COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: DEAN STUYVESANT

LOAD #: 118 **LOAD start date:** 12/29/04 **Times (24hrs):** **Start** 1245 **End** 1334

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

Number of dragheads in use: 2 **Type of dragheads used:** ——— **Size of dragheads:** ———

Draghead deflector? **YES** ✓ **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud, clay

Weather conditions: overcast

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

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

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

Waves: 0-2 ft **Wind (speed & direction):**

AIR TEMP: 64 °F °C/F (C = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

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

SCREEN TYPE ✓

N/A	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, clay, trash

STARBOARD SCREEN CONTENTS: ✓ ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species)

Shark (any species)

Horseshoe crab

Blue crab ✓

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

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

Comments:

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

Observer's name: T. Craig

Observer signature

Observer firm Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN STUYVESANT

LOAD #: 119 **LOAD start date:** 12/29 **Times (24hrs):** **Start** 1426 **End** 1604

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

Number of dragheads in use: 2 **Type of dragheads used:** —— **Size of dragheads:** ——

Draghead deflector? YES ✓ NO —— **Condition of deflector:** GOOD

Type of material dredged: mud, clay

Weather conditions: overcast

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

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

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

Waves: 1-3 ft **Wind (speed & direction):**

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

WATER TEMP: Surface 53°F °C/F **Column (mid depth)** °C/F **Bottom** °C/F

SCREEN TYPE ✓

N/A	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, clay, trash

STARBOARD SCREEN CONTENTS: ✓ ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species) ——

Shark (any species) ——

Horseshoe crab ——

Blue crab ——

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

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

Comments: ——

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

Observer's name: J. Craig

Observer signature [signature]

Observer firm CONTOURSE CONSULTING, INC

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: RYAN-STUYVESANT

LOAD #: 120 **LOAD start date:** 12/27 **Times (24hrs):** **Start** 1720 **End** 2052

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

Number of dragheads in use: 2 **Type of dragheads used:** ---- **Size of dragheads:** ----

Draghead deflector? **YES** ✓ **NO** ---- **Condition of deflector:** Good

Type of material dredged: clay + 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: 1-3 ft **Wind (speed & direction):** S-10 kt

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

WATER TEMP: Surface 53 F °C/°F **Column (mid depth)** °C/°F **Bottom** °C/°F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, clay, trash

STARBOARD SCREEN CONTENTS: ✓ ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species)

Shark (any species)

Horseshoe crab /

Blue crab

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: **YES** ---- **NO** ✓

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

Comments:

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

Observer's name: J. Craig

Observer signature J. C.

Observer firm CONTINUE CONSULTING, INC

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12.17.04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 121 **LOAD start date:** 12/29 **Times (24hrs):** Start 22:15 End 01:54

Condition of screening : Port GOOD Starboard GOOD Overflow ——

Number of dragheads in use: 2 **Type of dragheads used:** —— **Size of dragheads:** ——

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

Type of material dredged: clay, 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: 1-2 ft **Wind (speed & direction):** SE 5-10

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

WATER TEMP: Surface 52 °C/°F Column (mid depth) °C/°F Bottom °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	100%
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

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: N/A

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

Observer's name: Tu Tran

Observer signature [signature] **Observer firm** COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HA-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 122 **LOAD start date:** 12/30 **Times (24hrs):** Start 03:05 End 06:33

Condition of screening : Port GOOD Starboard GOOD Overflow ——

Number of dragheads in use: 2 **Type of dragheads used:** —— **Size of dragheads:** ——

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

Type of material dredged: trash, clay, 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: 1-2 ft **Wind (speed & direction):** SE 5-10

AIR TEMP: 56 °C/°F

WATER TEMP: Surface 52 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32)) **Column (mid depth)** °C/°F **Bottom** °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	100%
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

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: N/A

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

Observer's name: Tu Tran

Observer signature [signature]

Observer firm COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 123 **LOAD start date:** 12/30 **Times (24hrs):** **Start** 07:56 **End** 08:59

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

Number of dragheads in use: 2 **Type of dragheads used:** ____ **Size of dragheads:** ____

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

Type of material dredged: clay

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/15

Waves: 0-1 ft **Wind (speed & direction):** SE 5-10mph

AIR TEMP: 56 °C/(F)

WATER TEMP: Surface 54 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32)) **Column (mid-depth)** ____ °C/F **Bottom** ____ °C/F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

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: N/A

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

Observer's name: Tu Tran

Observer signature ____ **Observer firm** CONTINUE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 124 **LOAD start date:** 12/30 **Times (24hrs):** **Start** 10:30 **End** ____

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

Number of dragheads in use: 2 **Type of dragheads used:** ____ **Size of dragheads:** ____

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

Type of material dredged: mud + clay + ~~sand~~

Weather conditions: overcast

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

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

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/15
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/11 ft	10 = 48-55 knot/29 ft	
2 = 4- 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: 67°F °C/°F

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

WATER TEMP: Surface 54°F °C/°F **Column (mid-depth)** ____ °C/°F **Bottom** ____ °C/°F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, trash, clay

STARBOARD SCREEN CONTENTS: ✓ ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

bserver's name: J. Craig

bserver signature ____ **Observer firm** CONSTANCE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT
CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12-17-04
PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I
DREDGE FIRM: BEAN-STUYVESANT
LOAD #: 125 **LOAD start date:** 12/30 **Times (24hrs):** **Start** ____ **End** ____

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

Number of dragheads in use: 2 **Type of dragheads used:** ____ **Size of dragheads:** ____
Draghead deflector? **YES** ✓ **NO** ____ **Condition of deflector:** GOOD

Type of material dredged: mud, clay

Weather conditions: overcast

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

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

0 = <1 knot/ 0 ft
1 = 1- 3 knot/ 0.25 ft
2 = 4- 6 knot/ 0.5 ft
3 = 7-10 knot/ 2 ft
4 = 11-16 knot/ 4 ft
5 = 17-21 knot/ 6 ft
6 = 22-27 knot/10 ft
7 = 28-33 knot/14 ft
8 = 34-40 knot/18 ft
9 = 41-47 knot/23 ft
10 = 48-55 knot/29 ft
11 = 56-63 knot/37 ft
12 = >63 knot/15

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

AIR TEMP: 66 °C/F
WATER TEMP: Surface 54 °C/F **Column (mid-depth)** ____ °C/F **Bottom** ____ °C/F
(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, clay, trash

STARBOARD SCREEN CONTENTS: ✓ ✓ ✓

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

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

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

Comments: ____

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

Observer's name: J. Craig
Observer signature ____ **Observer firm** COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 Maintenance ✓/New Work ____ PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE I

DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 126 LOAD start date: 12/30 Times (24hrs): Start 1527 End 2708

Condition of screening : Port GOOD Starboard GOOD Overflow ____

Number of dragheads in use: 2 Type of dragheads used: ____ Size of dragheads: ____

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

Type of material dredged: mud, clay, trash

Weather conditions: overcast

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

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

0 = <1 knot/ 0 ft
1 = 1- 3 knot/ 0.25 ft
2 = 4- 6 knot/ 0.5 ft
3 = 7-10 knot/ 2 ft
4 = 11-16 knot/ 4 ft
5 = 17-21 knot/ 6 ft
6 = 22-27 knot/10 ft
7 = 28-33 knot/14 ft
8 = 34-40 knot/18 ft
9 = 41-47 knot/23 ft
10 = 48-55 knot/29 ft
11 = 56-63 knot/37 ft
12 = >63 knot/15

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

AIR TEMP: 58 °F/°C

WATER TEMP: Surface 54 °F/°C (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32)) Column (mid-depth) ____ °F/°C Bottom ____ °F/°C

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, clay, trash

STARBOARD SCREEN CONTENTS: ✓ ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab ____

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

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

Comments: ____

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

bserver's name: T. Gray

bserver signature ____ Observer firm CONSTANCE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT
CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** ____ **PROJECT start date** 12-17-04
PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I
DREDGE FIRM: BEAN-STUYVESANT

LOAD #: 127 **LOAD start date:** 12/30 **Times (24hrs): Start** 1804 **End** 1922

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

Number of dragheads in use: 2 **Type of dragheads used:** ____ **Size of dragheads:** ____
Draghead deflector? YES ✓ **NO** ____ **Condition of deflector:** GOOD

Type of material dredged: mud, clay, #

Weather conditions: overcast, foggy

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

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

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 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: 54°F °C / F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 54°F °C / F **Column (mid-depth)** ____ °C / F **Bottom** ____ °C / F

SCREEN TYPE

✓	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, clay, trash

STARBOARD SCREEN CONTENTS: ↓ ↓ ↓

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

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

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

Comments: ____

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

Observer's name: J. Craig
Observer signature ____ **Observer firm** COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE I

DREDGE FIRM: DAN STUYVESANT

LOAD #: 128 LOAD start date: 12/30 Times (24hrs): Start 2013 End 2109

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

Number of dragheads in use: 2 Type of dragheads used: ——— Size of dragheads: ———

Draghead deflector? YES ✓ NO Condition of deflector: Good

Type of material dredged: mud + clay

Weather conditions: overcast

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

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

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

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

AIR TEMP: 52°F °C/F

WATER TEMP: Surface 54°F °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32)) Column (mid depth) °C/F Bottom °C/F

SCREEN TYPE ✓

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

PORT SCREEN CONTENTS: trash, mud, clay

STARBOARD SCREEN CONTENTS: ✓ ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species)

Shark (any species)

Horseshoe crab

Blue crab ✓

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

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

Comments: ———

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

Observer's name: J. Craig

Observer signature J. Craig

Observer firm Continental Consultants, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HA-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE 1

DREDGE FIRM: PLAN STUYVE ANT

LOAD #: 129 LOAD start date: 12/30 Times (24hrs): Start 2047 End 01:29

Condition of screening : Port GOOD Starboard GOOD Overflow

Number of dragheads in use: 2 Type of dragheads used: Size of dragheads:

Draghead deflector? YES ✓ NO Condition of deflector: GOOD

Type of material dredged: Clay

Weather conditions: Cloudy

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

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

0 =	<1 knot/ 0 ft	3	7-10 knot/ 2 ft	6	22-27 knot/10 ft	9	41-47 knot/23 ft	12	63 knot/45		
1 =	1-3 knot/ 0.25 ft	4	11-16 knot/ 4 ft	7	28-33 knot/14 ft	10	48-55 knot/29 ft				
2	4-6 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: 56 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 55 °C/°F Column (mid depth) °C/°F Bottom °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

Estimate number entrained on this load for the following:

Sturgeon (any species)

Shark (any species)

Horseshoe crab

Blue crab

CL

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES NO ✓

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

Comments: N/A

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

Observer's name: Tu Tran

Observer signature [signature] Observer firm Construction Consultants, Inc

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: GALVESTON DISTRICT

ONTRACT #: W912HA-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

ROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE 1

DREDGE FIRM: PEAN STUYVE ANT

OAD #: 130 LOAD start date: 12/31 Times (24hrs): Start 0217 End 0500

ndition of screening : Port Good Starboard Good Overflow

umber of dragheads in use: 2 Type of dragheads used: Size of dragheads:

raghead deflector? YES ✓ NO Condition of deflector: Good

pe of material dredged: clay

eather conditions: partly cloudy

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

ves: 1-2 ft Wind (speed & direction):

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

ATER TEMP: Surface 55 °C/°F Column (mid depth) °C/°F Bottom °C/°F

EEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

RT SCREEN CONTENTS: trash, clay

BOARD SCREEN CONTENTS: trash, clay

ate 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 ✓

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

ments: N/A

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

ver's name: Tu Tran

ver signature Tu Tran Observer firm Coastwise Consulting, Inc

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

SACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HA-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

ROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE 1

DREDGE FIRM: PLAN STUYVE ANT

OAD #: 131 LOAD start date: 12/31 Times (24hrs): Start 05:44 End 9:40

ndition of screening : Port Good Starboard Good Overflow

umber of dragheads in use: 2 Type of dragheads used: Size of dragheads:

raghead deflector? YES ✓ NO Condition of deflector: Good

ype of material dredged: mud, clay

eather conditions: partly cloudy

dal 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			
1-3 knot/0.25 ft	4	11-16 knot/4 ft	7	28-33 knot/14 ft	10	48-55 knot/29 ft					
1-6 knot/0.5 ft	5	17-21 knot/6 ft	8	34-40 knot/18 ft	11	56-63 knot/32 ft					

1-2 ft Wind (speed & direction):

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

ATER TEMP: Surface 55 °C/°F Column (mid depth) °C/°F Bottom °C/°F

N TYPE

✓	Inflow screening:	None	25%	50%	75%	100%
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

RT SCREEN CONTENTS: trash, clay

OARD SCREEN CONTENTS: trash, clay

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

ents: N/A

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

er's name: Tu Tran

er signature Tu Tran Observer firm Coastwise Consulting, Inc

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HA-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE I

DREDGE FIRM: PEAN STUYVESANT

LOAD #: 132 LOAD start date: 12/31 Times (24hrs): Start End

Condition of screening : Port Good Starboard Good Overflow

Number of dragheads in use: 2 Type of dragheads used: Size of dragheads:

Draghead deflector? YES ✓ NO Condition of deflector: Good

Type of material dredged: clay + mud

Weather conditions: ~~[illegible]~~ Scattered clouds

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

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

1 - 1 knot/0.0	3 - 7-10 knot/2 ft	6 - 22-27 knot/10 ft	9 - 41-47 knot/23 ft	12 - 63 knot/45
2 - 3 knot/0.25 ft	4 - 11-16 knot/4 ft	7 - 28-33 knot/14 ft	10 - 48-55 knot/29 ft	
4 - 6 knot/0.5 ft	5 - 17-21 knot/6 ft	8 - 34-40 knot/18 ft	11 - 56-63 knot/37 ft	

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

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

WATER TEMP: Surface 54°F °C/°F Column (mid depth) °C/°F Bottom °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, clay, trash

STARBOARD SCREEN CONTENTS: ✓ ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species)

Shark (any species)

Horseshoe crab

Blue crab

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES NO ✓

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: J. Craig

Observer signature [signature]

Observer firm Coastwise Consulting, Inc

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT
CONTRACT #: W912HY-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-11-04
PROJECT NAME: Sabine Pass, Texas DREDGE NAME: MAGGIE
DREDGE FIRM: Ellis Bay Marine

LOAD #: 33 LOAD start date: 12/31 Times (24hrs): Start End

Condition of screening: Port Good Starboard Good Overflow

Number of dragheads in use: 2 Type of dragheads used: Size of dragheads:
Draghead deflector? YES ✓ NO Condition of deflector: Good

Type of material dredged: clay + mud

Weather conditions: Scattered 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: 1-2' ft Wind (speed & direction):

AIR TEMP: 66°F °C/F (C = 5/9 (F - 32); °C = 5/9 (F - 32))
WATER TEMP: Surface 54°F °C/F Column (mid depth) °C/F Bottom °C/F

SCREEN TYPE ✓

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

PORT SCREEN CONTENTS: mud, clay, trash ✓

STARBOARD SCREEN CONTENTS: ✓

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES NO ✓

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

Comments:

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

Observer's name: T. Craig
Observer signature: T. Craig Observer firm: Coastwise Consulting, Inc

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT
CONTRACT #: W912HA-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04
PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I
DREDGE FIRM: PEAN STUYVESANT

LOAD #: 134 **LOAD start date:** 12/51 **Times (24hrs):** Start 2123 End 2245

Condition of screening : Port GOOD Starboard GOOD Overflow

Number of dragheads in use: 2 **Type of dragheads used:** **Size of dragheads:**
Draghead deflector? YES ✓ NO **Condition of deflector:** GOOD

Type of material dredged: mud + clay

Weather conditions: scattered 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: 1-2' ft **Wind (speed & direction):**

AIR TEMP: 6 52°F °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 53°F °C/°F Column (mid depth) °C/°F Bottom °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, clay, trash

STARBOARD SCREEN CONTENTS: ✓ ✓ ✓

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES NO ✓

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

Comments:

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

Observer's name: J. Craig
Observer signature [signature] **Observer firm** Coastwise Consulting, Inc

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HA-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN STUYVESANT

LOAD #: 135 **LOAD start date:** 12/31 **Times (24hrs):** Start 23:15 End 01:20

Condition of screening : Port GOOD Starboard GOOD Overflow —

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —

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

Type of material dredged: mud, clay

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: 1-2 ft **Wind (speed & direction):**

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

WATER TEMP: Surface 54 °C/(F) Column (mid depth) °C/°F Bottom °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

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: N/A

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

Observer's name: Tu Tran

Observer signature [signature]

Observer firm COASTWISE CONSULTING, INC

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston

CONTRACT #: W912HY-04-C-022 **Maintenance** X **/New Work** _____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine Pass **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean

LOAD #: 136 **LOAD start date:** 1/1/05 **Times (24hrs):** **Start** 0216 **End** 0552

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

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —

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

Type of material dredged: mud, clay

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: 1-2 ft **Wind (speed & direction):** E 5 knots

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

WATER TEMP: Surface 54 °C/(°F) **Column (mid-depth)** _____ °C/°F **Bottom** _____ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: mud, clay, detritus, jetsom

STARBOARD SCREEN CONTENTS: mud, clay, detritus, jetsom

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: Tu Tran **Observer firm** Coastwise

Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HY-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE I

DREDGE FIRM: BEAN STUYVESANT

LOAD #: 137 **LOAD start date:** 1/1 **Times (24hrs):** Start 06:55 End 09:02

Condition of screening : Port GOOD Starboard GOOD Overflow —

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —

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

Type of material dredged: mud, clay

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: 1-2 ft **Wind (speed & direction):**

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

WATER TEMP: Surface 54 °C/°F Column (mid depth) °C/°F Bottom °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	100%
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

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: N/A

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

Observer's name: Ty Trap

Observer signature: [signature] **Observer firm** Coastwise Consulting, Inc

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HP-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE I

DREDGE FIRM: PEAN STUYVESANT

LOAD #: 138 LOAD start date: 1/1/05 Times (24hrs): Start 1021 End 1448

Condition of screening : Port GOOD Starboard GOOD Overflow

Number of dragheads in use: 2 Type of dragheads used: Size of dragheads:

Draghead deflector? YES ✓ NO Condition of deflector: GOOD

Type of material dredged: MUD

Weather conditions: FOGGY (HEAVY)

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

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

0	1 knot/ 0 ft	3	7-10 knot/ 2 ft	6	22-27 knot/10 ft	9	41-47 knot/23 ft	12	63 knot/45		
1	1- 3 knot/ 0.25 ft	4	11-16 knot/ 4 ft	7	28-33 knot/14 ft	10	48-55 knot/29 ft				
2	4- 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): 1-5 KNOTS

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

WATER TEMP: Surface 54 °C/°F Column (mid depth) °C/°F Bottom °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD & TRASH

STARBOARD SCREEN CONTENTS: ✓ ✓

Estimate number entrained on this load for the following:

Sturgeon (any species)

Shark (any species)

Horseshoe crab

Blue crab ✓

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES NO ✓

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

Comments: ✓

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

Observer's name: TRAVIS TOBEY

Observer signature [signature] Observer firm COASTWISE CONSULTING, INC

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE I

LOAD #: 139 LOAD start date: 1/1/05 DREDGE FIRM: DAN STUYVESANT

Times (24hrs): Start 1548 End 1948

Condition of screening : Port GOOD Starboard GOOD Overflow

Number of dragheads in use: 2 Type of dragheads used: Size of dragheads:

Draghead deflector? YES ✓ NO Condition of deflector: GOOD

Type of material dredged: MUD

Weather conditions: FOGGY

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

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

0 = <1 knot/0 ft 3 = 7-10 knot/2 ft 6 = 22-27 knot/10 ft 9 = 41-47 knot/23 ft 12 = 63+ knot/45

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

2 = 4-6 knot/0.5 ft 5 = 17-21 knot/6 ft 8 = 34-40 knot/18 ft 11 = 56-63 knot/37 ft

Waves: ft Wind (speed & direction):

AIR TEMP: 58 °C/F

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

Column (mid depth) °C/F Bottom °C/F

SCREEN TYPE ✓

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

PORT SCREEN CONTENTS: MUD + TRASH

STARBOARD SCREEN CONTENTS: ✓

Estimate number entrained on this load for the following:

Sturgeon (any species)

Shark (any species)

Horseshoe crab

Blue crab /

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES NO ✓

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

Comments: /

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

Observer's name: TRAVIS TOBEY

Observer signature Observer firm CONSTELLATION CONNECTION, INC

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE **DISTRICT:** GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04

PROJECT NAME: SABINE PASS, TEXAS **DREDGE NAME:** EAGLE 1

LOAD #: 140 **LOAD start date:** 1/1 **DREDGE FIRM:** DAN STUYVESANT

Times (24hrs): Start 2107 End 0104

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

Number of dragheads in use: 2 **Type of dragheads used:** **Size of dragheads:**

Draghead deflector? YES ✓ **NO** **Condition of deflector:** Good

Type of material dredged: mud, clay

Weather conditions: cloudy, foggy

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

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

0 – <1 Knot/0 ft	3 – 7-10 Knot/2 ft	6 – 22-27 Knot/10 ft	9 – 41-47 Knot/23 ft	12 – 63 Knot/45	
1 – 1-3 Knot/0.25 ft	4 – 11-16 Knot/4 ft	7 – 28-33 Knot/14 ft	10 – 48-55 Knot/29 ft		
2 – 4-6 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: 59 °C/F

WATER TEMP: Surface 54 °C/F **Column (mid depth)** °C/F **Bottom** °C/F

(C = 5/9 (F – 32); F = 9/5 (C) + 32)

SCREEN TYPE ✓

	Inflow screening:	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, mud, clay

STARBOARD SCREEN CONTENTS: trash, mud, clay

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: N/A

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

Observer's name: Tu Tran

Observer signature

Observer firm Continental Consultants, Inc

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston
CONTRACT #: W912H4-04-C-022 **Maintenance** X **/New Work** ____ **PROJECT start date** 12/17/04
PROJECT NAME: Sabine Pass **DREDGE NAME:** Eagle One
DREDGE FIRM: Bean

LOAD #: 141 **LOAD start date:** 1/2/05 **Times (24hrs):** **Start** 0210 **End** 0631

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

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —
Draghead deflector? YES X **NO** ____ **Condition of deflector:** ____

Type of material dredged: mud, clay

Weather conditions: cloudy, fog

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

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

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 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):** E 5 Knots

AIR TEMP: 59 °C/°F ((°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 55 °C/°F **Column (mid-depth)** ____ °C/°F **Bottom** ____ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: mud, clay, detritus, jetsom

STARBOARD SCREEN CONTENTS: mud, clay, detritus, jetsom

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: Tu Tran **Observer firm** Coastwise
Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HY-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-11-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: DAGGETT

DREDGE FIRM: PEAK Slay VI JV

LOAD #: 142 LOAD start date: 1/2 Times (24hrs): Start 0748 End 1047

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

Number of draghends in use: 2 Type of draghends used: ---- Size of draghends: ----

Draghead deflector? YES ✓ NO Condition of deflector: Good

Type of material dredged: mud, clay

Weather conditions: cloudy, foggy

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

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

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

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

AIR TEMP: 50 °C/(F)

WATER TEMP: Surface 55 °C/(F) (C = 5/9 (F - 32); °C = 5/9 (F - 32)) Column (mid depth) °C/F Bottom °C/F

SCREEN TYPE ✓

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

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

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: N/A

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

Observer's name: Tu Tran

Observer signature [signature] Observer firm Coastwise Consulting, Inc

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HA-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE I

DREDGE FIRM: PEAN STUYVE ANT

LOAD #: 143 LOAD start date: 1/2 Times (24hrs): Start 1157 End 1453

Condition of screening : Port GOOD Starboard GOOD Overflow

Number of dragheads in use: 2 Type of dragheads used: Size of dragheads:

Draghead deflector? YES ✓ NO Condition of deflector: GOOD

Type of material dredged: MUD + CLAY

Weather conditions: CLOUDY, FOGGY

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

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

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45	
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft		
2 = 4- 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: 60 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 59 °C/°F Column (mid depth) °C/°F Bottom °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: CLAY, MUD + TRASH

STARBOARD SCREEN CONTENTS:

Estimate number entrained on this load for the following:

Sturgeon (any species)

Shark (any species)

Horseshoe crab

Blue crab

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES NO ✓

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

Comments:

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

Observer's name: TRAVIS DUBEY

Observer signature

Observer firm CONSTRUCTIVE CONSULTING, INC

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

ACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HA-04-C 0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE I

DREDGE FIRM: PEAN STUYVESANT

LOAD #: 144 LOAD start date: 1/2/05 Times (24hrs): Start 5:55 End 19:21

Condition of screening : Port GOOD Starboard GOOD Overflow

Number of dragheads in use: 2 Type of dragheads used: Size of dragheads:

Draghead deflector? YES ✓ NO Condition of deflector: GOOD

Type of material dredged: MUD & CLAY

Weather conditions: SLOUPY & FOGGY

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

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

0 =	<1 knot/ 0 ft	3	7-10 knot/ 2 ft	6	22-27 knot/10 ft	9	41-47 knot/23 ft	12	63 knot/45		
1 =	1- 3 knot/ 0.25 ft	4	11-16 knot/ 4 ft	7	28-33 knot/14 ft	10	48-55 knot/29 ft				
2 =	4- 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): 5-10 KNOTS

AIR TEMP: 60 °C/°F

WATER TEMP: Surface 60 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32)) Column (mid depth) °C/°F Bottom °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	100%
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, CLAY & TRASH

STARBOARD SCREEN CONTENTS:

Estimate number entrained on this load for the following:

Sturgeon (any species)

Shark (any species)

Horseshoe crab

Blue crab

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES NO ✓

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

Comments:

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

Observer's name: TRAVIS TOBEY

Observer signature

Observer firm COASTWISE CONSULTING, INC

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HA-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE I

DREDGE FIRM: PLAN STUYVESANT

LOAD #: 145 LOAD start date: 12/2/05 Times (24hrs): Start 23:10 End 1:55

Condition of screening : Port GOOD Starboard GOOD Overflow

Number of dragheads in use: 2 Type of dragheads used: Size of dragheads:

Draghead deflector? YES ✓ NO Condition of deflector: GOOD

Type of material dredged: MUD & CLAY

Weather conditions: CLOUDY & FOGGY

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

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

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = 63 knot/45
1 = 1-3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4-6 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): 10-15 KNOTS

AIR TEMP: 61 °C/°F

WATER TEMP: Surface 60 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32)) Column (mid depth) °C/°F Bottom °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, CLAY & TRASH

STARBOARD SCREEN CONTENTS: MUD, CLAY & TRASH

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: TRAVIS TOBEY

Observer signature

Observer firm CONSTRUCTIVE CONSULTING, INC

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HY-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: Sabine Pass, Texas DREDGE NAME: Yaggy

LOAD #: 146 LOAD start date: 1/3/05 DREDGE FIRM: Ellis Bayou Joint Times (24hrs): Start 0234 End 0351

Condition of screening : Port Good Starboard Good Overflow

Number of dragheads in use: 2 Type of dragheads used: Size of dragheads:

Draghead deflector? YES ✓ NO Condition of deflector: Okay

Type of material dredged: mud, clay

Weather conditions: foggy

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

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

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

AIR TEMP: 59 °C/°F

WATER TEMP: Surface 55 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32)) Column (mid depth) °C/°F Bottom °C/°F

SCREEN TYPE

	Inflow screening:	None	25%	50%	75%	100%
n/a	Overflow screening:	None	25%	50%	75%	100%
n/a	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

Estimate number entrained on this load for the following:

Sturgeon (any species)

Shark (any species)

Horseshoe crab 4

Blue crab

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES NO ✓

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

Comments: N/A

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

Observer's name: Tu Tran

Observer signature

Observer firm Concrete Contractors, Inc

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston District

CONTRACT #: W912HA-04-C-0022 **Maintenance** ✓ **/New Work** **PROJECT start date** 12-17-04

PROJECT NAME: Sabine Pass, Texas **DREDGE NAME:** Mac-Ala 1

DREDGE FIRM: Ryan Gray Marine

LOAD #: 147 **LOAD start date:** 1/3/05 **Times (24hrs):** **Start** 0040 **End** 0342 01/04/05

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

Number of dragheads in use: 2 **Type of dragheads used:** **Size of dragheads:**

Draghead deflector? YES ✓ **NO** **Condition of deflector:** Good

Type of material dredged: mud, clay

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: 1-2 ft **Wind (speed & direction):**

AIR TEMP: 60 °C/(F)

WATER TEMP: Surface 56 °C/(F) **Column (mid depth)** °C/F **Bottom** °C/F

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

SCREEN TYPE ✓

	Inflow screening:	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

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: N/A

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% (100%)

Observer's name: Tu Tran

Observer signature **Observer firm** Continental Consultants, Inc

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston
CONTRACT #: W912HY-04-C-022 **Maintenance** X **/New Work** _____ **PROJECT start date** 12/17/04
PROJECT NAME: Sabine Pass **DREDGE NAME:** Eagle One
DREDGE FIRM: Bean
LOAD #: 148 **LOAD start date:** 1/3/05 **Times (24hrs):** **Start** 0453 **End** 0656

Condition of screening : **Port** Good **Starboard** Good **Overflow** —

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —
Draghead deflector? YES X NO ___ **Condition of deflector:** _____

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: 1-2 ft **Wind (speed & direction):** E 5 Knots

AIR TEMP: 61 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 56 °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: mud, clay, detritus, jetsom

STARBOARD SCREEN CONTENTS: mud, clay, detritus, jetsom

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: Tu Tran **Observer firm** Coastwise
Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W712HA-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE 1

DREDGE FIRM: PEAN STUYVESANT

LOAD #: 149 LOAD start date: 1/3/05 Times (24hrs): Start 09:41 End 1604

Condition of screening : Port GOOD Starboard GOOD Overflow

Number of dragheads in use: 2 Type of dragheads used: Size of dragheads:

Draghead deflector? YES ✓ NO Condition of deflector: GOOD

Type of material dredged: MUD & CLAY

Weather conditions: PARTLY CLOUDY & LIGHT FOG

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/0 ft	3	7-10 knot/2 ft	6	22-27 knot/10 ft	9	41-47 knot/23 ft	12	63 knot/45	
1 1-3 knot/0.25 ft	4	11-16 knot/4 ft	7	28-33 knot/14 ft	10	48-55 knot/29 ft			
2 4-6 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): 5 TO 15 KT

AIR TEMP: 61 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 56 °C/°F Column (mid depth) °C/°F Bottom °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, CLAY & TRASH

STARBOARD SCREEN CONTENTS: MUD, CLAY & TRASH

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: TRAVIS TOBEY

Observer signature

Observer firm COASTWISE CONSULTING, INC

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W712HN-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE 1

DREDGE FIRM: PEAN STUYVE ANT

LOAD #: 150 LOAD start date: 1/3/04 Times (24hrs): Start 1724 End 2100

Condition of screening : Port GOOD Starboard GOOD Overflow

Number of dragheads in use: 2 Type of dragheads used: Size of dragheads:

Draghead deflector? YES ✓ NO Condition of deflector: GOOD

Type of material dredged: MUD & CLAY

Weather conditions: CLEAR

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0	<1 knot/0 ft	3	7-10 knot/2 ft	6	22-27 knot/10 ft	9	41-47 knot/23 ft	12	63 knot/45
1	1-3 knot/0.25 ft	4	11-16 knot/4 ft	7	28-33 knot/14 ft	10	48-55 knot/29 ft		
2	4-6 knot/0.5 ft	5	17-21 knot/6 ft	8	34-40 knot/18 ft	11	56-63 knot/37 ft		

Waves: 1-3 ft Wind (speed & direction): 5-10 KT

AIR TEMP: 61 °C/°F

WATER TEMP: Surface 56 °C/°F Column (mid depth) °C/°F Bottom °C/°F

°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	100%
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, CLAY, & TRASH

STARBOARD SCREEN CONTENTS: MUD CLAY & TRASH

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: TRAVIS TOBEY

Observer signature

Observer firm COASTWISE CONSULTING, INC

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT
CONTRACT #: W912HP-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04
PROJECT NAME: Sabine Pass, Texas DREDGE NAME: EAGLE 1
DREDGE FIRM: Plan Stuyvesant
LOAD #: 151 LOAD start date: 1/3/05 Times (24hrs): Start 00:00 End 02:48

Condition of screening: Port Good Starboard Good Overflow

Number of dragheads in use: 2 Type of dragheads used: Size of dragheads:
Draghead deflector? YES ✓ NO Condition of deflector: Good

Type of material dredged: clay, mud

Weather conditions: foggy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 - <1 knot/0 ft	3 - 7-10 knot/2 ft	6 - 22-27 knot/10 ft	9 - 41-47 knot/23 ft	12 - 63 knot/45	
1 - 1-3 knot/0.25 ft	4 - 11-16 knot/4 ft	7 - 28-33 knot/14 ft	10 - 48-55 knot/29 ft		
2 - 4-6 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: 59 °C/F
WATER TEMP: Surface 55 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
Column (mid depth) °C/°F Bottom °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	100%
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

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: N/A

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Tu Tran
Observer signature [signature] Observer firm Coastwise Consulting, Inc

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HY-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE I

DREDGE FIRM: DAN STUYVESANT

LOAD #: 152 LOAD start date: 1/4/05 Times (24hrs): Start 04:30 End 07:38

Condition of screening : Port Good Starboard Good Overflow ———

Number of dragheads in use: 2 Type of dragheads used: ——— Size of dragheads: ———

Draghead deflector? YES ✓ NO Condition of deflector: Good

Type of material dredged: clay, seagrass

Weather conditions: cloudy, foggy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low (Unknown)

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 – <1 knot/0.0 ft 3 7-10 knot/2 ft 6 22-27 knot/10 ft 9 41-47 knot/23 ft 12 63 knot/45

1 – 1-3 knot/0.25 ft 4 11-16 knot/4 ft 7 28-33 knot/14 ft 10 48-55 knot/29 ft

2 – 4-6 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: 62 °(F)

WATER TEMP: Surface 56 °(C) Column (mid depth) °(C)/F Bottom °(C)/F

(F = 9/5 (C) + 32; C = 5/9 (F – 32))

SCREEN TYPE ✓

	Inflow screening:	None	25%	50%	75%	(100%)
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay,

STARBOARD SCREEN CONTENTS: trash, clay,

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: N/A

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: Ty Tran

Observer signature [signature]

Observer firm Continental Consultants, Inc

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HA-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE I

DREDGE FIRM: BEAN STUYVESANT

LOAD #: 153 LOAD start date: 1/4/05 Times (24hrs): Start 09:54 End 14:04

Condition of screening : Port GOOD Starboard GOOD Overflow

Number of dragheads in use: 2 Type of dragheads used: Size of dragheads:

Draghead deflector? YES ✓ NO Condition of deflector: GOOD

Type of material dredged: MUD + CLAY

Weather conditions: DENSE FOG

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0	<1 knot/0 ft	3	7-10 knot/2 ft	6	22-27 knot/10 ft	9	41-47 knot/23 ft	12	63 knot/45		
1	1-3 knot/0.25 ft	4	11-16 knot/4 ft	7	28-33 knot/14 ft	10	48-55 knot/29 ft				
2	4-6 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): 1-3 KT

AIR TEMP: 63 °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

✓	Inflow screening:	None	25%	50%	75%	(100%)
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD CLAY + TRASH

STARBOARD SCREEN CONTENTS: MUD CLAY + TRASH

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: TRAVIS TOBEY

Observer signature

Observer firm CONTROLLED CONSULTING, INC

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HA-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-11-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: MAGGIE I

LOAD #: 154 LOAD start date: 1/3 DREDGE FIRM: DAN Stuyvesant

Times (24hrs): Start 1541 End 2104

Condition of screening: Port Good Starboard Good Overflow

Number of dragheads in use: 2 Type of dragheads used: Size of dragheads:

Draghead deflector? YES ✓ NO Condition of deflector: Good

Type of material dredged: MUD

Weather conditions: ~~CLEAR~~ LIGHT FOG

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 64 knot+

Waves: 0-1 ft Wind (speed & direction): 0-5 kt

AIR TEMP: 60 °C (F)

WATER TEMP: Surface 56 °C (F) (C = 5/9 (F - 32)) Column (mid depth) °C (F) Bottom °C (F)

SCREEN TYPE ✓

n/a	Inflow screening:	None	25%	50%	75%	(100%)
n/a	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD & TRASH

STARBOARD SCREEN CONTENTS: MUD & TRASH

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: TRAVIS DUET

Observer signature Observer firm Coastwise Consulting, Inc

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HA-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE I

LOAD #: 155 LOAD start date: 1/4/05 DREDGE FIRM: DAN Stuyvesant

Times (24hrs): Start 0000 End 0526

Condition of screening : Port Good Starboard Good Overflow

Number of dragheads in use: 2 Type of dragheads used: Size of dragheads:

Draghead deflector? YES NO Condition of deflector: Good

Type of material dredged:

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; 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: °C/F

WATER TEMP: Surface °C/F (C = 5/9 (F - 32); °F = 5/9 (F - 32)) Column (mid depth) °C/F Bottom °C/F

SCREEN TYPE ✓

N/A	Inflow screening:	None	25%	50%	75%	(100%)
N/A	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS:

STARBOARD SCREEN CONTENTS:

Estimate number entrained on this load for the following:

Sturgeon (any species)

Shark (any species)

Horseshoe crab

Blue crab

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES NO

SPECIES OF TURTLE TAKE: Unknown 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 signature Observer firm Continental Conservation, Inc

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HP-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE 1

DREDGE FIRM: PLAN STUYVESANT

LOAD #: 156 LOAD start date: 1/5/05 Times (24hrs): Start 02:22 End 05:35

Condition of screening : Port GOOD Starboard GOOD Overflow

Number of dragheads in use: 2 Type of dragheads used: Size of dragheads:

Draghead deflector? YES ✓ NO Condition of deflector: GOOD

Type of material dredged: mud, clay

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: 1-2 ft Wind (speed & direction):

AIR TEMP: 61 °C/F

WATER TEMP: Surface 56 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

Column (mid depth) °C/°F Bottom °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	100%
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

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: N/A

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Tu Tran

Observer signature [signature]

Observer firm Coastwise Consulting, Inc

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HA-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE I

DREDGE FIRM: PLAN STUYVE ANT

LOAD #: 157 LOAD start date: 1/5/05 Times (24hrs): Start 06:32 End 10:57

Condition of screening : Port GOOD Starboard GOOD Overflow

Number of dragheads in use: 2 Type of dragheads used: Size of dragheads:

Draghead deflector? YES ✓ NO Condition of deflector: GOOD

Type of material dredged: mud, clay

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: 1-2 ft Wind (speed & direction):

AIR TEMP: 64 °C/°F

WATER TEMP: Surface 56 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32)) Column (mid depth) °C/°F Bottom °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

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: N/A

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: Ty Trum

Observer signature

Observer firm Coastwise Consulting, Inc

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HA-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE 1

DREDGE FIRM: PLAN STUYVE ANT

LOAD #: 158 LOAD start date: 1/5/05 Times (24hrs): Start 11:43 End 1424

Condition of screening : Port GOOD Starboard GOOD Overflow

Number of dragheads in use: 2 Type of dragheads used: Size of dragheads:

Draghead deflector? YES ✓ NO Condition of deflector: GOOD

Type of material dredged: MUD

Weather conditions: PARTLY CLOUDY, LIGHT FOG

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 - <1 knot/0 ft	3 - 7-10 knot/2 ft	6 - 22-27 knot/10 ft	9 - 41-47 knot/23 ft	12 - 63 knot/45
1 - 1-3 knot/0.25 ft	4 - 11-16 knot/4 ft	7 - 28-33 knot/14 ft	10 - 48-55 knot/29 ft	
2 - 4-6 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): 5-10

AIR TEMP: 67 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 58 °C/°F Column (mid depth) °C/°F Bottom °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	100%
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, TRASH

STARBOARD SCREEN CONTENTS: MUD, TRASH

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: TRAVIS TOBEY

Observer signature

Observer firm COASTWISE CONSULTING, INC

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HY-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE I

LOAD #: 159 LOAD start date: 1/05/05 DREDGE FIRM: DAN STUYVESANT

Times (24hrs): Start 1517 End 1855

Condition of screening : Port GOOD Starboard GOOD Overflow

Number of dragheads in use: 2 Type of dragheads used: Size of dragheads:

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/15

1 – 1-3 knot/ 0.25 ft 4 11-16 knot/ 4 ft 7 28-33 knot/13 ft 10 48-55 knot/29 ft

2 – 4-6 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): 570 1<T

AIR TEMP: 63 °C/F

WATER TEMP: Surface 57 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

Column (mid depth) °C/F Bottom °C/F

SCREEN TYPE ✓

N/A	Inflow screening:	None	25%	50%	75%	100%
N/A	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD & TRASH

STARBOARD SCREEN CONTENTS: MUD & TRASH

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: TRAVIS TUBBY

Observer signature

Observer firm

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HY-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE I

DREDGE FIRM: RIAN STUYVE ANT

LOAD #: 160 LOAD start date: 1/5/05 Times (24hrs): Start 19:49 End 23:51

Condition of screening : Port GOOD Starboard GOOD Overflow

Number of dragheads in use: 2 Type of dragheads used: Size of dragheads:

Draghead deflector? YES ✓ NO Condition of deflector: GOOD

Type of material dredged: Clay, 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: 1-2 ft Wind (speed & direction):

AIR TEMP: 61 °C/(F) (F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 56 °C/(F) Column (mid depth) °C/°F Bottom °C/°F

SCREEN TYPE

✓	Inflow screening:	None	25%	50%	75%	(100%)
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

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: N/A

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: Tu Tran

Observer signature [signature] Observer firm Coastwise Consulting, Inc

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston

CONTRACT #: W912HY-04-C-022 **Maintenance** X **/New Work** ____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine Pass **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean

LOAD #: 161 **LOAD start date:** 1/6/05 **Times (24hrs):** **Start** 0120 **End** 0537

Condition of screening : **Port** Good **Starboard** Good **Overflow** —

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —

Draghead deflector? YES X NO ____ **Condition of deflector:** ____

Type of material dredged: mud, clay

Weather conditions: clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1 ft **Wind (speed & direction):** S 0-5

AIR TEMP: 62 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 56 °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: mud, clay, detritus, jetsom

STARBOARD SCREEN CONTENTS: mud, clay, detritus, jetsom

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: Travis Tobey **Observer firm** Coastwise

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston

CONTRACT #: W912HY-04-C-022 **Maintenance** X **/New Work** _____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine Pass **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean

LOAD #: 162 **LOAD start date:** 1/6/05 **Times (24hrs):** **Start** 0036 **End** 1008

Condition of screening : **Port** Good **Starboard** Good **Overflow** —

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —

Draghead deflector? YES X NO ___ **Condition of deflector:** _____

Type of material dredged: mud, clay

Weather conditions: cloud cover 50%

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 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):** SSW 5

AIR TEMP: 50 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 55 °C/°F **Column (mid-depth)** _____ °C/°F **Bottom** _____ °C/°F

SCREEN TYPE

X	Inflow screening:	None	25%	50%	75%	100%
—	Overflow screening:	None	25%	50%	75%	100%
—	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, clay, detritus, jetsom

STARBOARD SCREEN CONTENTS: mud, clay, detritus, jetsom

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: Travis Tobey **Observer firm** Coastwise

Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston

CONTRACT #: W912HY-04-C-022 **Maintenance** X **/New Work** _____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine Pass **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean

LOAD #: 163 **LOAD start date:** 1/6/05 **Times (24hrs):** **Start** 1114 **End** 1433

Condition of screening : **Port** Good **Starboard** Good **Overflow** —

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —

Draghead deflector? **YES** X **NO** ___ **Condition of deflector:** _____

Type of material dredged: mud, clay

Weather conditions: cloud cover 80%

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 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):** NNW 5-10

AIR TEMP: 50 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: **Surface** 56 °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: mud, clay, detritus, jetsom

STARBOARD SCREEN CONTENTS: mud, clay, detritus, jetsom

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: Travis Tobey **Observer firm** Coastwise

Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston

CONTRACT #: W912HY-04-C-022 **Maintenance** X /**New Work** ____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine Pass **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean

LOAD #: 164 **LOAD start date:** 1/6/05 **Times (24hrs):** **Start** 1522 **End** 1834

Condition of screening : **Port** Good **Starboard** Good **Overflow** —

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —

Draghead deflector? YES X NO ___ **Condition of deflector:** ____

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: 1-3 ft **Wind (speed & direction):** N S-10

AIR TEMP: 50 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 56 °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: mud, clay, detritus, jetsom

STARBOARD SCREEN CONTENTS: mud, clay, detritus, jetsom

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: Travis Tobey **Observer firm** Coastwise

Observer signature ____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston

CONTRACT #: W912H4-04-C-022 **Maintenance** X **/New Work** _____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine Pass **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean

LOAD #: 165 **LOAD start date:** 1/6/05 **Times (24hrs):** **Start** 1926 **End** 2328

Condition of screening : **Port** Good **Starboard** Good **Overflow** —

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —

Draghead deflector? YES X NO ___ **Condition of deflector:** _____

Type of material dredged: mud, clay

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: 2-5 ft **Wind (speed & direction):** N 10-15

AIR TEMP: 51 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 56 °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: mud, clay, detritus, jetsom

STARBOARD SCREEN CONTENTS: mud, clay, detritus, jetsom

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: Travis Tobey **Observer firm** Coastwise

Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston

CONTRACT #: W912HY-04-C-022 **Maintenance** X **/New Work** _____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine Pass **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean

LOAD #: 166 **LOAD start date:** 1/7/05 **Times (24hrs):** **Start** 0025 **End** 0435

Condition of screening : **Port** Good **Starboard** Good **Overflow** —

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —

Draghead deflector? YES X NO ___ **Condition of deflector:** _____

Type of material dredged: mud, clay

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: 2-5 ft **Wind (speed & direction):** N 10-15

AIR TEMP: 51 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 56 °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: mud, clay, detritus, jetsom

STARBOARD SCREEN CONTENTS: mud, clay, detritus, jetsom

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: Travis Tobey **Observer firm** Coastwise

Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 Maintenance ✓/New Work PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE I

LOAD #: 167 LOAD start date: 1/7/05 DREDGE FIRM: DAN STUYVESANT

Times (24hrs): Start 05:24 End 09:14

Condition of screening : Port GOOD Starboard GOOD Overflow ———

Number of dragheads in use: 2 Type of dragheads used: ——— Size of dragheads: ———

Draghead deflector? YES ✓ NO Condition of deflector: GOOD

Type of material dredged: mud, clay, trash

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: 1-2 ft Wind (speed & direction):

AIR TEMP: 58 °C/(F)

WATER TEMP: Surface 57 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

Column (mid depth) °C/F Bottom °C/F

SCREEN TYPE ✓ Inflow screening: None 25% 50% 75% (100%)

N/A Overflow screening: None 25% 50% 75% 100%

N/A Other screening: None 25% 50% 75% 100%

PORT SCREEN CONTENTS: trash, clay

STARBOARD SCREEN CONTENTS: trash, clay

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 ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: N/A

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

Observer's name: Tu Tran

Observer signature

Observer firm CONSTRUCTION CONSULTANTS, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 Maintenance ✓/New Work _____ PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE I

LOAD #: 168 LOAD start date: 1/7/05 Times (24hrs): Start 1011 End 1416 DREDGE FIRM: BEAN-STUYVESANT

Condition of screening : Port GOOD Starboard GOOD Overflow ———

Number of dragheads in use: 2 Type of dragheads used: ——— Size of dragheads: ———

Draghead deflector? YES ✓ NO ___ Condition of deflector: GOOD

Type of material dredged: MUD, CLAY, TRASH

Weather conditions: FOGGY & RAINY

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/11 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/15

Waves: 1-3 ft Wind (speed & direction): 10-15 KT

AIR TEMP: 59 °(C)/F

WATER TEMP: Surface 58 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32)) Column (mid depth) °C/F Bottom °C/F

SCREEN TYPE ✓

___	Inflow screening:	None	25%	50%	75%	(100%)
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, CLAY, & TRASH

STARBOARD SCREEN CONTENTS: MUD, CLAY & TRASH

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: TRAVIS TOBEY

Observer signature _____ Observer firm CONSTRUCTION CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 Maintenance ✓/New Work

PROJECT NAME: SABINE PASS, TEXAS

PROJECT start date 12-17-04

LOAD #: 169 LOAD start date: 12/7/05

DREDGE NAME: EAGLE I

DREDGE FIRM: BEAN STUYVESANT

Times (24hrs): Start 1504 End 1729

Condition of screening : Port GOOD Starboard GOOD Overflow ____

Number of dragheads in use: 2 Type of dragheads used: ____ Size of dragheads: ____

Draghead deflector? YES ✓ NO ____ Condition of deflector: GOOD

Type of material dredged: MUD, CLAY, TRASH

Weather conditions: CLEAR

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 – <1 knot/ 0 ft
1 – 1- 3 knot/ 0.25 ft
2 – 4- 6 knot/ 0.5 ft
3 – 7-10 knot/ 2 ft
4 – 11-16 knot/ 4 ft
5 – 17-21 knot/ 6 ft
6 – 22-27 knot/10 ft
7 – 28-33 knot/14 ft
8 – 34-40 knot/18 ft
9 – 41-47 knot/23 ft
10 – 48-55 knot/29 ft
11 – 56-63 knot/37 ft
12 – 63 knot/45

Waves: 1-2 ft Wind (speed & direction): 1-5 KT

AIR TEMP: 50 °C/(F)

WATER TEMP: Surface 57 °C/(F) Column (mid depth) °C/F Bottom °C/F

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

SCREEN TYPE

✓ Inflow screening: None 25% 50% 75% (100%)

N/A Overflow screening: None 25% 50% 75% 100%

N/A Other screening: None 25% 50% 75% 100%

PORT SCREEN CONTENTS: MUD, CLAY, & TRASH

STARBOARD SCREEN CONTENTS: MUD, CLAY & TRASH

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ✓

Blue crab ____

JRTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO ✓

ECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

nments: ____

ber observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

rver's name: TRAVIS TOBEY

ver signature [signature]

Observer firm CONSTRUCTION CONSULTANTS, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: GALVESTON DISTRICT

CONTRACT #: W912HN-04-C-0022 Maintenance ✓ /New Work _____ PROJECT start date 12-17-04

PROJECT NAME: SABINE PASS, TEXAS DREDGE NAME: EAGLE I

LOAD #: 170 LOAD start date: 1/7/06 DREDGE FIRM: PAN-STUYVESANT

Times (24hrs): Start 2028 End 2301

Condition of screening: Port GOOD Starboard GOOD Overflow _____

Number of dragheads in use: 2 Type of dragheads used: _____ Size of dragheads: _____

Draghead deflector? YES ✓ NO _____ Condition of deflector: GOOD

Type of material dredged: MUD, CLAY, + TRASH

Weather conditions: CLEAR

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft
1 = 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/35

Waves: 1-3 ft Wind (speed & direction): 5-10 KT

AIR TEMP: 56 °C (F)

WATER TEMP: Surface 58 °C (F) Column (mid depth) °C / F Bottom °C / F

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

SCREEN TYPE

✓ Inflow screening: None 25% 50% 75% (100%)

N/A Overflow screening: None 25% 50% 75% 100%

N/A Other screening: None 25% 50% 75% 100%

PORT SCREEN CONTENTS: MUD, CLAY + TRASH

STARBOARD SCREEN CONTENTS: MUD, CLAY + TRASH

Estimate number entrained on this load for the following:

Sturgeon (any species)

Shark (any species)

Horseshoe crab

Blue crab

/

RTLE OR TURTLE PARTS PRESENT THIS LOAD: YES _____ NO ✓

CIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

ments: _____

ier observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% (100%)

ver's name: TRAVIS ABEL

ver signature _____ Observer firm COASTWISE CONSULTING, INC.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston

CONTRACT #: W912HY-04-C-022 **Maintenance** X **/New Work** ____ **PROJECT start date** 12/17/04

PROJECT NAME: Sabine Pass **DREDGE NAME:** Eagle One

DREDGE FIRM: Bean

LOAD #: 171 **LOAD start date:** 1/8/05 **Times (24hrs):** **Start** 0014 **End** 0245

Condition of screening : **Port** Good **Starboard** Good **Overflow** —

Number of dragheads in use: 2 **Type of dragheads used:** — **Size of dragheads:** —

Draghead deflector? **YES** X **NO** ___ **Condition of deflector:** ____

Type of material dredged: mud, clay

Weather conditions: clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low (Unknown)

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1-3 **ft** **Wind (speed & direction):** NW 5-10

AIR TEMP: 56 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 58 °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: mud, clay, detritus, jetsom

STARBOARD SCREEN CONTENTS: mud, clay, detritus, jetsom

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: Travis Tobey **Observer firm** Coastwise

Observer signature ____