ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: West Palm Beach

CONTRACT #: 912EP05C0030 Maintenance X /New Work ____ PROJECT start date 8-9-05

PROJECT NAME: Port Everglades DREDGE NAME: Dodge Island

DREDGE FIRM: Great Lakes

LOAD #: 01-02 LOAD start date: 8-9 Times (24hrs): Start 1305 1557 End 1405 1940

Condition of screening : Port Good Starboard Good Overflow Good

Number of dragheads in use: 2 Type of dragheads used: New style Size of dragheads: 6

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

Type of material dredged: 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): SW 5-8

AIR TEMP: 91 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: Trash, rock Trash

STARBOARD SCREEN CONTENTS: Trash, rock Trash

Estimate number entrained on this load for the following:

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

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

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

Comments: All inflow boxes clogged. Load two stopped early due to clogged boxes and broke ram.

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

Observer's name: Eric Westerm Observer firm coastwise consulting

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: West Palm Beach
CONTRACT #: 912EP05C0030 Maintenance X /New Work ____ PROJECT start date 8-9-05
PROJECT NAME: Port Everglades DREDGE NAME: Dodge Island
LOAD #: 3, 4, 5 LOAD start date: 8-9, 8-10, 8-10 DREDGE FIRM: Great Lakes
Times (24hrs): Start 2030 0017 0317 End 2216 0145 0434

Condition of screening : Port Good Starboard Good Overflow Good

Number of dragheads in use: 1, 2, 2 Type of dragheads used: New style Size of dragheads: 6
Draghead deflector? YES X, X NO ____ Condition of deflector: Good

Type of material dredged: Mud

Weather conditions: light Airs, Partly Cloudy

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

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

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

Waves: 1 ft Wind (speed & direction): light Airs

AIR TEMP: 87 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 86 °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F
85

SCREEN TYPE

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

PORT SCREEN CONTENTS: Trash, [redacted] Trash Trash

STARBOARD SCREEN CONTENTS: Trash Trash Trash

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

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

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

Comments: 26 05 783 80 07 107 Inflow clogged
26 05 921N 80 07 109 W up

Number observers used/24hrs: 2 ~~1958~~ 128 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: ERIC Westerman Lindsey Loughry Observer firm coastwise consulting
Observer signature [signature] Lindsey Loughry

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: West Palm Beach

CONTRACT #: 912EP05C003 Maintenance X /New Work ____ PROJECT start date 8-9-05

PROJECT NAME: Port Everglades DREDGE NAME: Dodge Island

DREDGE FIRM: Great Lakes

LOAD #: 06 07 08 LOAD start date: 8-10-05 Times (24hrs): Start 0609 0950 End 0809 1022

Condition of screening : Port Good Starboard Good Overflow Good

Number of dragheads in use: 2 Type of dragheads used: New style Size of dragheads: 6'

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

Type of material dredged: mud - Sand

Weather conditions: Partly cloudy

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

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

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

Waves: 2 ft Wind (speed & direction): Light Airs

AIR TEMP: 83 °C/°F 86 (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: Trash Trash Trash

STARBOARD SCREEN CONTENTS: Trash Trash Trash

Estimate number entrained on this load for the following:

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

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

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

Comments: 26 05 952 Load 8 only Port Fwd. + Stb. Aft. inflow being used as other boxes do not fit pins to hold screens shut.
EU 07 131

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

Observer's name: Eric Westerman Lindsey Loughry Observer firm Coastwise Consulting

Observer signature [signature] Lindsey Loughry

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: West Palm Beach

CONTRACT #: 912EP5C00-30 Maintenance X /New Work ____ PROJECT start date 8-9-05

PROJECT NAME: Port Everglades DREDGE NAME: Dodge Island

DREDGE FIRM: Great Lakes

LOAD #: 09,10 LOAD start date: 8-10-05, 8-10-05 Times (24hrs): Start 1647, 2018 End 1846, 2232

Condition of screening : Port Good Starboard Good Overflow Good

Number of dragheads in use: 2 Type of dragheads used: New style Size of dragheads: 6

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

Type of material dredged: mud-sand

Weather conditions: partly cloudy

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

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

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

Waves: 1 ft Wind (speed & direction): light airs

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

WATER TEMP: Surface 86 °C/(°F) Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: Trash Trash, flounder

STARBOARD SCREEN CONTENTS: Trash Trash

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø

Shark (any species) Ø

Horseshoe crab Ø

Blue crab Ø

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

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

Comments: Load 10 approval given to use overflow screening, doors open up.

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

Observer's name: Lindsey Loughry Observer firm Coastwise consulting

Observer signature Lindsey Loughry

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: West Palm Beach
CONTRACT #: 912EP05C003 Maintenance X /New Work _____ PROJECT start date 8-9-05
PROJECT NAME: Port Everglades DREDGE NAME: Dodge Island
DREDGE FIRM: Great Lakes
LOAD #: 11 12 LOAD start date: 8-11-05 Times (24hrs): Start 0012 0400 End 0231 0628

Condition of screening : Port Good Starboard Good Overflow Good

Number of dragheads in use: 2 Type of dragheads used: New style Size of dragheads: 6
Draghead deflector? YES X NO ___ Condition of deflector: Good

Type of material dredged: mud - sand

Weather conditions: Partly cloudy

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

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

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

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

AIR TEMP: 86 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 87 °C/°F Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: Trash Trash

STARBOARD SCREEN CONTENTS: Trash Trash

Estimate number entrained on this load for the following:

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

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

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

Comments: Inflow open

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

Observer's name: ERIC Westerman Observer firm coastwise consulting
Observer signature [signature]
Lindsey Longhry
Lindsey Longhry

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: West Palm Beach

CONTRACT #: 912EP05C0030 Maintenance X /New Work ____ PROJECT start date 8-9-05

PROJECT NAME: Port Everglades DREDGE NAME: Dodge Island

DREDGE FIRM: Great Lakes

LOAD #: 13, 14 LOAD start date: 11Aug05 Times (24hrs): Start 0842 End 1157

Condition of screening : Port Good Starboard Good Overflow Good

Number of dragheads in use: 2,1 Type of dragheads used: New style Size of dragheads: 6

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

Type of material dredged: mud-sand

Weather conditions: partly cloudy

Tidal stage (CIRCLE ONE): Slack Rising 13 High Falling stack 14 Low Unknown

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

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

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

WATER TEMP: Surface 86 °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: TRASH Trash, catfish

STARBOARD SCREEN CONTENTS: TRASH Trash

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø

Shark (any species) Ø

Horseshoe crab Ø

Blue crab Ø

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

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

Comments: overflow screening only, load 14 using only port draghead

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

Observer's name: Lindsey Loughry Observer firm coastwise consulting

Observer signature Lindsey Loughry

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: West Palm Beach

CONTRACT #: 912EP05C0030 Maintenance X /New Work ____ PROJECT start date 8-9-05

PROJECT NAME: Port Everglades DREDGE NAME: Dodge Island

DREDGE FIRM: Great Lakes

LOAD #: 15 / 6 LOAD start date: 8-11 Times (24hrs): Start 1756 2159 End 2027 0108

Condition of screening : Port Good Starboard Good Overflow Good

Number of dragheads in use: 2 Type of dragheads used: New style Size of dragheads: 6

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

Type of material dredged: mud-sand

Weather conditions: Partly cloudy

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

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

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

Waves: 1-2 ft Wind (speed & direction): SE 5-8

AIR TEMP: 91 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: Rock, trash, tire, rope Trash, tire

STARBOARD SCREEN CONTENTS: Rope, rock, trash Trash

Estimate number entrained on this load for the following:

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

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

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

Comments: Large quantities debris in dragheads

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

Observer's name: ERIC Westerman Lindsey Loughry Observer firm coastwise consulting

Observer signature [signature] Lindsey Loughry

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: West Palm Beach
CONTRACT #: 912EP05C003 Maintenance X /New Work ____ PROJECT start date 8-9-05
PROJECT NAME: Port Everglades DREDGE NAME: Dodge Island
DREDGE FIRM: Great Lakes

LOAD #: 17 18 LOAD start date: 12Aug05 Times (24hrs): Start 0234 0611 End 0433 0853

Condition of screening : Port Good Starboard Good Overflow Good

Number of dragheads in use: 2 Type of dragheads used: New style Size of dragheads: 6
Draghead deflector? YES X NO ____ Condition of deflector: ____

Type of material dredged: Mud-sand

Weather conditions: partly cloudy

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

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

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

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

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 76 °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

SCREEN TYPE
X open 18 closed

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

PORT SCREEN CONTENTS: Trash Trash, rock

STARBOARD SCREEN CONTENTS: Trash Trash, Rock

Estimate number entrained on this load for the following:

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

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

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

Comments: Large quantities of debris in dragheads
Door closed Load 18

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

Observer's name: Lindsey Loughry ERIC Westerm Observer firm coastwise consulting
Observer signature Lindsey Loughry Eric Westerm

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: West Palm Beach

CONTRACT #: 912EP05C003 Maintenance X /New Work ____ PROJECT start date 8-9-05

PROJECT NAME: Port Everglades DREDGE NAME: Dodge Island

DREDGE FIRM: Great Lakes

LOAD #: 19 20 LOAD start date: 8-12 Times (24hrs): Start 1046 1446 End 1327 1643

Condition of screening : Port Good Starboard Good Overflow Good

Number of dragheads in use: 2 Type of dragheads used: New style Size of dragheads: 6

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

Type of material dredged: mud-sand

Weather conditions: Partly cloudy

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

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

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

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

AIR TEMP: 94 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

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

SCREEN TYPE

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

PORT SCREEN CONTENTS: catfish, rock, trash trash, rocks

STARBOARD SCREEN CONTENTS: trash, rock, shell trash, rocks

Estimate number entrained on this load for the following:

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X, 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: ERIC Westerman

Observer signature [signature]

Observer firm coastwise consulting

Lindsey Loughry

Lindsey Loughry

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: West Palm Beach

CONTRACT #: 912EP05C0030 Maintenance X /New Work ____ PROJECT start date 8-9-05

PROJECT NAME: Port Everglades DREDGE NAME: Dodge Island

DREDGE FIRM: Great Lakes

LOAD #: 21 22 LOAD start date: 12Aug05 22:12-13 Times (24hrs): Start 1812 2231 End 2140 0043

Condition of screening : Port Good Starboard Good Overflow Good

Number of dragheads in use: 2 Type of dragheads used: New style Size of dragheads: 6

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

Type of material dredged: mud-sand

Weather conditions: partly cloudy

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

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

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

Waves: 1 ft Wind (speed & direction): light airs

AIR TEMP: 87 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: Trash, rocks, rope Trash, catfish, rock

STARBOARD SCREEN CONTENTS: trash, rocks, rope Trash, rock

Estimate number entrained on this load for the following:

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X 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: Lindsey Loughry Observer firm coastwise consulting

Observer signature Lindsey Loughry

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: West Palm Beach
CONTRACT #: 912EP05C0030 Maintenance X /New Work ____ PROJECT start date 8-9-05
PROJECT NAME: Port Everglades DREDGE NAME: Dodge Island
DREDGE FIRM: Great Lakes

LOAD #: 23 24 LOAD start date: 8-13 Times (24hrs): Start 202 End 454
Ø636 Ø925

Condition of screening : Port Good Starboard Good Overflow Good

Number of dragheads in use: 2 Type of dragheads used: New style Size of dragheads: 6
Draghead deflector? YES X NO ____ Condition of deflector: Good

Type of material dredged: Partly cloudy

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): S

AIR TEMP: 87 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 86 °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: Trash, catfish, rock Trash, rock

STARBOARD SCREEN CONTENTS: Trash, rock, rope trash, rock, catfish

Estimate number entrained on this load for the following:

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

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ NO X, 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: ERIC Westerman Observer firm coastwise consulting
Observer signature [signature]

Lindsey Loughry
Lindsey Loughry

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: West Palm Beach
CONTRACT #: 912EP05C0030 Maintenance X /New Work ____ PROJECT start date 8-9-05
PROJECT NAME: Port Everglades DREDGE NAME: Dodge Island
DREDGE FIRM: Great Lakes

LOAD #: 25 26 LOAD start date: 13Aug05 Times (24hrs): Start 1458 2120 End 1848 2100

Condition of screening : Port Good Starboard Good Overflow Good

Number of dragheads in use: 2 Type of dragheads used: New style Size of dragheads: 6
Draghead deflector? YES X NO ____ Condition of deflector: Good

Type of material dredged: mud-sand

Weather conditions: partly cloudy

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

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

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

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

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 91 °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: Trash + rocks (small amounts) Rock, trash

STARBOARD SCREEN CONTENTS: Trash, rocks, rope Rock, Trash, snook

Estimate number entrained on this load for the following:

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

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

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

Comments: 1805 open boxes clogged up Load 26

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

Observer's name: Lindsey Loughry ERIC westerman Observer firm coastwise consulting
Observer signature Lindsey Loughry [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: West Palm Beach
CONTRACT #: 912EP05C0030 Maintenance X /New Work ____ PROJECT start date 8-9-05
PROJECT NAME: Port Everglades DREDGE NAME: Dodge Island
DREDGE FIRM: Great Lakes

LOAD #: 27, 28, 29 LOAD start date: 8-13, 14Aug05, 14Aug05 Times (24hrs): Start 2120, 0125 End 0009, 0348

Condition of screening: Port Good Starboard Good Overflow Good

Number of dragheads in use: 2 Type of dragheads used: New style Size of dragheads: 6
Draghead deflector? YES X NO ____ Condition of deflector: Good

Type of material dredged: mud-sand

Weather conditions: Partly cloudy

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

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

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

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

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 91 °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: Trash Trash Rock catfish Trash

STARBOARD SCREEN CONTENTS: Trash Trash Rock Trash Tire

Estimate number entrained on this load for the following:

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

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

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

Comments: Load 27 open inflow, digging corner rock and trash. Same for load 28. Same for load 29

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

Observer's name: Eric Westerman Observer firm coastwise consulting
Observer signature [signature]
Lindsey Loughry
Lindsey Loughry

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: West Palm Beach

CONTRACT #: 912EP05C0030 Maintenance X /New Work ____ PROJECT start date 8-9-05

PROJECT NAME: Port Everglades DREDGE NAME: Dodge Island

DREDGE FIRM: Great Lakes

LOAD #: 30 31 32 LOAD start date: 8-14 Times (24hrs): Start 0954, 1403 1755 End 1242, 1734 2033

Condition of screening : Port Good Starboard Good Overflow Good

Number of dragheads in use: 2 Type of dragheads used: New style Size of dragheads: 6

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

Type of material dredged: mud-sand

Weather conditions: Partly cloudy

Tidal stage (CIRCLE ONE): Slack 32 Rising 30 31 High Falling Low Unknown

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

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

AIR TEMP: 94 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 89 °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: Snook, Rock, Trash Trash, rocks (mostly) 32 rocks, trash

STARBOARD SCREEN CONTENTS: Trash, rock, tire trash, rocks (mostly) 32 rocks, trash

Estimate number entrained on this load for the following:

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

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

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

Comments: Load 30 digging rock corner, overflow sampling
Load 32 opened inflow half way through load due to large amounts of rock in corner.

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

Observer's name: Eric Westerman Observer firm coastwise consulting

Observer signature [signature]

Lindsey Loughry
Lindsey Loughry

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: West Palm Beach
CONTRACT #: 912EP05C0030 Maintenance X /New Work ____ PROJECT start date 8-9-05
PROJECT NAME: Port Everglades DREDGE NAME: Dodge Island
DREDGE FIRM: Great Lakes

LOAD #: 33 34 LOAD start date: 14Aug05 Times (24hrs): Start 2212 End 0109
0226 0524

Condition of screening : Port Good Starboard Good Overflow Good

Number of dragheads in use: 2 Type of dragheads used: New style Size of dragheads: 6
Draghead deflector? YES X NO ____ Condition of deflector: Good

Type of material dredged: mud-sand

Weather conditions: partly cloudy

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

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

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

Waves: 1-2 ft Wind (speed & direction): S NE - S-10

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 86 °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: Rock, trash Rock, trash

STARBOARD SCREEN CONTENTS: Rock, trash Rock, trash

Estimate number entrained on this load for the following:

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

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

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

Comments: All loads overflow screened due to rocks.

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

Observer's name: Lindsey Loughry / Eric Westerm Observer firm coastwise consulting
Observer signature Lindsey Loughry

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: West Palm Beach
CONTRACT #: 912EP05C0030 Maintenance X /New Work ____ PROJECT start date 8-9-05
PROJECT NAME: Port Everglades DREDGE NAME: Dodge Island
DREDGE FIRM: Great Lakes

LOAD #: 35 36 37 LOAD start date: 15Aug05 Times (24hrs): Start 0711 1135 1633 End 1002 1312 1745

Condition of screening : Port Good Starboard Good Overflow Good

Number of dragheads in use: 2 Type of dragheads used: New style Size of dragheads: 6
Draghead deflector? YES X NO ____ Condition of deflector: Good

Type of material dredged: mud-sand-rock

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): light airs

AIR TEMP: 91 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 86 °C/°F Column (mid-depth) ____ °C/°F Bottom ____ °C/°F

SCREEN TYPE

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

PORT SCREEN CONTENTS: Trash Trash Trash, rock

STARBOARD SCREEN CONTENTS: Trash Trash Trash, rock

Estimate number entrained on this load for the following:

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

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

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

Comments: Overflow used due to large quantities of rock being dredged. Project completed with no incidents.

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

Observer's name: Lindsey Loughry ERIC Westerman Observer firm coastwise consulting
Observer signature: Lindsey Loughry [signature]