ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8 / 11 / 03

Load # 1 Times: Start 1839 End 2045 Dump 2100

Location(lat/long, station) 28°55.28' N 95°16.10' W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) 5-10 KNTS/SW, Flat Seas, 86°F Air, Partly Cloudy

H2O Surf.Temp(C) 83°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: Clear Deflector: Good

Stbd Draghead: Clear Deflector: Good

Port Inflow Discharge, Fore: Mud, Grass Mid: N/A

Port Inflow Discharge, Aft: Mud

Stbd Inflow Discharge, Fore: Mud Mid: N/A

Stbd Inflow Discharge, Aft: Mud

Port (Aft) Skimmer: Wood, other Debris Mid: N/A

~~Stbd (Aft) Skimmer:~~ N/A Mid: N/A

Comments: Begin Dredge Operations - Gates Closed

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Barnport

Project: Freeport Harbor

Date: 8/11/03

Load # 2 Times: Start 2116 End 2223 Dump 2251

Location(lat/long, station) 28°55.28 N 95°16.10'W Tide Stage

Weather (beau SS, wind spd & dir, temp,etc) 5-10 knts/SW, Flat seas, 80°F Air, Partly Cloudy

H2O Surf.Temp(C) 83°F Time Below Mid-Depth(C) Time

Are there incidents involving endangered or protected species? Yes No X

Port Draghead: Clear Deflector: Good

Stbd Draghead: Clear Deflector: Good

Port Inflow Discharge, Fore: Mud, Grass Mid: N/A

Port Inflow Discharge, Aft: Mud

Stbd Inflow Discharge, Fore: Mud Mid: N/A

Stbd Inflow Discharge, Aft: Mud

Port (Aft) Skimmer: Wood, Grass, Other Debris Mid: N/A

~~Stbd (Aft) Skimmer~~: N/A Mid: N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: MV Baxport

Project: Newport Harbor

Date: 8 / 12 / 03

Load # 3 Times: Start 2308 End 0009 Dump 0103

Location(lat/long, station) 28°54.79'N 95°16.40'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) 10 knts/N, 1'-2' seas, 80°F Air,

H2O Surf.Temp(C) 83°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: grass Deflector: Good

Stbd Draghead: grass Deflector: Good

Port Inflow Discharge, Fore: mud, grass Mid: N/a

Port Inflow Discharge, Aft: mud

Stbd Inflow Discharge, Fore: mud, grass Mid: N/a

Stbd Inflow Discharge, Aft: mud

Port (Aft) Skimmer: wood, grass, mud Mid: N/a

Stbd (Aft) Skimmer: N/A Mid: N/a

Comments: –

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame / Alicia Letwich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Newport Harbor

Date: 08/12/03

Load # 4 **Times: Start** 0121 **End** 0223 **Dump** 0259
Location(lat/long, station) N28°54.698 W95°16.315 **Tide Stage** _____
Weather (beau SS, wind spd & dir, temp,etc) 10 knots/N, 1-2' seas, P/C, 80° Air
H2O Surf.Temp(C) 83°F **Time** _____ **Below Mid-Depth(C)** _____ **Time** _____

Are there incidents involving endangered or protected species? **Yes** _____ **No** X

Port Draghead: grass **Deflector:** good
Stbd Draghead: grass **Deflector:** good

Port Inflow Discharge, Fore: mud, grass **Mid:** n/a
Port Inflow Discharge, Aft: mud

Stbd Inflow Discharge, Fore: mud, grass **Mid:** n/a
Stbd Inflow Discharge, Aft: mud

Port (Aft) Skimmer: wood, debris, grass, mud **Mid:** n/a
Stbd (Aft) Skimmer: n/a **Mid:** n/a

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: ALICIA LEFTWICH

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Newport Harbor

Date: 08/12/03

Load # 5 Times: Start 0316 End 04 Dump 0442

Location(lat/long, station) 28 54.708° 95 16.340° Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) N@7 knots, clear, seas 1', air 82°F

H2O Surf.Temp(C) 83°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No ✓

Port Draghead: cable, grass Deflector: good

Stbd Draghead: cable, grass Deflector: good

Port Inflow Discharge, Fore: grass, mud, clay ball Mid: n/a

Port Inflow Discharge, Aft: mud, grass

Stbd Inflow Discharge, Fore: grass, mud Mid: n/a

Stbd Inflow Discharge, Aft: mud

Port (Aft) Skimmer: grass, debris, wood, plastic mud Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: ALICIA LEFTWICH

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Newport Harbor

Date: 08/12/03

Load # 6 Times: Start 0501 End 0616 Dump 0646

Location(lat/long, station) N28 54.777 W 95 16.365 Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) N@ 5, seas 1', 80°F AIR, partly cloudy

H2O Surf.Temp(C) 83°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No ✓

Port Draghead: clear Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: mud, grass Mid: n/a

Port Inflow Discharge, Aft: mud, grass

Stbd Inflow Discharge, Fore: mud, grass Mid: n/a

Stbd Inflow Discharge, Aft: mud, grass

Port (Aft) Skimmer: debris, wood, plastic, mud, grass Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Hetwich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Newport Harbor

Date: 08/22/03

Load # 7 Times: Start 0938 End 1044 Dump 1103

Location(lat/long, station) 28° 54.768 95° 16.392' Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) N@5, gusts 1', mostly cloudy, 80°F air

H2O Surf.Temp(C) 83°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: grass Deflector: good

Stbd Draghead: grass Deflector: good

Port Inflow Discharge, Fore: grass Mid: N/A

Port Inflow Discharge, Aft: grass

Stbd Inflow Discharge, Fore: mud, grass Mid: n/a

Stbd Inflow Discharge, Aft: mud, grass

Port (Aft) Skimmer: mud, wood, debris, grass Mid: N/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments: long break from dredging prior to start of this load for repairs to grating's. Opened up 1/2 of weir grating.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Hetrwick

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Newport Harbor

Date: 08/12/03

Load # 8 Times: Start 1120 End 1223 Dump 1239

Location(lat/long, station) 050+00 - 080+00 Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) 10 knots @ NE, slight 1', overcast, 84°F air

H2O Surf.Temp(C) 84°F Time 1153 Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: Clear Deflector: Good

Stbd Draghead: Clear Deflector: Good

Port Inflow Discharge, Fore: Mud, Grass Mid: N/A

Port Inflow Discharge, Aft: Mud, Grass

Stbd Inflow Discharge, Fore: Mud, Grass Mid: N/A

Stbd Inflow Discharge, Aft: Mud, Grass

Port (Aft) Skimmer: Wood, Plastic, Grass, other Debris Mid: N/A

~~Stbd (Aft) Skimmer~~: N/A Mid: N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	1	4	Trailing the Shrimp trawler

Observers On Duty: Alicia Lattwich / Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Newport Harbor

Date: 8/12/03

Load # 9 Times: Start 1255 End 1355 Dump 1413

Location(lat/long, station) ~~10 knts~~ 050+00 - 080+00 Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) 10 knts/SE, 1' seas, 92°F Air, Partly Cloudy

H2O Surf.Temp(C) 84°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: Grass Deflector: Good

Stbd Draghead: Clear Deflector: Good

Port Inflow Discharge, Fore: Mud Mid: N/A

Port Inflow Discharge, Aft: Mud

Stbd Inflow Discharge, Fore: Mud, Grass Mid: N/A

Stbd Inflow Discharge, Aft: Mud, Grass

Port (Aft) Skimmer: Wood, Mud, Other Debris Mid: N/A

~~Stbd (Aft) Skimmer~~: N/A Mid: N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/U Bayport

Project: Newport Harbor

Date: 8/12/03

Load # 10 Times: Start 1430 End 1528 Dump 1544

Location(lat/long, station) 050+00 - 080+00 Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) 10 knts/SE, 1' seas, 92°F Air, Partly Cloudy

H2O Surf.Temp(C) 84°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: Clear Deflector: Good

Stbd Draghead: Clear Deflector: Good

Port Inflow Discharge, Fore: Mud, Grass Mid: N/A

Port Inflow Discharge, Aft: Mud, Grass

Stbd Inflow Discharge, Fore: Mud, Grass Mid: N/A

Stbd Inflow Discharge, Aft: Mud, Grass

Port (Aft) Skimmer: ~~Aft~~ Wood, Grass, Mud, O. Debris Mid: N/A

~~Stbd (Aft) Skimmer~~: N/A Mid: N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Newport Harbor

Date: 8/12/03

Load # 10 11 Times: Start 1600 End 1700 Dump 1719

Location(lat/long, station) 050+00 - 080+00 Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) 5-10 KNTS/SE, 0-1' seas, 92° Air, Partly Cloudy

H2O Surf Temp(C) 84°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: Clear Deflector: Good

Stbd Draghead: Clear Deflector: Good

Port Inflow Discharge, Fore: Mud Mid: N/A

Port Inflow Discharge, Aft: Mud

Stbd Inflow Discharge, Fore: Mud Mid: N/A

Stbd Inflow Discharge, Aft: Mud

Port (Aft) Skimmer: Wood, Grass, Mud, Other Debris Mid: N/A

~~Stbd (Aft) Skimmer~~: N/A Mid: N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8/12/03

Load # 12 Times: Start 1737 End 1842 Dump 1859

Location(lat/long, station) 050+00 - 080+00 Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) 10 KNTS/SE, Flat seas, 83°F Air, Partly Cloudy

H2O Surf.Temp(C) 84°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: Grass, Plastic Deflector: Good

Stbd Draghead: Clear Deflector: Good

Port Inflow Discharge, Fore: Mud, Grass Mid: N/A

Port Inflow Discharge, Aft: Mud, Grass

Stbd Inflow Discharge, Fore: Mud Mid: N/A

Stbd Inflow Discharge, Aft: Mud

Port (Aft) Skimmer: _____ Mid: N/A

~~Stbd (Aft) Skimmer~~: N/A Mid: N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8/12/03

Load # 13 Times: Start 1915 End 2029 Dump 2045

Location(lat/long, station) 10 KNTS / SE, Flat Seas, 80°F Air, P/CL Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) 050+00 - 080+00

H2O Surf.Temp(C) 84°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: Grass Deflector: Good

Stbd Draghead: Clear Deflector: Good

Port Inflow Discharge, Fore: Mud, Grass Mid: N/A

Port Inflow Discharge, Aft: Mud, Grass

Stbd Inflow Discharge, Fore: Mud, Grass Mid: N/A

Stbd Inflow Discharge, Aft: Mud, Grass

Port (Aft) Skimmer: Mud, Grass, Wood, Other Debris Mid: N/A

~~Stbd (Aft) Skimmer:~~ N/A Mid: N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8 / 12 / 03

Load # 14 Times: Start 2100 End 2208 Dump 2224

Location(lat/long, station) 050+00 - 080+00 Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) 10 KNTS / SE, ~~Flat~~ 1' seas, 80°F Air, P/C.

H2O Surf.Temp(C) 84°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: Grass Deflector: Wood

Stbd Draghead: Clear Deflector: Wood

Port Inflow Discharge, Fore: Mud, Grass Mid: N/A

Port Inflow Discharge, Aft: Mud, Grass

Stbd Inflow Discharge, Fore: Mud, Grass Mid: N/A

Stbd Inflow Discharge, Aft: Mud, Grass

Port (Aft) Skimmer: Wood, mud, other Debris Mid: N/A

~~Stbd (Aft) Skimmer~~: N/A Mid: N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8/12/03

Load # 15 Times: Start 2242 End 2345 Dump 0003

Location(lat/long, station) 050+00 - 080+00 Tide Stage

Weather (beau SS, wind spd & dir, temp,etc) 5-10 KNTS/SE, 1'-2' seas, 80°F Air, P/C

H2O Surf.Temp(C) 84°F Time Below Mid-Depth(C) Time

Are there incidents involving endangered or protected species? Yes No X

Port Draghead: Clear Deflector:

Stbd Draghead: Clear Deflector:

Port Inflow Discharge, Fore: Mud, Grass, Other Debris Mid: N/A

Port Inflow Discharge, Aft: Mud, Grass, Other Debris

Stbd Inflow Discharge, Fore: Mud, Grass, Other Debris Mid: N/A

Stbd Inflow Discharge, Aft: Mud, Grass, Other Debris

Port (Aft) Skimmer: Mid: N/A

~~Stbd (Aft) Skimmer~~: N/A Mid: N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Mill Transport

Project: ~~[illegible]~~ Freeport Harbor

Date: 04 / 13 / 03

Load # 16 Times: Start 0015 End 0115 Dump 0130

Location(lat/long, station) ~~-050+00 080+00~~ Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) calm, partly cloudy, 80°F air, Dev 1'

H2O Surf.Temp(C) 62°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: clear Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: mud, grass, plastic Mid: n/a

Port Inflow Discharge, Aft: mud, grass, plastic

Stbd Inflow Discharge, Fore: mud, grass, plastic Mid: n/a

Stbd Inflow Discharge, Aft: mud, grass, plastic

Port (Aft) Skimmer: mud, grass, debris Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments:

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Lefnick

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08 / 13 / 03

Load # 17 Times: Start 0144 End 0244 Dump 0301
Location(lat/long, station) ~~050700 - 080100~~ Tide Stage _____
Weather (beau SS, wind spd & dir, temp,etc) calm, seas 1', partly cloudy
H2O Surf.Temp(C) 82°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: clear Deflector: good
Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: grass, mud Mid: n/a
Port Inflow Discharge, Aft: grass, mud

Stbd Inflow Discharge, Fore: grass, mud Mid: n/a
Stbd Inflow Discharge, Aft: grass, mud

Port (Aft) Skimmer: grass, mud, wood, debris Mid: n/a
Stbd (Aft) Skimmer: n/a Mid: n/a

Comments:

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Hetrick

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/13/03

Load # 18 Times: Start 0315 End 0412 Dump 0427

Location(lat/long, station) ~~-050+00 -080+00~~ Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) NE @ 2, sea 1', party cloudy, air 80°F

H2O Surf.Temp(C) 82°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No Y

Port Draghead: clear Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: mud, grass Mid: n/a

Port Inflow Discharge, Aft: mud

Stbd Inflow Discharge, Fore: mud, grass Mid: n/a

Stbd Inflow Discharge, Aft: mud

Port (Aft) Skimmer: mud, grass, debris, wood Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: ALICIA LEFTWICH

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: MV Bayport

Project: Freeport Harbor

Date: 08/13/03

Load # 19 Times: Start 0455 End 0609 Dump 0628

Location(lat/long, station) ~~- 050400 - 050400~~ Tide Stage

Weather (beau SS, wind spd & dir, temp,etc) NE @ 5, Seas 1', party cloudy, 80°F air

H2O Surf.Temp(C) 82°F Time Below Mid-Depth(C) Time

Are there incidents involving endangered or protected species? Yes No X

Port Draghead: clear Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: grass, mud Mid: n/a

Port Inflow Discharge, Aft: grass, mud

Stbd Inflow Discharge, Fore: grass, mud Mid: n/a

Stbd Inflow Discharge, Aft: grass, mud

Port (Aft) Skimmer: grass, mud, debris Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments:

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: ALICIA LEFTWICH

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/13/03

Load # 20 Times: Start 0705 End 0813 Dump 0949

Location(lat/long, station) ~~050100 080100~~ Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) NE @10, seas 1-2', partly cloudy, 78°F air

H2O Surf.Temp(C) 82°F Time _____ Below Mid-Depth(C) 0 Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: clear Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: mud, grass Mid: n/a

Port Inflow Discharge, Aft: mud, grass

Stbd Inflow Discharge, Fore: mud, grass Mid: n/a

Stbd Inflow Discharge, Aft: mud, grass

Port (Aft) Skimmer: wood, mud, grass Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Hettwich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/13/03

Load # 21 Times: Start 0842 End 0936 Dump 0949

Location(lat/long, station) ~~[illegible]~~ Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) NE@15, seas 1-2', hazy, 82°F

H2O Surf.Temp(C) 82°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: rope, grass Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: mud, grass Mid: n/a

Port Inflow Discharge, Aft: mud, grass

Stbd Inflow Discharge, Fore: mud, grass Mid: n/a

Stbd Inflow Discharge, Aft: mud

Port (Aft) Skimmer: _____ Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	2	6	swimming in to channel

Observers On Duty: Alicia Hotzwich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/13/03

Load # 22 Times: Start 1003 End 1102 Dump 1115

Location(lat/long, station) ~~-050+00 -080+00~~ Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) NE @ 10, seas 1-2', overcast, air 86°F

H2O Surf.Temp(C) 82°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: clear Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: grass, mud Mid: n/a

Port Inflow Discharge, Aft: grass, mud

Stbd Inflow Discharge, Fore: grass, mud Mid: n/a

Stbd Inflow Discharge, Aft: mud

Port (Aft) Skimmer: mud, debris Mid: n/a

Stbd (Aft) Skimmer: N/a Mid: n/a

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Letowsch

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: NW Bayport

Project: Freeport Harbor

Date: 08/13/03

Load # 23 Times: Start 1128 End 1256 Dump 1309

Location(lat/long, station) ~~050+00 to 080+00~~ Tide Stage

Weather (beau SS, wind spd & dir, temp,etc) Seas 1-2', NE@10, overcast, air 86°F

H2O Surf.Temp(C) 82°F Time Below Mid-Depth(C) Time

Are there incidents involving endangered or protected species? Yes No X

Port Draghead: Clear Deflector: Good

Stbd Draghead: Clear Deflector: Good

Port Inflow Discharge, Fore: Mud, grass Mid: N/A

Port Inflow Discharge, Aft:

Stbd Inflow Discharge, Fore: Mid: N/A

Stbd Inflow Discharge, Aft:

Port (Aft) Skimmer: Wood, Mud, Other Debris Mid: N/A

~~Stbd (Aft) Skimmer~~: N/A Mid: N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Leftwich / Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8/13/03

Load # 24 Times: Start 1335 End 1433 Dump 1528

Location(lat/long, station) 28°54.747'N, 95°16.302'W / 28°55.155'N 95°16.762'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) 10-15 KNT - NE wind, 0-1' seas, 80°F Air, Overcast

H2O Surf.Temp(C) 82°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: Rope Deflector: Wood

Stbd Draghead: Clew Deflector: Wood

Port Inflow Discharge, Fore: Mud, Grass Mid: N/A

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: N/A

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: Wood, mud, other debris Mid: N/A

~~Stbd (Aft) Skimmer~~: N/A Mid: N/A

Comments: Calibration of Drogarms after load caused delay in moving to the dump site.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	1	1	off bow, in ship channel

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8 / 13 / 03

Load # 25 Times: Start 1539 End 1632 Dump 1642

Location(lat/long, station) 28°54.747'N, 95°16.302'W / 28°55.155'N, 95°16.762'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) NE wind @ 10-15 knots, 0'-1' seas, 80°F Air, Overcast w/ rain

H2O Surf.Temp(C) 82°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: Clear Deflector: Good

Stbd Draghead: Clear Deflector: Good

Port Inflow Discharge, Fore: Mud, Grass Mid: N/A

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: N/A

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: Wood, Mud, Grass, Other Debris Mid: N/A

~~Stbd (Aft) Skimmer~~: N/A Mid: N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8/13/03

Load # 26 Times: Start 1655 End 1755 Dump 1805

Location(lat/long, station) 28°54.747'N, 95°16.302'W / 28°55.155'N, 95°16.762'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) NE winds @ 15 knts, 1' seas, 88° F Air, P/C

H2O Surf.Temp(C) 82°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: Clear Deflector: Good

Stbd Draghead: Clear Deflector: Good

Port Inflow Discharge, Fore: Mud, Grass Mid: N/A

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: N/A

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: Wood, Mud, Other Debris Mid: N/A

~~Stbd (Aft) Skimmer~~: N/A Mid: N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8/13/03

Load # 27 Times: Start 1814 End ~~1925~~ 1915 Dump 1925

Location(lat/long, station) 28°54.747'N, 95°16.302'W / 28°55.155'N, 95°16.762'W Tide Stage

Weather (beau SS, wind spd & dir, temp,etc) Calm Winds, Flat Seas, 88°F Air, P/C

H2O Surf.Temp(C) 82°F Time Below Mid-Depth(C) Time

Are there incidents involving endangered or protected species? Yes No X

Port Draghead: Clear Deflector: Good

Stbd Draghead: Clear Deflector: Good

Port Inflow Discharge, Fore: Mud, Grass Mid: N/A

Port Inflow Discharge, Aft:

Stbd Inflow Discharge, Fore: Mid: N/A

Stbd Inflow Discharge, Aft:

Port (Aft) Skimmer: Mid: N/A

~~Stbd (Aft) Skimmer~~: N/A Mid: N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	1	3	In ship Channel

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8/13/03

Load # 28 **Times: Start** 1937 **End** 2032 **Dump** 2047
Location(lat/long, station) 28°54.747'N, 95°16.302'W / 28°55.155'N, 95°16.762'W **Tide Stage** _____
Weather (beau SS, wind spd & dir, temp,etc) Calm winds, Flat seas, 80°F Air, P/C
H2O Surf.Temp(C) 82°F **Time** _____ **Below Mid-Depth(C)** _____ **Time** _____

Are there incidents involving endangered or protected species? **Yes** _____ **No** X

Port Draghead: Clear **Deflector:** Wood
Stbd Draghead: Clear **Deflector:** Wood

Port Inflow Discharge, Fore: Mud, Grass **Mid:** N/A
Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ **Mid:** N/A
Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: Wood, Mud, Other Debris **Mid:** N/A
~~Stbd (Aft) Skimmer~~: N/A **Mid:** N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	1	~12	Inside ship channel

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/U Bayport

Project: Freeport Harbor

Date: 8 / 13 / 03

Load # 29 **Times: Start** 2100 **End** 2200 **Dump** 2207

Location(lat/long, station) 28°54.747'N, 95°16.302'W / 28°55.155'N, 95°16.762'W **Tide Stage** _____

Weather (beau SS, wind spd & dir, temp,etc) Calm winds, Flat seas, 80°F Air, P/C

H2O Surf.Temp(C) 82°F **Time** _____ **Below Mid-Depth(C)** _____ **Time** _____

Are there incidents involving endangered or protected species? **Yes** _____ **No** X

Port Draghead: Clear **Deflector:** Good

Stbd Draghead: Clear **Deflector:** Good

Port Inflow Discharge, Fore: Mud, Grass **Mid:** N/A

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ **Mid:** N/A

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: _____ **Mid:** N/A

~~Stbd (Aft) Skimmer:~~ N/A **Mid:** N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8/13/03

Load # 30 **Times: Start** 2217 **End** 2320 **Dump** 2330

Location(lat/long, station) 28°54.747'N, 95°16.302'W / 28°55.155'N, 95°16.762'W **Tide Stage** _____

Weather (beau SS, wind spd & dir, temp,etc) Calm winds, 1' seas, 84°F Air, P/C

H2O Surf.Temp(C) 82°F **Time** _____ **Below Mid-Depth(C)** _____ **Time** _____

Are there incidents involving endangered or protected species? **Yes** _____ **No** X

Port Draghead: Clear **Deflector:** Good

Stbd Draghead: Clear **Deflector:** Good

Port Inflow Discharge, Fore: Mud, Clay **Mid:** N/A

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ **Mid:** N/A

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: Wood, Mud, Other Debris **Mid:** N/A

Stbd ~~(Aft) Skimmer~~: N/A **Mid:** N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhome

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8 / ~~13~~ 14 / 03

Load # 31 Times: Start 2340 End 0048 Dump 0102

Location(lat/long, station) 28°54.747'N 95°16.302'W / 28°55.155'N 95°16.762' Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) NE @ 15, seas 1-2', cloudy, air 80°F

H2O Surf.Temp(C) 82°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: clear Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: mud, grass Mid: N/A

Port Inflow Discharge, Aft: mud

Stbd Inflow Discharge, Fore: mud, grass Mid: N/A

Stbd Inflow Discharge, Aft: mud

Port (Aft) Skimmer: mud, debris Mid: N/A

Stbd ~~(Aft) Skimmer~~: N/A Mid: N/A

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame / ALICIA LEFTWICH

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayoora

Project: Freeport Harbor

Date: 08/14/03

Load # 32 Times: Start 0117 End 0221 Dump 0234

Location(lat/long, station) 1st cut \ Southbound / Northbound Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) NE@15, seas 2-3', cloudy, 80°F air

H2O Surf.Temp(C) 82°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: clear Deflector: good

Stbd Draghead: grass, wire, cable Deflector: good

Port Inflow Discharge, Fore: mud, grass, shell-gravel mixture Mid: n/a

Port Inflow Discharge, Aft: mud, shell-gravel mixture, grass

Stbd Inflow Discharge, Fore: mud, grass Mid: n/a

Stbd Inflow Discharge, Aft: mud, grass

Port (Aft) Skimmer: _____ Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Letwich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/14/03

Load # 33 Times: Start 0307 End 0407 Dump 0423

Location(lat/long, station) 28°54.747'N 95°16.302'W / 28°55.155'N 95°16.762'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) NE @ 15, Seas 1-2', Cloudy, air 82°F

H2O Surf.Temp(C) 82°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: clear Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: grass, mud Mid: n/a

Port Inflow Discharge, Aft: grass, mud

Stbd Inflow Discharge, Fore: grass, mud Mid: n/a

Stbd Inflow Discharge, Aft: grass, mud

Port (Aft) Skimmer: mud Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments:

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Lefrwich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/14/03

Load # 34 Times: Start 0438 End 0534 Dump 0551

Location(lat/long, station) 28°54.747'N 95°16.302'W / 28°55.155'N 95°16.762'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) rain, NE@ 15, Seas 2-3', air 80° F

H2O Surf.Temp(C) 82°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: plastic Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: mud, grass Mid: n/a

Port Inflow Discharge, Aft: mud

Stbd Inflow Discharge, Fore: mud, grass Mid: n/a

Stbd Inflow Discharge, Aft: mud

Port (Aft) Skimmer: mud, grass, debris Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Lefkowich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V BAYPORT

Project: Freeport Harbor

Date: 08/14/03

Load # 35 Times: Start 0605 End 0701 Dump 0724

Location(lat/long, station) 28°54.747'N 95°16.302'W/28°55.158'N 95°16.762'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) 79°F air, SE 15, Seas 2-3', rain

H2O Surf.Temp(C) 82°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: clear Deflector: good

Stbd Draghead: fishing net Deflector: good

Port Inflow Discharge, Fore: mud, grass Mid: n/a

Port Inflow Discharge, Aft: mud, grass

Stbd Inflow Discharge, Fore: mud, grass Mid: n/a

Stbd Inflow Discharge, Aft: mud, grass

Port (Aft) Skimmer: Mud, grass, wood Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: ALICIA LEFTWICH

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/14/03

Load # 36 Times: Start 0738 End 0834 Dump 0852

Location(lat/long, station) 28°54.747'N 95°16.302'W / 28°55.155'N 95°16.762' Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) rain, SE@15, Beau 2-3', 80°F air

H2O Surf.Temp(C) 82°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: fishing net Deflector: good

Stbd Draghead: fishing net, grass, rope Deflector: good

Port Inflow Discharge, Fore: grass, mud Mid: n/a

Port Inflow Discharge, Aft: grass, mud

Stbd Inflow Discharge, Fore: grass, mud Mid: n/a

Stbd Inflow Discharge, Aft: grass, mud

Port (Aft) Skimmer: grass, mud, wood Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	1	10	swimming in channel

Observers On Duty: Alicia Letnich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/14/03

Load # 37 Times: Start 0908 End 1006 Dump 1020

Location(lat/long, station) 28°54.747'N 95°16.302'W 28°55.155'N 95°16.762'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) air 80°F, Seas 2-3', overcast, SE@15

H2O Surf Temp(C) 82°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: clay Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: mud, grass Mid: n/a

Port Inflow Discharge, Aft: mud, shell, gravel mixture

Stbd Inflow Discharge, Fore: mud, grass Mid: n/a

Stbd Inflow Discharge, Aft: mud

Port (Aft) Skimmer: mud, grass Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Hetzwich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/14/03

Load # 38 Times: Start 1036 End 1133 Dump 1148

Location(lat/long, station) 28°54.747'N95°16.302'W/28°55.155'N95°16.762'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) rain, 80°F air, Aeo 3-4', SE@15

H2O Surf.Temp(C) 82°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: clear Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: mud, grass Mid: n/a

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: n/a

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: _____ Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Leftwich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/19/03

Load # 39 Times: Start 1208 End 1305 Dump 1354

Location(lat/long, station) 28°54.747'N 95°16.302'W/28°55.155'N 95°16.962' Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) overcast, Seas 1-2', SE@5, air 84°F

H2O Surf.Temp(C) 82°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: Clear Deflector: Good

Stbd Draghead: Clear Deflector: Good

Port Inflow Discharge, Fore: Mud, Grass Mid: N/A

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: N/A

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: Wood, Mud, Other Debris Mid: N/A

~~Stbd (Aft) Skimmer~~: N/A Mid: N/A

Comments: ~~None~~

Calibration of Dragarms after load caused delay in moving to the Dump Site.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8/14/03

Load # 40 **Times: Start** 1410 **End** 1536 **Dump** 1610

Location(lat/long, station) ~~NE wind~~ South End - 28°54.747'N, 95°16.302'W **Tide Stage** _____

Weather (beau SS, wind spd & dir, temp,etc) NE Wind @ 15 KNTS, 2'-3' Seas, 85°F Air, Overcast

H2O Surf.Temp(C) 82 °F **Time** _____ **Below Mid-Depth(C)** _____ **Time** _____

Are there incidents involving endangered or protected species? **Yes** _____ **No** X

Port Draghead: Clear **Deflector:** Good

Stbd Draghead: Clear **Deflector:** Good

Port Inflow Discharge, Fore: Mud, Grass **Mid:** N/A

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ **Mid:** N/A

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: Wood, Mud, Other Debris **Mid:** N/A

~~Stbd (Aft) Skimmer~~: N/A **Mid:** N/A

Comments: Starting this load - only the furthest Southern Lat/Long measurements ~~will~~ for the section being dredged will be entered on the individual Load sheets

Both South and North end LAT/LONG measurements for the section or sections will be entered on the Daily Log Sheet.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	1	3	At Dump Site

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8 / 14 / 03

Load # 41 Times: Start 1626 End 1730 Dump 1740

Location(lat/long, station) South End: 28°54.747'N, 95°16.302'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) NE Winds @ 10 KNTS, 2'-3' seas, 90°F Air, P/C

H2O Surf Temp(C) 82°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: Clear Deflector: Wood

Stbd Draghead: Clear Deflector: Wood

Port Inflow Discharge, Fore: Mud, Grass Mid: N/A

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: N/A

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: Wood, Mud, Other Debris Mid: N/A

Stbd (Aft) Skimmer: N/A Mid: N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	1	1	In Ship Channel

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport S Harbor

Date: 8/14/03

Load # 42 Times: Start 1752 End 1853 Dump 1912

Location(lat/long, station) South End: 28°54.747'N, 95°16.302'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) NE Winds @ 10 knots, 2'-3' seas, 90°F Air, P/C

H2O Surf.Temp(C) 82°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: Clear Deflector: Wood

Stbd Draghead: Clear Deflector: Wood

Port Inflow Discharge, Fore: Mud, Grass Mid: N/A

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: N/A

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: Mud, Wood, Other Debris Mid: N/A

~~Stbd (Aft) Skimmer~~: N/A Mid: N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8 / 14 / 03

Load # 43 **Times: Start** 1920 **End** 2015 **Dump** 2030
Location(lat/long, station) South End: 28°54.747'N, 95°16.302'W **Tide Stage** _____
Weather (beau SS, wind spd & dir, temp,etc) NE Winds @ 10 knts, 2'-3' seas, 85°F, P/C
H2O Surf.Temp(C) 82°F **Time** _____ **Below Mid-Depth(C)** _____ **Time** _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: Clear **Deflector:** Good
Stbd Draghead: Clear **Deflector:** Good

Port Inflow Discharge, Fore: Mud, Grass **Mid:** N/A
Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ **Mid:** N/A
Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: Wood, Mud, Other Debris **Mid:** N/A
~~Stbd (Aft) Skimmer~~: N/A **Mid:** N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8/14/03

Load # 44 Times: Start 2040 End 2140 Dump 2150

Location(lat/long, station) South End: 28°54.747'N, 95°16.302'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) NE Winds @ 10 knts, 2'-3' seas, 82°F, P/C

H2O Surf.Temp(C) 82°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: Clear Deflector: Good

Stbd Draghead: Clear Deflector: Good

Port Inflow Discharge, Fore: Mud Mid: N/A

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: N/A

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: Wood, Mud, Other Debris Mid: N/A

~~Stbd (Aft) Skimmer~~: N/A Mid: N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8/14/03

Load # 45 Times: Start 2200 End 2305 Dump 2315

Location(lat/long, station) South End: 28°54.747'N, 95°16.302'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) NE winds @ 10 KNTS, 2'-3' seas, 85°F, P/C

H2O Surf.Temp(C) 82°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: Clear Deflector: Good

Stbd Draghead: Clear Deflector: Good

Port Inflow Discharge, Fore: Mud Mid: N/A

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: N/A

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: Wood, Mud, Other Debris Mid: N/A

~~Stbd (Aft) Skimmer~~: N/A Mid: N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rham

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/U Bayport

Project: Freeport Harbor

Date: 8 / 15 / 03

Load # 46 Times: Start 2320 End 0022 Dump 0036

Location(lat/long, station) Southend: 28°54.747'N, 95°16.302'W Tide Stage

Weather (beau SS, wind spd & dir, temp,etc) NE@10, seas 1-2', D/C

H2O Surf.Temp(C) 82°F Time Below Mid-Depth(C) Time

Are there incidents involving endangered or protected species? Yes No X

Port Draghead: clear Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: muddy water Mid: N/A

Port Inflow Discharge, Aft: muddy

Stbd Inflow Discharge, Fore: muddy water Mid: N/A

Stbd Inflow Discharge, Aft: muddy water

Port (Aft) Skimmer: muddy water Mid: N/A

~~Stbd (Aft) Skimmer~~: N/A Mid: N/A

Comments:

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame / Alicia Leftwich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/15/03

Load # 47 Times: Start 0053 End 0151 Dump 0204

Location(lat/long, station) 28° 54, 947'N 95° 16, 302'W / 28°55.155'N 95°16.762 Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) NE 10, seas 1-2', p/c

H2O Surf.Temp(C) 84°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: clear Deflector: good

Stbd Draghead: rope Deflector: good

Port Inflow Discharge, Fore: mud, grass Mid: n/a

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: n/a

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: _____ Mid: n/a

~~Stbd (Aft) Skimmer~~: n/a Mid: n/a

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: ALICIA LEFTWICH

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: MW Bayport

Project: Freeport Harbor

Date: 08/15/03

Load # 48 Times: Start 0219 End 0317 Dump 0333

Location(lat/long, station) 28054.747'N 95°16.302'W / 28°55.155'N 95°16.762'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) plc, NE@15, seas 2-3'

H2O Surf.Temp(C) 84°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: clear Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: mud, grass Mid: n/a

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: n/a

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: _____ Mid: n/a

~~Stbd (Aft) Skimmer~~: n/a Mid: n/a

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Lefkowich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/15/03

Load # 4/9 Times: Start 0346 End 0442 Dump 0458

Location(lat/long, station) 28°54.747'N 95°16.302'W / 28°55.158'N 95°16.762'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) 80°F air, NE@10, seas 2-3', clear

H2O Surf Temp(C) 84°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: clear Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: mud, grass Mid: n/a

Port Inflow Discharge, Aft: mud, grass/wood, rocks, debris

Stbd Inflow Discharge, Fore: mud, grass Mid: n/a

Stbd Inflow Discharge, Aft: mud, grass

Port (Aft) Skimmer: mud, grass, wood, debris Mid: n/a

Stbd ~~(Aft)~~ Skimmer: n/a Mid: n/a

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Hetrick

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 06/15/03

Load # 50 Times: Start 0526 End 0622 Dump 0633

Location(lat/long, station) 28°54.747'N 95°14.302'W/28°55.155'N 95°16.762'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) air 80°F, Beau 1-2', SE @ 10, clear

H2O Surf.Temp(C) 84°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: clear Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: mud, grass Mid: n/a

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: n/a

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: _____ Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Hetzwich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/15/03

Load # 51 Times: Start 0647 End 0742 Dump 0754

Location(lat/long, station) 28°54.747'N 95°16.302'W/28°55.155'N 95°16.762'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) Seas 1-2', SE@10, clear, air 80°F

H2O Surf.Temp(C) 84°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: clear Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: mud, grass Mid: n/a

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: n/a

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: _____ Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Lefwich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/15/03

Load # 52 Times: Start 0807 End 0909 Dump 0924

Location(lat/long, station) 28°54.747'N 95°16.302'W / 28°54.155'N 95°16.762'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) 90°F, air, [illegible] @ 10, plc

H2O Surf.Temp(C) 84°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: clear Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: Mud Mid: n/a

Port Inflow Discharge, Aft: Mud

Stbd Inflow Discharge, Fore: grass, debris, mud Mid: n/a

Stbd Inflow Discharge, Aft: mud, grass

Port (Aft) Skimmer: Mud, debris Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Hetzrich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/15/03

Load # 53 Times: Start 0938 End 1036 Dump 1047

Location(lat/long, station) 28°54.747'N 95°16.302'W / 28°58.153'N 95°16.702' Tide Stage

Weather (beau SS, wind spd & dir, temp,etc) air 84°F, Beau 2-3, p/c, NE @ 10 knots

H2O Surf.Temp(C) 84°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: clear Deflector: good

Stbd Draghead: head Deflector: good

Port Inflow Discharge, Fore: mud. Mid: n/a

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: n/a

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: _____ Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments:

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	2	1	swimming in channel alongside dredge

Observers On Duty: Alicia Hetzwich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/25/03

Load # 54 Times: Start 1100 End 1130 Dump 1153

Location(lat/long, station) 28°54.747'N 95°16.302'W / 28°55.153'N 95°16.762'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) 96°F, NE@ 8S, E/C, seas 3-4',

H2O Surf.Temp(C) 84°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: clear Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: mud, grass Mid: n/a

Port Inflow Discharge, Aft: ↓

Stbd Inflow Discharge, Fore: Mid: n/a

Stbd Inflow Discharge, Aft: ↓

Port (Aft) Skimmer: Mid: n/a

~~Stbd (Aft)~~ Skimmer: n/a Mid: n/a

Comments: Last load, heading to Galveston, Tx to wait out the storm (Erica). Only made 2 cuts on this load

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	2	5	Swimming in the channel

Observers On Duty: Alicia Leftwich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8 / 16 / 03

Load # 55 Times: Start 2040 End 2147 Dump 2203

Location(lat/long, station) South End: 28°54.747'N, 95°16.302'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) S winds @ 5 knts, 2'-3' seas, 85°F Air, Clear

H2O Surf.Temp(C) _____ Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: Clear Deflector: Good

Stbd Draghead: Clear Deflector: Good

Port Inflow Discharge, Fore: Mud, Grass Mid: N/A

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: N/A

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: Wood, Mud, Other Debris Mid: N/A

~~Stbd (Aft) Skimmer~~: N/A Mid: N/A

Comments: Resuming Dredge Ops: Anchored in Galveston Bay while waiting for T.S. Erica to pass.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8/16/03

Load # 56 Times: Start 2215 End 2315 Dump 2320

Location(lat/long, station) South End: 28°54.747'N, 95°16.302'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) S winds 25 knots, 2'-3' seas, 85°F Air, Clear

H2O Surf.Temp(C) _____ Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: Clear Deflector: Good

Stbd Draghead: Clear Deflector: Good

Port Inflow Discharge, Fore: Mud, Grass Mid: N/A

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: N/A

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: Mud, Grass, Mid: N/A

Stbd ~~(Aft) Skimmer~~: N/A Mid: N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/U Bayport

Project: Freeport Harbor

Date: 8/~~18~~ 17/03

Load # 57 Times: Start 2338 End 0036 Dump 0051

Location(lat/long, station) N046 and 28°55.155'N, 95°16.762'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) clear, seas 2-3', S@5, 85°F

H2O Surf.Temp(C) 84°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No ✗

Port Draghead: mud + grass Deflector: good

Stbd Draghead: _____ Deflector: good

Port Inflow Discharge, Fore: _____ Mid: N/A

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: N/A

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: _____ Mid: N/A

~~Stbd (Aft) Skimmer~~: N/A Mid: N/A

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame / Alicia Leftwich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/17/03

Load # 58 Times: Start 0106 End 0203 Dump 0217

Location(lat/long, station) southeast: 28° 54.747'N 95°16.302'W Tide Stage

Weather (beau SS, wind spd & dir, temp,etc) clear, Gas 1-2', 85°F air, S@5

H2O Surf.Temp(C) 84°F Time Below Mid-Depth(C) Time

Are there incidents involving endangered or protected species? Yes No x

Port Draghead: clear

Stbd Draghead: clear

Deflector: good

Deflector: good

Port Inflow Discharge, Fore: mud + grass

Port Inflow Discharge, Aft:

Mid: N/a

Stbd Inflow Discharge, Fore:

Stbd Inflow Discharge, Aft:

Mid: N/a

Port (Aft) Skimmer:

Stbd (Aft) Skimmer: N/a

Mid: N/a

Mid: N/a

Comments:

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Hetwich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/17/03

Load # 59 Times: Start 0232 End 0329 Dump 0400

Location(lat/long, station) Northend 28°55.155'N, 95°16.762'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) pc, beau 1-2', S@5, 85°F

H2O Surf.Temp(C) 84°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No x

Port Draghead: grass, clam, debris Deflector: good

Stbd Draghead: _____ Deflector: good

Port Inflow Discharge, Fore: _____ Mid: n/a

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: n/a

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: _____ Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Hotwich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/17/03

Load # 60 Times: Start 0414 End 0510 Dump 0525

Location(lat/long, station) Northend: 28°55.155'N, 95016.702' Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) p/c, seas 1-2', SE@5, 88°F air

H2O Surf.Temp(C) 84°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: clear Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: mud & grass Mid: _____

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: _____

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: _____ Mid: _____

Stbd (Aft) Skimmer: n/a Mid: _____

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Hetzwich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/v Bayport

Project: Freeport Harbor

Date: 08/17/03

Load # 61 Times: Start 0538 End 0640 Dump 0651

Location(lat/long, station) Northbound - 28°55.155'N, 95°16.762'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) pk. seas 1-2', SW5, 85°F

H2O Surf.Temp(C) 84°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: clear Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: Mud, grass Mid: n/a

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: n/a

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: _____ Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alisa Lefkowitz

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: MV Bayport

Project: Freeport Harbor

Date: 08/17/03

Load # 62 Times: Start 0703 End 0802 Dump 0815

Location(lat/long, station) Northend: 28°55.155'N, 95°16.762'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) plc, seas 1-2', S@5, air 89°F

H2O Surf.Temp(C) 84°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No ✓

Port Draghead: clear Deflector: good

Stbd Draghead: debris, grass Deflector: good

Port Inflow Discharge, Fore: mud, grass Mid: n/a

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: n/a

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: _____ Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Hetrwick

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/v Bayport

Project: Freeport Harbor

Date: 08/7/03

Load # 63 Times: Start 0826 End 0925 Dump 0935

Location(lat/long, station) 86°F air, swell 2', calm winds Tide Stage

Weather (beau SS, wind spd & dir, temp,etc) 28°55.165'N, 95°16.972'W clear

H2O Surf.Temp(C) 84°F Time Below Mid-Depth(C) Time

Are there incidents involving endangered or protected species? Yes No X

Port Draghead: clay, grass Deflector: good

Stbd Draghead: Deflector: good

Port Inflow Discharge, Fore: Mid: n/a

Port Inflow Discharge, Aft:

Stbd Inflow Discharge, Fore: Mid: n/a

Stbd Inflow Discharge, Aft:

Port (Aft) Skimmer: Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments:

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops	2	3	Swimming in channel

Observers On Duty: Alicia Lehnich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: MV Bayport

Project: Freeport Harbor

Date: 08/17/03

Load # 64 Times: Start 0947 End 1042 Dump 1052

Location(lat/long, station) 28°55.155'N, 95°16.992'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) p/c, seas 1-2', no wind, 92°F air

H2O Surf.Temp(C) 84°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No ✓

Port Draghead: clear Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: mud, grass Mid: n/a

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: n/a

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: _____ Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Hetwich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/17/03

Load # 65 Times: Start 1104 End 1209 Dump 1220

Location(lat/long, station) Northend, 28°55.155'N, 95°16.762'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) 96°F air, pc, seas 1-2', calm wind

H2O Surf.Temp(C) 84°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: Clear Deflector: Good

Stbd Draghead: Clear Deflector: Good

Port Inflow Discharge, Fore: Mud, Grass Mid: n/a

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: n/a

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: Mud, Wood, Other Debris Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Lotarski / Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8/17/03

Load # 66 Times: Start 1232 End 1328 Dump 1336

Location(lat/long, station) South End: 28°54.747'N, 95°16.302'W Tide Stage

Weather (beau SS, wind spd & dir, temp,etc) Calm winds, Flat seas, 92°F Air, P/C

H2O Surf.Temp(C) 84°F Time Below Mid-Depth(C) Time

Are there incidents involving endangered or protected species? Yes No X

Port Draghead: Clear Deflector: Wood

Stbd Draghead: Clear Deflector: Wood

Port Inflow Discharge, Fore: Mud, grass Mid: N/A

Port Inflow Discharge, Aft:

Stbd Inflow Discharge, Fore: Mid: N/A

Stbd Inflow Discharge, Aft:

Port (Aft) Skimmer: Wood, Mud, Other Debris Mid: N/A

~~Stbd (Aft) Skimmer:~~ N/A Mid: N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	1	2	Inside ship channel

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8 / 17 / 03

Load # 67 Times: Start 1350 End 1447 Dump 1503

Location(lat/long, station) South End: 28°54.747'N, 95°16.302'W Tide Stage

Weather (beau SS, wind spd & dir, temp,etc) Calm winds, Flat seas, 92°F Air, P/C

H2O Surf.Temp(C) 84°F Time Below Mid-Depth(C) Time

Are there incidents involving endangered or protected species? Yes No X

Port Draghead: Clear Deflector: Good

Stbd Draghead: Clear Deflector: Good

Port Inflow Discharge, Fore: Mud, Grass Mid: N/A

Port Inflow Discharge, Aft:

Stbd Inflow Discharge, Fore: Mid: N/A

Stbd Inflow Discharge, Aft:

Port (Aft) Skimmer: Mid: N/A

~~Stbd (Aft) Skimmer~~: N/A Mid: N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhum

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8/17/03

Load # 68 **Times: Start** 1515 **End** 1610 **Dump** 1620

Location(lat/long, station) South End: 28°54.747'N, 95°16.302'W **Tide Stage** _____

Weather (beau SS, wind spd & dir, temp,etc) SW winds @ 5 knots, Choppy Flat seas, 94°F Air, 3/C

H2O Surf.Temp(C) 84°F **Time** _____ **Below Mid-Depth(C)** _____ **Time** _____

Are there incidents involving endangered or protected species? **Yes** _____ **No** X

Port Draghead: Grass **Deflector:** Wood

Stbd Draghead: Plastic **Deflector:** Wood

Port Inflow Discharge, Fore: Mud, Grass **Mid:** N/A

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ **Mid:** N/A

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: Wood, Mud, Other Debris **Mid:** N/A

~~Stbd (Aft) Skimmer~~: N/A **Mid:** N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/U Bayport

Project: Freeport Harbor

Date: 8/17/03

Load # 69 Times: Start 1633 End 1731 Dump 1740

Location(lat/long, station) South End: 28°54.747'N, 95°16.302'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) SW winds 2-5 knots, Choppy, Hot seas, 94°F Air, P/C

H2O Surf.Temp(C) 84°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: Clear Deflector: Good

Stbd Draghead: Clear Deflector: Good

Port Inflow Discharge, Fore: Mud, Grass Mid: N/A

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: N/A

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: Wood, Mud, Other Debris Mid: N/A

~~Stbd (Aft) Skimmer~~: N/A Mid: N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhum

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8/17/03

Load # 70 **Times: Start** 1752 **End** 1851 **Dump** 1902

Location(lat/long, station) South End; 28°54.747'N, 95°16.302'W **Tide Stage** _____

Weather (beau SS, wind spd & dir, temp,etc) SW winds 0 5 knots, Small Chop, 92°F Air, P/C

H2O Surf.Temp(C) 84°F **Time** _____ **Below Mid-Depth(C)** _____ **Time** _____

Are there incidents involving endangered or protected species? **Yes** _____ **No** X

Port Draghead: Clear **Deflector:** Good

Stbd Draghead: Clear **Deflector:** Good

Port Inflow Discharge, Fore: Mud, Grass **Mid:** N/A

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ **Mid:** N/A

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: Wood, Mud, Other Debris **Mid:** N/A

~~Stbd (Aft) Skimmer:~~ N/A **Mid:** N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: MV Bayport

Project: Freeport Harbor

Date: 8/17/03

Load # 71 Times: Start 1913 End 2014 Dump 2025

Location(lat/long, station) South End: 28°54.747'N, 95°16.302'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) SW winds @ 5 KNTS, 1' seas, 88°F Air, P/C

H2O Surf Temp(C) 84°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: Clear Deflector: Good

Stbd Draghead: Clear Deflector: Good

Port Inflow Discharge, Fore: Mud, Grass Mid: N/A

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: N/A

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: Wood, Mud, other Debris. Mid: N/A

~~Stbd (Aft) Skimmer~~: N/A Mid: N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhume

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8/17/03

Load # 72 Times: Start 2036 End 2130 Dump 2142

Location(lat/long, station) South End: 28°54.747'N, 95°16.302'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) SW winds @ 10-15 knts, 1-2' seas, 88°F Air, P/C

H2O Surf.Temp(C) 84°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: Clear Deflector: Good

Stbd Draghead: Clear Deflector: Good

Port Inflow Discharge, Fore: Mud, Grass Mid: N/A

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: N/A

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: Wood, Mud, Other Debris Mid: N/A

~~Stbd (Aft) Skimmer~~: N/A Mid: N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8/17/03

Load # 73 Times: Start 2154 End 2252 Dump 2303

Location(lat/long, station) South End: 28°54.747'N, 95°16.302'W Tide Stage

Weather (beau SS, wind spd & dir, temp,etc) SW winds @ 10-15 knots, 2'-3' seas, 88°F. Air, P/C

H2O Surf.Temp(C) 84° F Time Below Mid-Depth(C) Time

Are there incidents involving endangered or protected species? Yes No X

Port Draghead: Clear Deflector: Good

Stbd Draghead: Clear Deflector: Good

Port Inflow Discharge, Fore: Mud, Grass Mid: N/A

Port Inflow Discharge, Aft:

Stbd Inflow Discharge, Fore: Mid: N/A

Stbd Inflow Discharge, Aft:

Port (Aft) Skimmer: Wood, Mud, Other Debris Mid: N/A

Stbd ~~(Aft) Skimmer~~: N/A Mid: N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Rayport

Project: Freeport Harbor

Date: 8/18/03

Load # 74 **Times: Start** 2314 **End** 0011 **Dump** 0026

Location(lat/long, station) Southend: 28°54.747'N, 95°16.302'W **Tide Stage** _____

Weather (beau SS, wind spd & dir, temp,etc) [illegible] 88°F air

H2O Surf. **Temp(C)** 84°F **Time** _____ **Below Mud Depth(C)** _____ **Time** _____

Are there incidents involving endangered or protected species? **Yes** _____ **No** X

Port Draghead: clear **Deflector:** good

Stbd Draghead: clear **Deflector:** good

Port Inflow **Discharge, Fore:** mud, grass **Mid:** N/A

Port Inflow **Discharge, Aft:** _____

Stbd Inflow **Discharge, Fore:** _____ **Mid:** N/A

Stbd Inflow **Discharge, Aft:** _____

Port (Aft) **Skimmer:** _____ **Mid:** N/A

~~Stbd (Aft) Skimmer~~: N/A **Mid:** N/A

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame / Alicia Leftwich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/18/03

Load # 75 Times: Start 0040 End 0135 Dump 0146

Location(lat/long, station) Southend: 28°54.747'N, 95°16.302'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) SW@5, p/c, air 88°F, seas 1-2'

H2O Surf.Temp(C) _____ Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: clear Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: mud, grass Mid: n/a

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: n/a

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: _____ Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Hetzwich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/18/03

Load # 76 Times: Start 0200 End 0253 Dump 0305

Location(lat/long, station) Jetty head: 28°54.747'N, 95°16.302'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) p/c, SW@5, seas 1-2, 88°F air

H2O Surf Temp(C) 86°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: clear Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: mud, grass, debris Mid: n/a

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: n/a

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: _____ Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Lefkowitz

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/18/03

Load # 77 Times: Start 0319 End 0411 Dump 0421

Location(lat/long, station) Southend: 28°54.747'N, 95°16.302'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) SW @ 5, seas 1', plc, 88°F air

H2O Surf.Temp(C) 86°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: clear Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: mud, grass, debris Mid: n/a

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: n/a

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: _____ Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Hetzwich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/18/03

Load # 78 Times: Start 0433 End 0527 Dump 0537

Location(lat/long, station) Southend: 28°54.747'N, 95°16.302'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) SW@5, seas - 1', plc, 88°F air

H2O Surf.Temp(C) 86°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: clear Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: mud, grass Mid: n/a

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: n/a

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: _____ Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Leftwich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/18/03

Load # 79 Times: Start 0548 End 0635 Dump 0645

Location(lat/long, station) Southend: 28°54.747'N, 95°16.302'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) S@5, seas 1', p/c, 85°F air

H2O Surf.Temp(C) 86°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: clear Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: mud, grass Mid: n/a

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: n/a

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: _____ Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Lettwich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/18/03

Load # 80 Times: Start 0655 End 0755 Dump 0803

Location(lat/long, station) Southend: 28°54.747'N, 95°16.302'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) S@5, clear, p/c, 90°F

H2O Surf.Temp(C) 86°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: clear Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: mud, grass Mid: n/a

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: n/a

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: _____ Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Letnick

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/18/03

Load # 81 Times: Start 0818 End 0915 Dump 0926

Location(lat/long, station) Southend: 28°54.747'N, 95°16.302'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) beau 1, p/c, 92°F air, S@5

H2O Surf.Temp(C) 86°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: clear Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: mud, grass Mid: n/a

Port Inflow Discharge, Aft: mud, grass

Stbd Inflow Discharge, Fore: mud, grass, clay Mid: n/a

Stbd Inflow Discharge, Aft: mud, grass

Port (Aft) Skimmer: mud, grass Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments:

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Lefkwich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/18/03

Load # 82 Times: Start 0937 End 1027 Dump 1036

Location(lat/long, station) Southend: 28°54.747'N, 95°16.302'W Tide Stage

Weather (beau SS, wind spd & dir, temp,etc) S @ 5, Seas 1', p/c, air 94°F

H2O Surf.Temp(C) 86°F Time Below Mid-Depth(C) Time

Are there incidents involving endangered or protected species? Yes No x

Port Draghead: clay Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: mud, grass Mid: n/a

Port Inflow Discharge, Aft:

Stbd Inflow Discharge, Fore: Mid: n/a

Stbd Inflow Discharge, Aft:

Port (Aft) Skimmer: Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments:

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Lefwich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/18/03

Load # 83 Times: Start 1051 End 1151 Dump 1204

Location(lat/long, station) Southend: 28°54.347'N, 95°16.302'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) 94°F, S@5, seas 1', p/c

H2O Surf.Temp(C) 86°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: clear Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: mud, grass Mid: n/a

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: n/a

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: _____ Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Lefwich

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/18/03

Load # 84 Times: Start ~~1345~~ 1220 End ~~1430~~ 1317 Dump ~~1444~~ 1330

Location(lat/long, station) Southend: 28° 54.747'N, 95°16.302'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) 98°F air, SE@5, Beau 1, p/c

H2O Surf.Temp(C) 86°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: Clear Deflector: Wood

Stbd Draghead: Clear Deflector: Wood

Port Inflow Discharge, Fore: Mud, Grass Mid: n/a

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: n/a

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: Wood, Mud, Other Debris Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8/18/03

Load # 85 Times: Start 1345 End 1430 Dump 1444

Location(lat/long, station) South End: 28°54.747'N, 95°16.302'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) NW winds @ 5-10 knots, Flat seas, 95°F Air, P/C

H2O Surf.Temp(C) 86°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: Clear Deflector: Good

Stbd Draghead: Clear Deflector: Good

Port Inflow Discharge, Fore: Mud, Grass Mid: N/A

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: N/A

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: _____ Mid: N/A

~~Stbd (Aft) Skimmer~~: N/A Mid: N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8/13/03

Load # 86 Times: Start 1500 End 1556 Dump 1608

Location(lat/long, station) South End: 28°54.747'N, 95°16.302'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) NW winds @ 5-10 KNTS, Flat Seas, 95°F Air, P/C

H2O Surf.Temp(C) 86°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: Clear Deflector: Good

Stbd Draghead: Clear Deflector: Good

Port Inflow Discharge, Fore: Mud, Grass Mid: N/A

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: N/A

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: _____ Mid: N/A

~~Stbd (Aft) Skimmer~~: N/A Mid: N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	2	5	Inside ship channel

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8/18/03

Load # 87 **Times: Start** 1624 **End** 1715 **Dump** 1731

Location(lat/long, station) South End: 28° 54.747'N, 95° 16.302'W **Tide Stage** _____

Weather (beau SS, wind spd & dir, temp,etc) Calm winds & Flat Seas, 88°F Air, P/C

H2O Surf.Temp(C) 86°F **Time** _____ **Below Mid-Depth(C)** _____ **Time** _____

Are there incidents involving endangered or protected species? **Yes** _____ **No** X

Port Draghead: ~~Clear~~ Shrimp Trawl Netting **Deflector:** Good

Stbd Draghead: Clear Grass **Deflector:** Good

Port Inflow Discharge, Fore: Mud, Grass **Mid:** N/A

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ **Mid:** N/A

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: Wood, Mud, other Debris **Mid:** N/A

~~Stbd (Aft) Skimmer~~: N/A **Mid:** N/A

Comments: ~~Now~~

Now dredging next section -50 to 000 and previous section -80 to -50 together.

Same southern end of cut

North end of cut: 28°, 55.751'N
95° 17.409'W

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	2	2	Inside ship channel

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8/18/03

Load # 88 **Times: Start** 1745 **End** 1938 **Dump** 1959

Location(lat/long, station) South End: 28°54.747'N, 95°16.302'W **Tide Stage** _____

Weather (beau SS, wind spd & dir, temp,etc) Calm winds & Flat seas, 88°F Air, P/C

H2O Surf.Temp(C) 86°F **Time** _____ **Below Mid-Depth(C)** _____ **Time** _____

Are there incidents involving endangered or protected species? Yes _____ **No** X

Port Draghead: Clew **Deflector:** Wood

Stbd Draghead: Grass, Rope **Deflector:** Wood

Port Inflow Discharge, Fore: Mud, Grass **Mid:** N/A

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ **Mid:** N/A

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: Wood, Mud, other Debris **Mid:** N/A

~~Stbd (Aft) Skimmer:~~ N/A **Mid:** N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8 / 18 / 03

Load # 89 **Times: Start** 2013 **End** 2207 **Dump** 2220
Location(lat/long, station) South End: 28°54.747'N, 95°16.302'W **Tide Stage** _____
Weather (beau SS, wind spd & dir, temp,etc) Calm winds, Flat Seas, 85°F Air, P/C
H2O Surf.Temp(C) 86°F **Time** _____ **Below Mid-Depth(C)** _____ **Time** _____

Are there incidents involving endangered or protected species? **Yes** _____ **No** X

Port Draghead: Netting **Deflector:** Wood
Stbd Draghead: Netting **Deflector:** Wood

Port Inflow Discharge, Fore: Mud, Grass **Mid:** N/A
Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ **Mid:** N/A
Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: Wood, Mud, Grass **Mid:** N/A
Stbd (Aft) Skimmer: N/A **Mid:** N/A

Comments: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 8/19/03

Load # 90 **Times: Start** 2236 **End** 0027 **Dump** 0054

Location(lat/long, station) South end: 28° 54.747'N, 95°16.302'W **Tide Stage** _____

Weather (beau SS, wind spd & dir, temp,etc) Calm winds and flat seas, 85°F, P/C

H2O Surf.Temp(C) 86°F **Time** _____ **Below Mid-Depth(C)** _____ **Time** _____

Are there incidents involving endangered or protected species? **Yes** _____ **No** X

Port Draghead: clear **Deflector:** good

Stbd Draghead: rope, cable, debris **Deflector:** good

Port Inflow Discharge, Fore: mud, grass **Mid:** N/A

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ **Mid:** N/A

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: _____ **Mid:** N/A

Stbd (Aft) Skimmer: N/A **Mid:** N/A

Comments: _____

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame / ALICIA LEFTWICH

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

Date: 08/19/03

Load # 91 Times: Start 0108 End 0244 Dump 0305

Location(lat/long, station) Underway: 28°55.751'N, 95°17.409'W Tide Stage _____

Weather (beau SS, wind spd & dir, temp,etc) calm winds, seas, plc, 85°F air

H2O Surf.Temp(C) 84°F Time _____ Below Mid-Depth(C) _____ Time _____

Are there incidents involving endangered or protected species? Yes _____ No X

Port Draghead: clear Deflector: good

Stbd Draghead: clear Deflector: good

Port Inflow Discharge, Fore: mud, grass, debris Mid: n/a

Port Inflow Discharge, Aft: _____

Stbd Inflow Discharge, Fore: _____ Mid: n/a

Stbd Inflow Discharge, Aft: _____

Port (Aft) Skimmer: _____ Mid: n/a

Stbd (Aft) Skimmer: n/a Mid: n/a

Comments: Starboard Inflow Discharge, fore, broke. Will only be using stbd. inflow dis, aft for time being.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: ALICIA LOFTWICH

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor

Load # 92 **Times: Start** 0320 **End** 0452 **Dump** 0510 **Date:** 08/19/03
Location(lat/long, station) 28°54.747'N, 95°16.302'W - 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) S@10, Beau 1', p/c, 80°F air
H_2O Surf. Temp (°C) 84°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: mud, grass, debris Deflector: good
Stbd Draghead: Deflector: good
Port Inflow Dis, Fore: Mid: n/a
Port Inflow Dis, Aft:
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Load # 93 **Times: Start** 0575 **End** 0633 **Dump** 0657 **Date:** 08/19/03
Location(lat/long, station) 28°54.747'N, 95°16.302'W - 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) S@10, p/c, Beau 1', 81°F air
H_2O Surf. Temp (°C) 84°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: rope, grass Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: mud, grass, debris Mid: n/a
Port Inflow Dis, Aft:
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Load # 94 **Times: Start** 0715 **End** 0840 **Dump** 0859 **Date:** 08/19/03
Location(lat/long, station) 28°54.747'N, 95°16.302'W - 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) 80°F, S@10, Beau 1', p/c
H_2O Surf. Temp (°C) 84°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: grass, debris Deflector: good
Stbd Draghead: grass Deflector: good
Port Inflow Dis, Fore: mud, grass Mid: n/a
Port Inflow Dis, Aft: mud, grass
Stbd Inflow Dis, Fore: n/a Mid: n/a
Stbd Inflow Dis, Aft: mud, grass
Port (Aft) Skimmer: mud, grass Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: ALICIA LEFTWICH

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor

Load # 95 **Times: Start** 0923 **End** 1115 **Dump** 1132 **Date:** 08/19/03
Location(lat/long, station) 28°55.751'N, 95°17.409'W - 28°54.747'N, 95°16.302'W
Weather (beau SS, wind spd & dir, temp...) 94°F, S@10, P/C, seas 1'
H_2O Surf. Temp (°C) 84° Time ____ Below Mid-Depth ____ Time ____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage ____
Port Draghead: debris, grass Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: mud, grass, debris Mid: n/a
Port Inflow Dis, Aft: mud
Stbd Inflow Dis, Fore: n/a Mid: n/a
Stbd Inflow Dis, Aft: mud, grass, debris
Port (Aft) Skimmer: ↓ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Load # 96 **Times: Start** 1145 **End** 1317 **Dump** 1338 **Date:** 08/19/03
Location(lat/long, station) 28°55.751'N, 95°17.409'W 28°54.747'N, 95°16.302'W
Weather (beau SS, wind spd & dir, temp...) Calm winds + Flat seas, 92°F Air, P/C
H_2O Surf. Temp (°C) 84°F Time ____ Below Mid-Depth ____ Time ____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage ____
Port Draghead: Netting, Grass Deflector: Good
Stbd Draghead: " Deflector: "
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: ↓
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft: ↓
Port (Aft) Skimmer: Wood, Mud, Other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Load # 97 **Times: Start** 1355 **End** 1441 **Dump** 1500 **Date:** 8/19/03
Location(lat/long, station) Southern End: 28°54.747'N, 95°16.302'W
Weather (beau SS, wind spd & dir, temp...) Calm winds + Flat seas, 102°F Air, P/C
H_2O Surf. Temp (°C) 84°F Time ____ Below Mid-Depth ____ Time ____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage ____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Clear Deflector: Good
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: ↓
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft: ↓
Port (Aft) Skimmer: Wood, Mud, Other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments
Tarpon	2	5	swimming in channel - load #95
"	1	12	" - load #96
"	2	8	" - load #97

Observers On Duty: Alicia Leftwich / Ben Rhame

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor

Load # 98 **Times: Start** 1514 **End** 1649 **Dump** ____ **Date:** 8 / 19 / 03
Location(lat/long, station) South End: 28°54.747'N, 95°16.302'W
Weather (beau SS, wind spd & dir, temp...) SE winds @ 10 knts, Flat seas, 92°F Air, P/C
H_2O Surf. Temp (°C) 84°F Time ____ Below Mid-Depth ____ Time ____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage ____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Clear Deflector: Good
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: ↓
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft: ↓
Port (Aft) Skimmer: Wood, Mud, Other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Load # 99 **Times: Start** 1719 **End** 1904 **Dump** 1920 **Date:** 8 / 19 / 03
Location(lat/long, station) South End: 28°54.747'N, 95°16.302'W
Weather (beau SS, wind spd & dir, temp...) SE winds @ 10 knts, Flat seas, 88°F Air, P/C
H_2O Surf. Temp (°C) 84°F Time ____ Below Mid-Depth ____ Time ____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage ____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Clear Deflector: Good
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: ↓
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft: ↓
Port (Aft) Skimmer: Wood, Mud, Other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Load # 100 **Times: Start** 1933 **End** 2057 **Dump** 2113 **Date:** 8 / 19 / 03
Location(lat/long, station) South End: 28°54.747'N, 95°16.302'W
Weather (beau SS, wind spd & dir, temp...) SE winds @ 10 knts, Flat seas, 88°F, P/C
H_2O Surf. Temp (°C) 84°F Time ____ Below Mid-Depth ____ Time ____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage ____
Port Draghead: Netting Deflector: Good
Stbd Draghead: Netting Deflector: Good
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: ↓
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft: ↓
Port (Aft) Skimmer: Wood, Mud, Other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	1	4	Inside ship channel

Observers On Duty: Ben Rhame

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor

Load # 101 **Times: Start** 2129 **End** 2307 **Dump** 2323 **Date:** 8 / 19 / 03
Location(lat/long, station) South End: 28°54.747'N, 95°16.302'W
Weather (beau SS, wind spd & dir, temp...) SE winds @ 10 knts, Flat seas, 85°F, P/C
H_2O Surf. Temp (°C) 84°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Clear Deflector: "
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: Wood, Mud, Other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Load # _____ **Times: Start** _____ **End** _____ **Dump** _____ **Date:** ___/___/___
Location(lat/long, station) _____
Weather (beau SS, wind spd & dir, temp...) _____
H_2O Surf. Temp (°C) _____ Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No ____ Tide Stage _____
Port Draghead: _____ Deflector: _____
Stbd Draghead: _____ Deflector: _____
Port Inflow Dis, Fore: _____ Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Load # _____ **Times: Start** _____ **End** _____ **Dump** _____ **Date:** ___/___/___
Location(lat/long, station) _____
Weather (beau SS, wind spd & dir, temp...) _____
H_2O Surf. Temp (°C) _____ Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No ____ Tide Stage _____
Port Draghead: _____ Deflector: _____
Stbd Draghead: _____ Deflector: _____
Port Inflow Dis, Fore: _____ Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor

Load # 102 **Times: Start** 2340 **End** 0103 **Dump** 0121 **Date:** 8/20/03
Location(lat/long, station) 28°54.747'N, 95°16.302'W – 28°55.751'N, 95°17.405'W
Weather (beau SS, wind spd & dir, temp...) SE @ 10 knots, flat seas, plc, 85°F air
H_2O Surf. Temp (°C) 84°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: — Deflector: good
Stbd Draghead: rope, cable, fishing net, grass Deflector: good
Port Inflow Dis, Fore: — Mid: n/a
Port Inflow Dis, Aft: —
Stbd Inflow Dis, Fore: mud, grass Mid: n/a
Stbd Inflow Dis, Aft: ↓
Port (Aft) Skimmer: ↓ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: Port side operations not used on this load due to engine repair

Load # 103 **Times: Start** 0138 **End** 0254 **Dump** 0318 **Date:** 08/20/03
Location(lat/long, station) 28°54.747'N, 95°16.302'W – 28°55.751'N, 95°17.405'W
Weather (beau SS, wind spd & dir, temp...) SE @ 5, calm seas, plc, 85°F air
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: — Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: — Mid: n/a
Port Inflow Dis, Aft: —
Stbd Inflow Dis, Fore: mud, grass, debris Mid: n/a
Stbd Inflow Dis, Aft: ↓
Port (Aft) Skimmer: ↓ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: Port side still not used due to engine repair.

Load # 104 **Times: Start** 0334 **End** 0451 **Dump** 0515 **Date:** 08/20/03
Location(lat/long, station) 28°54.747'N, 95°16.302'W – 28°55.751'N, 95°17.405'W
Weather (beau SS, wind spd & dir, temp...) SE @ 10, plc, seas 1', air 85°F
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: clear Deflector: good
Stbd Draghead: debris, grass Deflector: good
Port Inflow Dis, Fore: mud, grass, debris Mid: n/a
Port Inflow Dis, Aft: mud
Stbd Inflow Dis, Fore: mud, grass, debris Mid: n/a
Stbd Inflow Dis, Aft: mud
Port (Aft) Skimmer: mud, grass debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: ALICIA LEFTWICH

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor

Load # 105 **Times: Start** 0530 **End** 0640 **Dump** 0713 **Date:** 08/20/03
Location(lat/long, station) 28°54.747'N, 95°16.302'W - 28°55.731'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) SE @ 10, clear 1', p/c, 85°F air
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: rope, fishing net, grass Deflector: good
Stbd Draghead: rope, fishing net, grass Deflector: good
Port Inflow Dis, Fore: mud, grass, debris Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Load # 106 **Times: Start** 0730 **End** 0828 **Dump** 0850 **Date:** 08/20/03
Location(lat/long, station) 28°54.747'N, 95°16.302'W - 28°55.731'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) 86°F air, SW @ 10, clear 1'
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: clear Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: mud, grass, debris Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Load # 107 **Times: Start** 0913 **End** 1058 **Dump** 1115 **Date:** 08/20/03
Location(lat/long, station) 28°54.747'N, 95°16.302'W - 28°55.731'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) p/c, clear 1', SE @ 10, air 88°F
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: clear Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: mud, grass, debris Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: ALICIA LEFTWICH

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor

Load # 108 **Times: Start** 1130 **End** 1250 **Dump** 1313 **Date:** 08/20/03
Location(lat/long, station) 28°54.747'N, 95°16.302'W - 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) SW 5, air 94°F, p/c, seas 1'
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Good
Stbd Draghead: " Deflector: "
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: Wood, Grass, Mud, other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Load # 109 **Times: Start** 1328 **End** 1504 **Dump** 1521 **Date:** 8/20/03
Location(lat/long, station) South End: 28°54.747'N, 95°16.302'W
Weather (beau SS, wind spd & dir, temp...) Calm winds + Flat seas, 98°F Air, P/C
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Good
Stbd Draghead: " Deflector: "
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: Wood, Mud, other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Load # 110 **Times: Start** 1535 **End** 1707 **Dump** 1723 **Date:** 8/20/03
Location(lat/long, station) South End: 28°54.747'N, 95°16.302'W
Weather (beau SS, wind spd & dir, temp...) Calm winds + Flat Seas, 98°F Air, P/C
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Clear Deflector: Good
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: Wood, Mud, other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments	
T. truncatus	4	12	Inside ship channel	#109
"	2	8	"	#110

Observers On Duty: Ben Rhame / Alicia Leftwich

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor

Load # 111 **Times: Start** 1740 **End** 1917 **Dump** 1934 **Date:** 8/20/03
Location(lat/long, station) South End: 28°54.747'N, 95°16.302'W
Weather (beau SS, wind spd & dir, temp...) South winds @ 5 knots, 85°F Air, Flat seas, P/C
H_2O Surf. Temp (°C) 86°F Time ____ Below Mid-Depth ____ Time ____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage ____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Clear Deflector: Good
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: ____
Stbd Inflow Dis, Fore: ____ Mid: n/a
Stbd Inflow Dis, Aft: ____
Port (Aft) Skimmer: Wood, Mud, other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Load # 112 **Times: Start** 1952 **End** 2139 **Dump** 2155 **Date:** 8/20/03
Location(lat/long, station) South End: 28°54.747'N, 95°16.302'W
Weather (beau SS, wind spd & dir, temp...) South winds @ 5 knots, Flat seas, 85°F, P/C
H_2O Surf. Temp (°C) 86°F Time ____ Below Mid-Depth ____ Time ____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage ____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Rope, Netting Deflector: Good
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: ____
Stbd Inflow Dis, Fore: ____ Mid: n/a
Stbd Inflow Dis, Aft: ____
Port (Aft) Skimmer: Wood, Mud, other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Load # 113 **Times: Start** 2213 **End** 2342 **Dump** 2355 **Date:** 8/20/03
Location(lat/long, station) South End: 28°54.747'N, 95°16.302'W
Weather (beau SS, wind spd & dir, temp...) South winds @ 5 knots, Flat seas, 85°F Air, P/C
H_2O Surf. Temp (°C) 86°F Time ____ Below Mid-Depth ____ Time ____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage ____
Port Draghead: ____ Deflector: ____
Stbd Draghead: ____ Deflector: ____
Port Inflow Dis, Fore: ____ Mid: n/a
Port Inflow Dis, Aft: ____
Stbd Inflow Dis, Fore: ____ Mid: n/a
Stbd Inflow Dis, Aft: ____
Port (Aft) Skimmer: ____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: ____

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	3	7	Inside ship channel - # 111

Observers On Duty: Ben Rhame / Alicia Leftwich

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor

Load # 114 **Times: Start** 0018 **End** 0158 **Dump** 0212 **Date:** 8/21/03
Location(lat/long, station) 28°54.747'N, 95°16.302'W - 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) S@10, plc, seas 1', 85°F air
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ___ No X Tide Stage _____
Port Draghead: grass, debris Deflector: good
Stbd Draghead: grass, debris Deflector: good
Port Inflow Dis, Fore: mud, grass, debris Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Load # 115 **Times: Start** 0230 **End** 0353 **Dump** 0411 **Date:** 08/21/03
Location(lat/long, station) 28°54.747'N, 95°16.302'W - 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) S@10, seas 1', plc, air 85°F
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ___ No X Tide Stage _____
Port Draghead: clear Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: grass, mud, debris Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Load # 116 **Times: Start** 0429 **End** 0556 **Dump** 0613 **Date:** 08/21/03
Location(lat/long, station) 28°54.747'N, 95°16.302'W - 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) S@10, seas 1', plc, 85°F air
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ___ No ___ Tide Stage _____
Port Draghead: grass, fishing net Deflector: good
Stbd Draghead: grass, fishing net Deflector: good
Port Inflow Dis, Fore: mud, grass, debris Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Leftwich

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor

Load # 117 **Times: Start** 0628 **End** 0804 **Dump** 0822 **Date:** 08/21/03
Location(lat/long, station) 28°54.747'N, 95°16.302'W - 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) p/c, S@10, seas 1', 91, 87°F
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: clear Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: mud, grass, debris Mid: n/a
Port Inflow Dis, Aft: ↓
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft: ↓
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Load # 118 **Times: Start** 0838 **End** 1008 **Dump** 1023 **Date:** 08/21/03
Location(lat/long, station) 28°54.747'N, 95°16.302'W - 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) 88°F air, SW@5, seas 1', p/c
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: clear Deflector: good
Stbd Draghead: fishing nets, rope, grass Deflector: good
Port Inflow Dis, Fore: mud, grass Mid: n/a
Port Inflow Dis, Aft: mud
Stbd Inflow Dis, Fore: mud, grass Mid: n/a
Stbd Inflow Dis, Aft: mud
Port (Aft) Skimmer: mud, grass, other debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Load # 119 **Times: Start** 1037 **End** 1217 **Dump** 1235 **Date:** 08/21/03
Location(lat/long, station) 28°54.747'N, 95°16.302'W - 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) 96°F air, seas calm, S@5, p/c
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Rope, Fishing net Deflector: Good
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: ↓
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft: ↓
Port (Aft) Skimmer: Wood, Mud, Other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments
Tetramacrits	2	10	swimming in the channel

Observers On Duty: Alicia Leftwich / Ben Rhame

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor
Date: 8 / 21 / 03

Load # 120 **Times: Start** 1252 **End** 1403 **Dump** 1424
Location(lat/long, station) South End: 28°55.054'N, 95°16.665'W
Weather (beau SS, wind spd & dir, temp...) Calm winds & Flat seas, 92°F Air, P/C
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Clear Deflector: Good
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: Wood, Mud, Grass, other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: ~~None~~
* South end of cut now further North at: 28°55.054'N
North end is same as before 95°16.665'W

Load # 121 **Times: Start** 1439 **End** 1603 **Dump** 1618
Location(lat/long, station) South End: 28°55.054'N, 95°16.665'W
Weather (beau SS, wind spd & dir, temp...) Calm winds & Flat seas, 92°F Air, P/C
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Clear Deflector: Good
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: Wood, Mud, other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Load # 122 **Times: Start** 1632 **End** 1839 **Dump** 1853
Location(lat/long, station) South End: 28°55.054'N, 95°16.665'W
Weather (beau SS, wind spd & dir, temp...) Calm winds, Flat seas, 90°F Air, P/C
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Clear Deflector: Good
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: Wood, Mud, Grass, other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	4	15	Inside ship channel - #120
"	3	8	" - #121
"	4	10	" - #122

Observers On Duty: Ben Rhame

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor
Date: 8/21/03

Load # 123 **Times: Start** 1910 **End** 2111 **Dump** 2133
Location(lat/long, station) South End: 28°55.054'N, 95°16.665'W
Weather (beau SS, wind spd & dir, temp...) SE winds at 20+ knts, 1' seas, 85°F, Stormy
H_2O Surf. Temp (°C) 86°F Time Below Mid-Depth Time
Are there incidents involving endangered or protected species? Yes ___ No X Tide Stage
Port Draghead: Clear Deflector: Good
Stbd Draghead: Fishing net Deflector: Good
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft:
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Wood, Mud, Grass, Other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Load # 124 **Times: Start** 2150 **End** 2357 **Dump** 0015
Location(lat/long, station) South End: 28°55.054'N, 95°16.665'W
Weather (beau SS, wind spd & dir, temp...) SE winds @ 20+ knts, 1' seas, 85°F, Overcast w/ squalls
H_2O Surf. Temp (°C) 86°F Time Below Mid-Depth Time
Are there incidents involving endangered or protected species? Yes ___ No X Tide Stage
Port Draghead: Clear Deflector: Good
Stbd Draghead: Clear Deflector: Good
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft:
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Wood, Mud, Grass, Other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Load # ___ **Times: Start** ___ **End** ___ **Dump** ___
Location(lat/long, station)
Weather (beau SS, wind spd & dir, temp...)
H_2O Surf. Temp (°C) ___ Time ___ Below Mid-Depth ___ Time
Are there incidents involving endangered or protected species? Yes ___ No ___ Tide Stage
Port Draghead: Deflector:
Stbd Draghead: Deflector:
Port Inflow Dis, Fore: Mid: n/a
Port Inflow Dis, Aft:
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor
Date: 08 / 22 / 03

Load # 125 **Times: Start** 0034 **End** 0244 **Dump** 0304
Location(lat/long, station) 28°55.751'N, 95°17.409'W - 28°55.054'N, 95°16.666'W
Weather (beau SS, wind spd & dir, temp...) S@13 kts, [illegible], air 80°F, seas 2', overcast
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: clear Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: mud, grass, debris Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Load # 126 **Times: Start** 0330 **End** 0516 **Dump** 0536
Location(lat/long, station) 28°55.751'N, 95°17.409'W - 28°55.054'N, 95°16.666'W
Weather (beau SS, wind spd & dir, temp...) Seas 2', Overcast, SW10, air 80°F
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: clear Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: mud, debris, grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Load # 127 **Times: Start** 0552 **End** 0804 **Dump** 0821
Location(lat/long, station) 28°55.751'N, 95°17.409'W - 28°55.054'N, 95°16.666'W
Weather (beau SS, wind spd & dir, temp...) Seas 1', 80°F fair, p/c, S@10
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: wet, rope, clay Deflector: good
Stbd Draghead: wet, rope, clay Deflector: good
Port Inflow Dis, Fore: mud, grass, debris Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: ALICIA LEFTWICH

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor
Date: 08/22/03

Load # 128 **Times: Start** 0838 **End** 1023 **Dump** 1040
Location(lat/long, station) 28°55.054'N, 95°16.666'W - 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) rain + thunderstorms, NE@15, seas 1', 80°F air
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: clear Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: mud, grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Load # 129 **Times: Start** 1055 **End** 1258 **Dump** 1314
Location(lat/long, station) 28°55.054'N, 95°16.666'W - 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) rain, NE@15, 80°F air, seas 1'
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Clear Deflector: Good
Port Inflow Dis, Fore: Mud, Grass, other Debris Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Load # 130 **Times: Start** 1337 **End** 1524 **Dump** 1539
Location(lat/long, station) South End: 28°55.054'N, 95°16.665'W
Weather (beau SS, wind spd & dir, temp...) SW winds @ 10 knts, 88°F Air, 1' seas, Overcast
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Clear Deflector: Good
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: Wood, Mud, Grass, other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	2	5	swimming in channel

Observers On Duty: ALICIA LEFTWICH, Ben Rhame

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor
Date: 8 / 22 / 03

Load # 131 **Times: Start** 1555 **End** 1741 **Dump** 1759
Location(lat/long, station) South End: 28°55.054'N, 95°16.665'W
Weather (beau SS, wind spd & dir, temp...) SW winds @ 10 knts, 88°F Air, 1' seas, Overcast
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Clear Deflector: Good
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: Wood, Mud, Grass, other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Load # 132 **Times: Start** 1817 **End** 1950 **Dump** 2003
Location(lat/long, station) South End: 28°55.054'N, 95°16.665'W
Weather (beau SS, wind spd & dir, temp...) Calm winds @ Flat seas, 90°F, P/C
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Clear Deflector: Good
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: Wood, Mud, Grass, other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Load # 133 **Times: Start** 2019 **End** 2152 **Dump** 2205
Location(lat/long, station) South End: 28°55.054'N, 95°16.665'W
Weather (beau SS, wind spd & dir, temp...) Calm winds @ Flat seas, 90°F Air, P/C
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Clear Deflector: Good
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: Mud, Wood, Grass, other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor
Date: 8 / 22 / 03

Load # 134 **Times: Start** 2222 **End** 2359 **Dump** 0020
Location(lat/long, station) South End: 28°55.054'N, 95°16.665'W
Weather (beau SS, wind spd & dir, temp...) Calm winds + Flat seas, 88°F Air, Clear
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Clear Deflector: Good
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: Wood, Mud, Grass, other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Load # _____ **Times: Start** _____ **End** _____ **Dump** _____
Location(lat/long, station) _____
Weather (beau SS, wind spd & dir, temp...) _____
H_2O Surf. Temp (°C) _____ Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No ____ Tide Stage _____
Port Draghead: _____ Deflector: _____
Stbd Draghead: _____ Deflector: _____
Port Inflow Dis, Fore: _____ Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Load # _____ **Times: Start** _____ **End** _____ **Dump** _____
Location(lat/long, station) _____
Weather (beau SS, wind spd & dir, temp...) _____
H_2O Surf. Temp (°C) _____ Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No ____ Tide Stage _____
Port Draghead: _____ Deflector: _____
Stbd Draghead: _____ Deflector: _____
Port Inflow Dis, Fore: _____ Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor
Date: 08/23/03

Load # 135 **Times: Start** 0241 **End** 0235 **Dump** 0252
Location(lat/long, station) 28°55.751'N, 95°17.409'W - 28°55.054'N, 95°16.665'W
Weather (beau SS, wind spd & dir, temp...) calm winds, flat seas, clear, 80°F air
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No ____ Tide Stage _____
Port Draghead: clear Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: grass, mud Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Load # 136 **Times: Start** 0307 **End** 0500 **Dump** 0513
Location(lat/long, station) 28°55.751'N, 95°17.409'W - 28°55.054'N, 95°16.665'W
Weather (beau SS, wind spd & dir, temp...) calm winds, flat seas, clear, 80°F air
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: clear Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: mud, grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Load # 137 **Times: Start** 0528 **End** 0659 **Dump** 0713
Location(lat/long, station) 28°55.751'N, 95°17.409'W - 28°55.054'N, 95°16.665'W
Weather (beau SS, wind spd & dir, temp...) no wind, flat seas, pic, 80°F air
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: clear Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: mud, grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	2	7	Inside ship channel

Observers On Duty: Alicia Letzwich

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: MV Bayport
Project: Freeport Harbor
Date: 08/23/03

Load # 138 **Times: Start** 0730 **End** 0940 **Dump** 0953
Location(lat/long, station) 28°55.054'N, 95°16.666'W - 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) calm winds + seas, p/c, 80°F air
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No ✓ Tide Stage _____
Port Draghead: clear Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: mud, grass Mid: n/a
Port Inflow Dis, Aft: mud
Stbd Inflow Dis, Fore: mud, grass, debris Mid: n/a
Stbd Inflow Dis, Aft: mud
Port (Aft) Skimmer: mud, grass, debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Load # 139 **Times: Start** 1010 **End** 1222 **Dump** 1237
Location(lat/long, station) 28°55.054'N, 95°16.666'W - 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) calm winds, flat seas, p/c, 88°F air
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No ✓ Tide Stage _____
Port Draghead: clear Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: mud, grass Mid: n/a
Port Inflow Dis, Aft: ↓
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Load # 140 **Times: Start** 1252 **End** 1454 **Dump** 1511
Location(lat/long, station) 28°55.054'N, 95°16.666'W - 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) calm winds + seas, 92°F air, p/c
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Clear Deflector: Good
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: ↓
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Wood, Mud, Grass, other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	4	10	swimming in channel

Observers On Duty: ALICIA LEFTWICH / Ben Rhame

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor
Date: 9/23/03

Load # 141 **Times: Start** 1527 **End** 1714 **Dump** 1728
Location(lat/long, station) South End: 28° 55.054' N, 95° 16.665' W
Weather (beau SS, wind spd & dir, temp...) Calm winds & Flat seas, 96°F Air temp, P/C
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Clear Deflector: Good
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: Wood, Mud, Grass, other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Load # 142 **Times: Start** 1745 **End** 2004 **Dump** 2019
Location(lat/long, station) South End: 28°55.054' N, 95°16.665' W
Weather (beau SS, wind spd & dir, temp...) SE winds @ 5-10 knots, Flat seas, 96°F Air, P/C
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Clear Deflector: Good
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: Wood, Mud, Grass, other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Load # 143 **Times: Start** 2035 **End** 2242 **Dump** 2259
Location(lat/long, station) South End: 28°55.054' N, 95°16.665' W
Weather (beau SS, wind spd & dir, temp...) SE winds @ 5-10 knots, Flat seas, 96°F Air, P/C
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Clear Deflector: Good
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: Wood, Mud, Grass, other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor
Date: 8 / 24 / 03

Load # 144 **Times: Start** 2319 **End** 0017 **Dump** 0139
Location(lat/long, station) 28°55.054'N, 95°16.666'W - 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) calm winds + seas, clear 85°F air
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: clear Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: mud, grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Load # 145 **Times: Start** 0157 **End** 0330 **Dump** 0348
Location(lat/long, station) 28°55.054'N, 95°16.666'W - 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) calm winds + seas, ~~[illegible]~~, 85°F air, clear
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No ____ Tide Stage _____
Port Draghead: clear Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: mud, grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Load # 146 **Times: Start** 0408 **End** 0548 **Dump** 0604
Location(lat/long, station) 28°55.054'N, 95°16.666'W - 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) calm winds + flat seas, clear, 85°F air
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: fishing net Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: mud, grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Letwich

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor
Date: 08/24/03

Load # 147 **Times: Start** 0632 **End** 0854 **Dump** 0913
Location(lat/long, station) 28°55.054'N, 95°16.666'W - 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) p/c, calm winds + flat seas 85°F air
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: clear Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: Mud, grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Load # 148 **Times: Start** 0930 **End** 1212 **Dump** 1232
Location(lat/long, station) 28°55.054'N, 95°16.666'W - 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) p/c, calm winds + seas, 98°F air
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Clear Deflector: Good
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: Wood, Mud, Grass, other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Load # 149 **Times: Start** 1253 **End** 1435 **Dump** 1450
Location(lat/long, station) South End: 28°55.054'N, 95°16.665'W
Weather (beau SS, wind spd & dir, temp...) SE winds @ 5-10 knts, Flat seas, 92°F, P/C
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Clear Deflector: Good
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: Wood, Mud, Grass, other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	2	5	Inside ship channel

Observers On Duty: ALICIA LEFTWICH / BEN Rhame

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor
Date: 8/24/03

Load # 150 **Times: Start** 1510 **End** 1700 **Dump** 1721
Location(lat/long, station) South End: 28°55.054'N, 95°16.666'W
Weather (beau SS, wind spd & dir, temp...) SE winds @ 5-10 knots, Flat seas, 88°F, P/C
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Wood
Stbd Draghead: Clear Deflector: Wood
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: ↓
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft: ↓
Port (Aft) Skimmer: Wood, Mud, Grass, other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Load # 151 **Times: Start** 1743 **End** 2014 **Dump** 2032
Location(lat/long, station) South End: 28°55.054'N, 95°16.665'W
Weather (beau SS, wind spd & dir, temp...) SE winds @ 5-10 knots, Flat seas, 88°F, P/C
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Wood
Stbd Draghead: Clear Deflector: Wood
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: ↓
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft: ↓
Port (Aft) Skimmer: Wood, Mud, Grass, other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Load # 152 **Times: Start** 2051 **End** 2304 **Dump** 2323
Location(lat/long, station) South End: 28°55.054'N, 95°16.665'W
Weather (beau SS, wind spd & dir, temp...) SE winds @ 5-10 knots, Flat seas, 88°F, P/C
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Wood
Stbd Draghead: Clear Deflector: Wood
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: ↓
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft: ↓
Port (Aft) Skimmer: Wood, Mud, Grass, other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor
Date: 8 / 25 / 03

Load # 153 **Times: Start** 2342 **End** ~~0400~~ 0130 **Dump** 0198
Location(lat/long, station) South End: 28°55.054'N, 95°16.665'W
Weather (beau SS, wind spd & dir, temp...) clear, calm winds, seas 80°F air
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: clear Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: mud, grass Mid: n/a
Port Inflow Dis, Aft: ↓
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Load # 154 **Times: Start** 0207 **End** 0420 **Dump** 0437
Location(lat/long, station) 28°55.054'N, 95°16.665'W - 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) calm winds + seas, clear 80°F air
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: clear Deflector: good
Stbd Draghead: debris Deflector: good
Port Inflow Dis, Fore: mud, grass Mid: n/a
Port Inflow Dis, Aft: ↓
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Load # 155 **Times: Start** 0456 **End** 0646 **Dump** 0703
Location(lat/long, station) 28°55.054'N, 95°16.665'W - 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) calm winds + seas, clear 84°F air
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: clear Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: mud, grass Mid: n/a
Port Inflow Dis, Aft: mud, grass
Stbd Inflow Dis, Fore: mud, grass, rocks Mid: n/a
Stbd Inflow Dis, Aft: mud, grass
Port (Aft) Skimmer: mud, grass Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: ALICIA LEFTWICH / BEN Rhame

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor
Date: 8 / 25 / 03

Load # 156 **Times: Start** 1630 **End** 1825 **Dump** 1841
Location(lat/long, station) South End: 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) SE winds @ 10 knts, Flat seas, 92°F, Clear w/ Haze
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Clear Deflector: Good
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: Wood, Grass, Mud, other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Load # 157 **Times: Start** 1859 **End** 2107 **Dump** 2124
Location(lat/long, station) South End: 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) SE winds @ 10 knts, Flat seas 92°F, Clear
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No ____ Tide Stage _____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Clear Deflector: Good
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: Wood, Mud, Grass, other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Load # 158 **Times: Start** 2142 **End** 2330 **Dump** 2348
Location(lat/long, station) South End: 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) SE winds @ 10 knts, Flat seas, 90°F Clear
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Fishing net Deflector: Good
Stbd Draghead: Clear Deflector: Good
Port Inflow Dis, Fore: Mud, Grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: Wood, Mud, Grass, other Debris Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor
Date: 8 / 26 / 03

Load # 165 **Times: Start** 1440 **End** 1620 **Dump** 1633
Location(lat/long, station) South End: 28°55.054'N, 95°16.665'W
Weather (beau SS, wind spd & dir, temp...) Calm winds & Flat seas, 92°F, P/C
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Clear Deflector: Good
Port Inflow Dis, Fore: Mud, Grass, other Debris Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Load # 166 **Times: Start** 1654 **End** 1920 **Dump** 1936
Location(lat/long, station) South End: 28°55.054'N, 95°16.665'W
Weather (beau SS, wind spd & dir, temp...) Calm winds & Flat seas, 92°F, P/C
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Clear Deflector: Good
Port Inflow Dis, Fore: Mud, Grass, other Debris Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Load # 167 **Times: Start** 1953 **End** 2209 **Dump** 2225
Location(lat/long, station) South End: 28°55.054'N, 95°16.665'W
Weather (beau SS, wind spd & dir, temp...) SE winds @ 10 knots, Flat seas, 82°F, P/C
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Debris, rope Deflector: Good
Port Inflow Dis, Fore: Mud, Grass, other Debris Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor
Date: 8/27/03

Load # 168 **Times: Start** 2224 **End** 0040 **Dump** 0059
Location(lat/long, station) 28°55.054'N, 95°16.665'W - 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) SE winds @ 5-10 knts, flat seas, 88°F, P/C
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: clear Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: Mud, grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Load # 169 **Times: Start** 0118 **End** 0332 **Dump** 0356
Location(lat/long, station) 28°55.054'N, 95°16.665'W - 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) SE @ 10, flat seas, p/c, 88°F air
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: clear Deflector: good
Stbd Draghead: carpet Deflector: good
Port Inflow Dis, Fore: mud, grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Load # 170 **Times: Start** 0414 **End** 0554 **Dump** 0613
Location(lat/long, station) 28°55.054'N 95°16.665'W - 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) SE @ 15, seas 1', overcast, 88°F air
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: clear Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: mud, grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: ALICIA LEFTWICH / BEN RHAME

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor
Date: 08/27/03

Load # 171 **Times: Start** 0630 **End** 0847 **Dump** 0911
Location(lat/long, station) 28°55.054'N, 95°16.665'W - 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) SW@15, p/c, Beau 1, 90°F air
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: tire, fishing nets Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: mud, grass, debris Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Load # 172 **Times: Start** 0932 **End** 1126 **Dump** 1143
Location(lat/long, station) 28°55.054'N, 95°16.665'W - 28°55.751'N, 95°17.405'W
Weather (beau SS, wind spd & dir, temp...) SW@10, Beau 1, p/c, 90°F air
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: clear Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: mud, grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Load # 173 **Times: Start** 1212 **End** 1358 **Dump** 1414
Location(lat/long, station) South End: ~~28°55.140'N, 95°16.760'~~ 28°55.119'N, 95°16.751'W
Weather (beau SS, wind spd & dir, temp...) SW@5, p/c, flat seas, 92°F air
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Clear Deflector: Good
Port Inflow Dis, Fore: Mud, Grass, other Debris Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: ~~None~~ * Now starting southern end of cut farther north: at: 28°55.119'N, 95°16.751'W
North end of cut is still the same

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	5	5	Swimming in channel
"	8	10	"

Observers On Duty: Alicia Letwich

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor
Date: 8 / 27 / 03

Load # 174 **Times: Start** 1432 **End** 1618 **Dump** 1634
Location(lat/long, station) South End of cut: 28°55.119'N, 95°16.751'W
Weather (beau SS, wind spd & dir, temp...) SE winds @ 5-10 KNTS, 94°F, Flat seas, Mostly Cloudy
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Netting, other Junk Deflector: Good
Port Inflow Dis, Fore: Mud, Grass, other Debris Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Load # 175 **Times: Start** 1652 **End** 1912 **Dump** 1926
Location(lat/long, station) South End: 28°55.119'N, 95°16.751'W
Weather (beau SS, wind spd & dir, temp...) SE winds 5-10 KNTS, Flat seas, 94°F, P/C
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Clear Deflector: Good
Port Inflow Dis, Fore: Mud, Grass, other Debris Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Load # 176 **Times: Start** 1942 **End** 2131 **Dump** 2147
Location(lat/long, station) South End: 28°55.119'N, 95°16.75'W
Weather (beau SS, wind spd & dir, temp...) S winds @ 15 KNTS, Choppy seas, 90°F, Mostly Cloudy
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: Clear Deflector: Good
Stbd Draghead: Clear Deflector: Good
Port Inflow Dis, Fore: Mud, Grass, other Debris Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: None

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor
Date: 8/28/03

Load # 177 **Times: Start** 2233 **End** 0034 **Dump** 0054
Location(lat/long, station) South End: 28°55.119'N, 95°16.751'W
Weather (beau SS, wind spd & dir, temp...) S winds @ 10 KNTS, Choppy seas, 88°F, P/C
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: clear Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: mud, grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Load # 178 **Times: Start** 0111 **End** 0308 **Dump** 0326
Location(lat/long, station) 28°55.751'N, 95°17.405'W - 28°55.119'N, 95°16.751'W
Weather (beau SS, wind spd & dir, temp...) SE@15, 1' chop, P/C, 86°F air
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: clear Deflector: good
Stbd Draghead: debris Deflector: good
Port Inflow Dis, Fore: mud, grass, debris Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Load # 179 **Times: Start** 0343 **End** 0536 **Dump** 0551
Location(lat/long, station) 28°55.751'N, 95°17.405'W - 28°55.119'N, 95°16.751'W
Weather (beau SS, wind spd & dir, temp...) P/C, 86°F air, SE@10, 1' chop
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: clear Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: mud, grass, debris Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments
Manatees	3	5	Swimming in channel

Observers On Duty: Ben Rhame / Alicia Lehwich

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor
Date: 08/28/03

Load # 180 **Times: Start** 0606 **End** 0940 **Dump** 0954
Location(lat/long, station) 28°55.751'N, 95°17.409'W - 28°55.119'N, 95°16.751'W
Weather (beau SS, wind spd & dir, temp...) S@5, plc, 1' seas, 88°F air
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: clear Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: Mud, grass Mid: n/a
Port Inflow Dis, Aft: ↓
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Load # 181 **Times: Start** 1010 **End** 1214 **Dump** 1232
Location(lat/long, station) 28°55.751'N, 95°17.409'W - 28°55.119'N, 95°16.751'W
Weather (beau SS, wind spd & dir, temp...) SW@10, seas 1', plc, air
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time ~~2.7~~
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage 2.5
Port Draghead: Deflector:
Stbd Draghead: OK Deflector: OK
Port Inflow Dis, Fore: Grass + debris Mid: n/a
Port Inflow Dis, Aft: ↓
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Load # 182 **Times: Start** 1254 **End** 1458 **Dump** 1509
Location(lat/long, station) Same
Weather (beau SS, wind spd & dir, temp...) P/c, wind (5-20 kts) seas 2-3'
H_2O Surf. Temp (°C) _____ Time _____ Below Mid-Depth _____ Time 2.7
Are there incidents involving endangered or protected species? Yes ____ No ____ Tide Stage _____
Port Draghead: Deflector:
Stbd Draghead: OK Deflector: OK
Port Inflow Dis, Fore: Grass + trash Mid: n/a
Port Inflow Dis, Aft: ↓
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments
T-T.	many	10-20	

Observers On Duty: Alicia Lathrich / Andrew Jackson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: _____

Project: _____

Date: 08/28/03

Load # 183 **Times: Start** 1522 **End** 1723 **Dump** 1733

Location(lat/long, station) 28°55.751'n 95°17.409'W to 28°55.119'n 95°16.751'W

Weather (beau SS, wind spd & dir, temp...) P/C, wind 10-15 kts, Sea 2-3

H_2O Surf. Temp (°C)_____ Time_____ Below Mid-Depth_____ Time_____

Are there incidents involving endangered or protected species? Yes____ No X Tide Stage 2.0

Port Draghead: _____ Deflector: _____

Stbd Draghead: OK Deflector: OK

Port Inflow Dis, Fore: grass & trash Mid: n/a

Port Inflow Dis, Aft: _____

Stbd Inflow Dis, Fore: _____ Mid: n/a

Stbd Inflow Dis, Aft: _____

Port (Aft) Skimmer: _____ Mid: n/a

Std (Fore) Skimmer: n/a Mid: n/a

Comments: _____

Load # 184 **Times: Start** 1749 **End** 2026 **Dump** 2037

Location(lat/long, station) Same

Weather (beau SS, wind spd & dir, temp...) _____

H_2O Surf. Temp (°C)_____ Time_____ Below Mid-Depth_____ Time_____

Are there incidents involving endangered or protected species? Yes____ No X Tide Stage 2.7

Port Draghead: OK Deflector: OK

Stbd Draghead: _____ Deflector: _____

Port Inflow Dis, Fore: Grass Mid: n/a

Port Inflow Dis, Aft: _____

Stbd Inflow Dis, Fore: _____ Mid: n/a

Stbd Inflow Dis, Aft: _____

Port (Aft) Skimmer: _____ Mid: n/a

Std (Fore) Skimmer: n/a Mid: n/a

Comments: _____

Load # 185 **Times: Start** 2051 **End** 2331 **Dump**_____

Location(lat/long, station) Same

Weather (beau SS, wind spd & dir, temp...) P/C, wind 10-15 kts, Sea 1-2'

H_2O Surf. Temp (°C)_____ Time_____ Below Mid-Depth_____ Time_____

Are there incidents involving endangered or protected species? Yes____ No____ Tide Stage_____

Port Draghead: OK Deflector: _____

Stbd Draghead: _____ Deflector: OK

Port Inflow Dis, Fore: Grass Mid: n/a

Port Inflow Dis, Aft: _____

Stbd Inflow Dis, Fore: _____ Mid: n/a

Stbd Inflow Dis, Aft: _____

Port (Aft) Skimmer: _____ Mid: n/a

Std (Fore) Skimmer: n/a Mid: n/a

Comments: _____

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: A. Jackson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bunport
Project: Freeport Harbor
Date: 08/29/03

Load # 186 **Times: Start** 0000 **End** 0154 **Dump** 0212
Location(lat/long, station) 28°55.751'N, 95°17.409'W - 28°55.119'N, 95°16.751'W
Weather (beau SS, wind spd & dir, temp...) seas 1-2', SE @ 10, plc
H_2O Surf. Temp (°C)____ Time____ Below Mid-Depth____ Time____
Are there incidents involving endangered or protected species? Yes____ No X Tide Stage____
Port Draghead: ok Deflector:
Stbd Draghead: Deflector: ok
Port Inflow Dis, Fore: mud, grass Mid: n/a
Port Inflow Dis, Aft:
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Load # 187 **Times: Start** 0236 **End** 0500 **Dump** 0514
Location(lat/long, station) same
Weather (beau SS, wind spd & dir, temp...) plc, seas 1-2', SE @ 15
H_2O Surf. Temp (°C)____ Time____ Below Mid-Depth____ Time____
Are there incidents involving endangered or protected species? Yes____ No X Tide Stage____
Port Draghead: clear Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: mud, grass Mid: n/a
Port Inflow Dis, Aft:
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: loggerhead turtle caught and released on "Two Dides" at 0405.

Load # 188 **Times: Start** 0530 **End** 0754 **Dump** 0810
Location(lat/long, station) 28°54.747'N, 95°16.302'W - 28°55.751'N, 95°17.40[illegible] W
Weather (beau SS, wind spd & dir, temp...) plc, seas 1-2', SE @ 15
H_2O Surf. Temp (°C)____ Time____ Below Mid-Depth____ Time____
Are there incidents involving endangered or protected species? Yes____ No X Tide Stage____
Port Draghead: clear Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: mud, grass Mid: n/a
Port Inflow Dis, Aft:
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: ALICIA LEFTWICH

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor
Date: 08/29/05

Load # 189 **Times: Start** 0827 **End** 1003 **Dump** 1015
Location(lat/long, station) 28°54.747'N, 95°16.302'W - 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) p/c, SQ@15, seas 1-2', 90°F air
H_2O Surf. Temp (°C) 90°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage _____
Port Draghead: clear Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: mud, grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Load # 190 **Times: Start** 1030 **End** 1200 **Dump** 1210
Location(lat/long, station) same
Weather (beau SS, wind spd & dir, temp...) overcast, 90°F air, SQ@10, seas 1-2'
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No ✓ Tide Stage _____
Port Draghead: clear Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: mud, grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Load # 191 **Times: Start** 1232 **End** 1414 **Dump** 1429
Location(lat/long, station) same
Weather (beau SS, wind spd & dir, temp...) Cloudy, wind S-10 KTS, seas 1-2'
H_2O Surf. Temp (°C) _____ Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No ____ Tide Stage EB
Port Draghead: _____ Deflector: _____
Stbd Draghead: _____ Deflector: _____
Port Inflow Dis, Fore: _____ Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	2	5	Swimming in channel

Observers On Duty: Alicia Hetrick

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport
Project: Freeport
Date: 08/29/03

Load # 192 **Times: Start** 1442 **End** 1620 **Dump** 1648
Location(lat/long, station) 28°54.747'N 95°16.392'W TO 28°55.751'N 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) M/C, wind 10-15KTS, Seas 1-2'
H_2O Surf. Temp (°C) 86F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage 3.0
Port Draghead: _____ Deflector: _____
Stbd Draghead: OK Deflector: OK
Port Inflow Dis, Fore: Grass + Trash Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Load # 193 **Times: Start** 1706 **End** 1959 **Dump** 2008
Location(lat/long, station) Same
Weather (beau SS, wind spd & dir, temp...) P/C, wind 10-20KTS, Seas 2-3'
H_2O Surf. Temp (°C) _____ Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage 3.4
Port Draghead: _____ Deflector: _____
Stbd Draghead: OK Deflector: OK
Port Inflow Dis, Fore: Grass Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Load # 194 **Times: Start** 2022 **End** 2236 **Dump** 2247
Location(lat/long, station) Same
Weather (beau SS, wind spd & dir, temp...) P/C, wind 10-20KTS, Seas 2-3'
H_2O Surf. Temp (°C) _____ Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage 2.4
Port Draghead: _____ Deflector: _____
Stbd Draghead: OK Deflector: OK
Port Inflow Dis, Fore: _____ Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: A. Jackson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor
Date: 08/30/03

Load # 195 **Times: Start** 2301 **End** 0140 **Dump** 0155
Location(lat/long, station) 28° 54.747'N, 95°16.302'W to 28°55.751'N, 95°17.409'W
Weather (beau SS, wind spd & dir, temp...) seas 2-3', wind 10-20 kts, p/c
H_2O Surf. Temp (°C)_____ Time_____ Below Mid-Depth_____ Time_____
Are there incidents involving endangered or protected species? Yes____ No X Tide Stage_____
Port Draghead: clear Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: Mud, grass Mid: n/a
Port Inflow Dis, Aft: ↓
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Load # 196 **Times: Start** 0225 **End** 0442 **Dump** 0453
Location(lat/long, station) same
Weather (beau SS, wind spd & dir, temp...) p/c, SW 15, seas 2-3'
H_2O Surf. Temp (°C)_____ Time_____ Below Mid-Depth_____ Time_____
Are there incidents involving endangered or protected species? Yes____ No X Tide Stage_____
Port Draghead: clear Deflector: good
Stbd Draghead: clear Deflector: good
Port Inflow Dis, Fore: Mud, grass Mid: n/a
Port Inflow Dis, Aft: ↓
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Load # 197 **Times: Start** 0505 **End** 0730 **Dump** 0740
Location(lat/long, station) same
Weather (beau SS, wind spd & dir, temp...) SE@20, seas 2-3', p/c,
H_2O Surf. Temp (°C)_____ Time_____ Below Mid-Depth_____ Time_____
Are there incidents involving endangered or protected species? Yes____ No X Tide Stage_____
Port Draghead: ok Deflector: ok
Stbd Draghead: Deflector:
Port Inflow Dis, Fore: mud, grass Mid: n/a
Port Inflow Dis, Aft: ↓
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Letowicz

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor
Date: 08/30/03

Load # 198 **Times: Start** 0753 **End** 1022 **Dump** 1031
Location(lat/long, station) 28°54.747'N 95°26.302'W - 28°55.751'N 95°17.405'W
Weather (beau SS, wind spd & dir, temp...) [illegible] @ 15, seas 1-2', pc, 84°F air
H_2O Surf. Temp (°C)____ Time____ Below Mid-Depth____ Time____
Are there incidents involving endangered or protected species? Yes____ No X Tide Stage____
Port Draghead: ok Deflector: ok
Stbd Draghead: Deflector:
Port Inflow Dis, Fore: mud, grass, trash Mid: n/a
Port Inflow Dis, Aft:
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Load # 199 **Times: Start** 1048 **End** 1242 **Dump** 1252
Location(lat/long, station) same
Weather (beau SS, wind spd & dir, temp...) NE @ 20, seas 1-2', rain/t-storms, 80°F air
H_2O Surf. Temp (°C)____ Time____ Below Mid-Depth____ Time____
Are there incidents involving endangered or protected species? Yes____ No X Tide Stage 2.0
Port Draghead: Deflector:
Stbd Draghead: ok Deflector: ok
Port Inflow Dis, Fore: Mid: n/a
Port Inflow Dis, Aft:
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Load # 200 **Times: Start** 1312 **End** 1527 **Dump** 1543
Location(lat/long, station) same
Weather (beau SS, wind spd & dir, temp...) cloudy, wind 15-20 kts, seas 2-4'
H_2O Surf. Temp (°C)____ Time____ Below Mid-Depth____ Time____
Are there incidents involving endangered or protected species? Yes____ No X Tide Stage 2.0
Port Draghead: Deflector:
Stbd Draghead: ok Deflector: ok
Port Inflow Dis, Fore: Mid: n/a
Port Inflow Dis, Aft:
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: A. Jackson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Cayport
Project: Freeport
Date: 08 / 30 / 03

Load # 201 **Times: Start** 1602 **End** 1729 **Dump** 1740
Location(lat/long, station) 28° 54.747'N 95° 16.302'W TO 28° 55.751'N 95° 17.405'W
Weather (beau SS, wind spd & dir, temp...) Cloudy / Rain, wind 20KTS, Sea
H_2O Surf. Temp (°C)____ Time____ Below Mid-Depth____ Time____
Are there incidents involving endangered or protected species? Yes____ No X Tide Stage 3+6
Port Draghead:____ Deflector:____
Stbd Draghead:____ OK Deflector: OK
Port Inflow Dis, Fore:____ Mid: n/a
Port Inflow Dis, Aft:____
Stbd Inflow Dis, Fore:____ Mid: n/a
Stbd Inflow Dis, Aft:____
Port (Aft) Skimmer:____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:____

Load #____ **Times: Start**____ **End**____ **Dump**____
Location(lat/long, station)____
Weather (beau SS, wind spd & dir, temp...)____
H_2O Surf. Temp (°C)____ Time____ Below Mid-Depth____ Time____
Are there incidents involving endangered or protected species? Yes____ No____ Tide Stage____
Port Draghead:____ Deflector:____
Stbd Draghead:____ Deflector:____
Port Inflow Dis, Fore:____ Mid: n/a
Port Inflow Dis, Aft:____
Stbd Inflow Dis, Fore:____ Mid: n/a
Stbd Inflow Dis, Aft:____
Port (Aft) Skimmer:____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:____

Load #____ **Times: Start**____ **End**____ **Dump**____
Location(lat/long, station)____
Weather (beau SS, wind spd & dir, temp...)____
H_2O Surf. Temp (°C)____ Time____ Below Mid-Depth____ Time____
Are there incidents involving endangered or protected species? Yes____ No____ Tide Stage____
Port Draghead:____ Deflector:____
Stbd Draghead:____ Deflector:____
Port Inflow Dis, Fore:____ Mid: n/a
Port Inflow Dis, Aft:____
Stbd Inflow Dis, Fore:____ Mid: n/a
Stbd Inflow Dis, Aft:____
Port (Aft) Skimmer:____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:____

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: A. Jackson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: MV Bayport
Project: Freeport Harbor
Date: 09/01/03

Load # 202 **Times: Start** 0940 **End** 1250 **Dump** 1304
Location(lat/long, station) 28°54.747'n 95°16.302'w to 28°55.751'n 95° 17.405'w
Weather (beau SS, wind spd & dir, temp...) SE@20, seas 5', overcast w/rain, 78°F air
H_2O Surf. Temp (°C) 86°F Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage 2.6
Port Draghead: _____ Deflector: _____
Stbd Draghead: OK Deflector: OK
Port Inflow Dis, Fore: _____ Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Load # 203 **Times: Start** 1324 **End** 1511 **Dump** 1530
Location(lat/long, station) Same
Weather (beau SS, wind spd & dir, temp...) Cloudy, wind 5-15KT, Seas 2-3'
H_2O Surf. Temp (°C) _____ Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage 1.9
Port Draghead: _____ Deflector: _____
Stbd Draghead: OK Deflector: OK
Port Inflow Dis, Fore: _____ Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Load # 204 **Times: Start** 1542 **End** 1800 **Dump** 1811
Location(lat/long, station) Same
Weather (beau SS, wind spd & dir, temp...) Same
H_2O Surf. Temp (°C) _____ Time _____ Below Mid-Depth _____ Time _____
Are there incidents involving endangered or protected species? Yes ____ No X Tide Stage 2.5
Port Draghead: _____ Deflector: _____
Stbd Draghead: OK Deflector: OK
Port Inflow Dis, Fore: _____ Mid: n/a
Port Inflow Dis, Aft: _____
Stbd Inflow Dis, Fore: _____ Mid: n/a
Stbd Inflow Dis, Aft: _____
Port (Aft) Skimmer: _____ Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: _____

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: A. Jackson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport
Project: Freeport
Date: 09/01/03

Load # 205 **Times: Start** 1829 **End** 2023 **Dump** 2039
Location(lat/long, station) 28°54.747'n 95°16.302'w TO 28°53.357'n 95°17.405'w
Weather (beau SS, wind spd & dir, temp...) P/c, wind S-10KTS, Sea 2-3'
H_2O Surf. Temp (°C)____ Time____ Below Mid-Depth____ Time____
Are there incidents involving endangered or protected species? Yes____ No X Tide Stage 3-1
Port Draghead: OK Deflector:
Stbd Draghead: Deflector: OK
Port Inflow Dis, Fore: Mid: n/a
Port Inflow Dis, Aft:
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Load # 206 **Times: Start** 2056 **End** 2328 **Dump** 2346
Location(lat/long, station) same
Weather (beau SS, wind spd & dir, temp...) P/c, wind S-10KTS, Sea 1-2'
H_2O Surf. Temp (°C)____ Time____ Below Mid-Depth____ Time____
Are there incidents involving endangered or protected species? Yes____ No X Tide Stage____
Port Draghead: Deflector:
Stbd Draghead: OK Deflector: OK
Port Inflow Dis, Fore: Mid: n/a
Port Inflow Dis, Aft:
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Load #____ **Times: Start**____ **End**____ **Dump**____
Location(lat/long, station)
Weather (beau SS, wind spd & dir, temp...)
H_2O Surf. Temp (°C)____ Time____ Below Mid-Depth____ Time____
Are there incidents involving endangered or protected species? Yes____ No____ Tide Stage____
Port Draghead: Deflector:
Stbd Draghead: Deflector:
Port Inflow Dis, Fore: Mid: n/a
Port Inflow Dis, Aft:
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: A. Jackson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport
Project: Freeport Harbor
Date: 09/02/03

Load # 207 **Times: Start** 0000 **End** 0241 **Dump** 0259
Location(lat/long, station) 28°54.747'N, 95°16.302'W to 28°55.751'N, 95°17.405'W
Weather (beau SS, wind spd & dir, temp...) SE@5-10, plc, seas 1'
H_2O Surf. Temp (°C)____ Time____ Below Mid-Depth____ Time____
Are there incidents involving endangered or protected species? Yes____ No X Tide Stage____
Port Draghead: OK Deflector: OK
Stbd Draghead: Deflector:
Port Inflow Dis, Fore: mud, grass Mid: n/a
Port Inflow Dis, Aft:
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Load # 208 **Times: Start** 0314 **End** 0511 **Dump** 0530
Location(lat/long, station) same
Weather (beau SS, wind spd & dir, temp...) SE@5, seas 1', plc, 80°F air
H_2O Surf. Temp (°C)____ Time____ Below Mid-Depth____ Time____
Are there incidents involving endangered or protected species? Yes____ No X Tide Stage____
Port Draghead: ok Deflector: ok
Stbd Draghead: Deflector:
Port Inflow Dis, Fore: mud, grass Mid: n/a
Port Inflow Dis, Aft:
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Load # 209 **Times: Start** 0544 **End** 0730 **Dump** 0748
Location(lat/long, station) same
Weather (beau SS, wind spd & dir, temp...) SE@10, seas 1', plc, 80°F air
H_2O Surf. Temp (°C)____ Time____ Below Mid-Depth____ Time____
Are there incidents involving endangered or protected species? Yes____ No X Tide Stage____
Port Draghead: ok Deflector: ok
Stbd Draghead: Deflector:
Port Inflow Dis, Fore: mud, grass Mid: n/a
Port Inflow Dis, Aft:
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments: Trawler "Two Riders" caught a loggerhead turtle and released it at 0557.

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Lehrich

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: MV Bayport
Project: Freeport Harbor
Date: 09/02/03

Load # 210 **Times: Start** 0806 **End** 1014 **Dump** 1032
Location(lat/long, station) 28°55.751'N, 95°17.409'W to 28°55.054'N, 95°16.665'W
Weather (beau SS, wind spd & dir, temp...) 6@5, [illegible], p/c, 85°F air
H_2O Surf. Temp (°C)____ Time____ Below Mid-Depth____ Time____
Are there incidents involving endangered or protected species? Yes____ No X Tide Stage____
Port Draghead: OK Deflector:
Stbd Draghead: Deflector: OK
Port Inflow Dis, Fore: mud, [illegible] Mid: n/a
Port Inflow Dis, Aft:
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Load # 211 **Times: Start** 1052 **End** 1320 **Dump** 1340
Location(lat/long, station) Same
Weather (beau SS, wind spd & dir, temp...) S@10, seas calm, M/C, 94°F air
H_2O Surf. Temp (°C) 86°F Time 1021 Below Mid-Depth____ Time____
Are there incidents involving endangered or protected species? Yes____ No X Tide Stage 2-3
Port Draghead: Deflector:
Stbd Draghead: OK Deflector: OK
Port Inflow Dis, Fore: Mid: n/a
Port Inflow Dis, Aft:
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Load # 212 **Times: Start** 1354 **End** 1702 **Dump** 1716
Location(lat/long, station) Same
Weather (beau SS, wind spd & dir, temp...) P/C, wind 5-10kts, sea 1-2'
H_2O Surf. Temp (°C)____ Time____ Below Mid-Depth____ Time____
Are there incidents involving endangered or protected species? Yes____ No X Tide Stage____
Port Draghead: Deflector:
Stbd Draghead: OK Deflector: OK
Port Inflow Dis, Fore: Mid: n/a
Port Inflow Dis, Aft:
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Alicia Lefwich / A Jackson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport
Project: Freeport
Date: 09/02/03

Load # 213 **Times: Start** 1734 **End** 1953 **Dump** 2007
Location(lat/long, station) 28°54.747'n 95°16.302'w TO 28°55.757'n 95°17.405'w
Weather (beau SS, wind spd & dir, temp...) P/C, wind 5-10 KTS, sea 1'
H_2O Surf. Temp (°C)____ Time____ Below Mid-Depth____ Time____
Are there incidents involving endangered or protected species? Yes____ No X Tide Stage 2.4
Port Draghead: OK Deflector:
Stbd Draghead: Deflector: OK
Port Inflow Dis, Fore: Mid: n/a
Port Inflow Dis, Aft:
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Load # 214 **Times: Start** 2023 **End** 2221 **Dump** 2235
Location(lat/long, station) same
Weather (beau SS, wind spd & dir, temp...) P/C, wind 5-10 KTS, sea 1'
H_2O Surf. Temp (°C)____ Time____ Below Mid-Depth____ Time____
Are there incidents involving endangered or protected species? Yes____ No X Tide Stage 3.1
Port Draghead: OK Deflector:
Stbd Draghead: Deflector: OK
Port Inflow Dis, Fore: Mid: n/a
Port Inflow Dis, Aft:
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Load #____ **Times: Start**____ **End**____ **Dump**____
Location(lat/long, station)
Weather (beau SS, wind spd & dir, temp...)
H_2O Surf. Temp (°C)____ Time____ Below Mid-Depth____ Time____
Are there incidents involving endangered or protected species? Yes____ No____ Tide Stage____
Port Draghead: Deflector:
Stbd Draghead: Deflector:
Port Inflow Dis, Fore: Mid: n/a
Port Inflow Dis, Aft:
Stbd Inflow Dis, Fore: Mid: n/a
Stbd Inflow Dis, Aft:
Port (Aft) Skimmer: Mid: n/a
Std (Fore) Skimmer: n/a Mid: n/a
Comments:

Bridge Watch summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: A. Jackson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 215 Date 09 / 03 / 03 Start 2250 End 0104 Dump 0120

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) pic, 80°F air, calm seas + winds

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead OK Deflector OK

Stbd Draghead Deflector

Port Inflow, Fore mud, grass, trash

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 216 Date 09 / 03 / 03 Start 0135 End 0350 Dump 0404

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) pic, 80°F air, calm seas + winds

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead OK Deflector OK

Stbd Draghead Deflector

Port Inflow, Fore mud, grass, trash

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 217 Date 09 / 03 / 03 Start 0420 End 0647 Dump 0702

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) pic, calm seas, SE@5, 80°F air

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead OK Deflector OK

Stbd Draghead Deflector

Port Inflow, Fore mud, grass, trash

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Alicia Leftwich

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 218 Date 09/03/03 Start 0715 End 0945 Dump 1000

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 84°F air, least winds calm, P/C

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead trash Deflector

Stbd Draghead trash Deflector ok

Port Inflow, Fore mud, trash, grass

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 219 Date 09/03/03 Start 1017 End 1215 Dump 1225

28°54.747'N 95°16.302'W to 28°55.155'N 95°16.762'W

Location (lat/long, stations) ~~28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W~~ Tide Stage 1.6

Weather (wind dir, beaufort, sea state, temp, etc.) 86°F air, P/C, 1' swell, SE @ 5

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Deflector

Stbd Draghead ok Deflector ok

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 220 Date / / Start 1238 End 1445 Dump 1459

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage 1.9

Weather (wind dir, beaufort, sea state, temp, etc.) P/C, wind S~10KTS, sea 1'

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Deflector

Stbd Draghead ok Deflector ok

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T. truncatus	5	0930 / Ship channel / just swimming

Observers On Duty: Andrew Jackson / Alicia Leftwich

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 221 Date 09 / 03 / 03 Start 1535 End 1722 Dump 1746

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage 1.5

Weather (wind dir, beaufort, sea state, temp, etc.) P/C, wind 5-10KTS, Sea 1'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead _____ Deflector OK

Stbd Draghead _____ Deflector OK

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 222 Date 09 / 03 / 03 Start 1813 End 2126 Dump 2138

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) P/C, wind 5-10KTS, Sea 1'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead _____ Deflector OK

Stbd Draghead _____ Deflector OK

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 223 Date 09 / 04 / 03 Start 2150 End 0026 Dump 0040

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) plc, calm seas + winds, 80° air

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead OK Deflector OK

Stbd Draghead _____ Deflector _____

Port Inflow, Fore Mud, grass, trash

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Alicia Leftwich

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 224 Date 09 / 04 / 03 Start 0055 End 0301 Dump 0316

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) pic, 80°F air, calm seas + winds

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead ok Deflector ok

Stbd Draghead Deflector

Port Inflow, Fore mud, grass, trash

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 225 Date 09 / 04 / 03 Start 0327 End 0700 Dump 0711

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) pic, 80°F air, calm winds + seas

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead ok Deflector ok

Stbd Draghead Deflector

Port Inflow, Fore mud, trash, grass

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 226 Date 09 / 04 / 03 Start 0723 End 0955 Dump 1006

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 84°F air, NE@5, seas 1'

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore Debris & mud

Port Inflow, Aft Not in use

Stbd Inflow, Fore Debris & mud

Stbd Inflow, Aft Not in use

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Alicia Leftwich / C. DERINGER

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 227 Date 09 / 04 / 03 Start 1018 End 1300 Dump 1316

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage 2.7

Weather (wind dir, beaufort, sea state, temp, etc.) Calm Seas, B=1020, Lt air, 80°F, 70% cc

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore _____

Port Inflow, ~~Aft~~ _____

Stbd Inflow, Fore _____

Stbd Inflow, ~~Aft~~ _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 228 Date 09 / 04 / 03 Start 1330 End 1605 Dump 1622

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage 1.7

Weather (wind dir, beaufort, sea state, temp, etc.) P/C, wind 5-15 kts, sea 1', showers

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore _____

Port Inflow, ~~Aft~~ _____

Stbd Inflow, Fore _____

Stbd Inflow, ~~Aft~~ _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 229 Date 09 / 04 / 03 Start 1647 End 1933 Dump 1948

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage 1.3

Weather (wind dir, beaufort, sea state, temp, etc.) P/C, wind 5-10 kts, sea 1'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore _____

Port Inflow, ~~Aft~~ _____

Stbd Inflow, Fore _____

Stbd Inflow, ~~Aft~~ _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / ~~Alicia Leftwich~~ / C. DERINGER

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 230 Date 09/04/03 Start 2000 End 2307 Dump 2318

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage 2.1

Weather (wind dir, beaufort, sea state, temp, etc.) PC, wind 5-10kts, sea 1'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore _____

Port Inflow, ~~Aft~~ _____

Stbd Inflow, Fore _____

Stbd Inflow, ~~Aft~~ _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 231 Date 09/05/03 Start 2330 End 0200 Dump 0224

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) WIND 5-10KS, SEAS <1', 10% CC,

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Some Debris Deflector Clear

Stbd Draghead _____ Deflector _____

Port Inflow, Fore Grass & debris

Port Inflow, Aft Not in use

Stbd Inflow, Fore Grass & debris

Stbd Inflow, Aft Not in use

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 232 Date 09/05/03 Start 0241 End 0435 Dump 0453

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) — Same as above

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead (Some Debris Deflector Clear

Stbd Draghead _____ Deflector _____

Port Inflow, Fore Clear - Some debris

Port Inflow, Aft Not in Use

Stbd Inflow, Fore Clear

Stbd Inflow, Aft Not in Use

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / ~~Alicia Leftwich~~ / C. DERINGER

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 233 Date 09 / 05 / 03 Start 0505 End 0758 Dump 0817

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) B = 1019, Calm, Lt air, 80% cc, Heavy Rain ≈1 hr.

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Some debris Deflector

Port Inflow, Fore Debris & biotic material (plant)

Port Inflow, Aft Not in use

Stbd Inflow, Fore Some debris

Stbd Inflow, Aft Not in use

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 234 Date 09 / 05 / 03 Start 0835 End 1204 Dump 1228

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage 3.4

Weather (wind dir, beaufort, sea state, temp, etc.) M/clear, wind S-15 kts, Sea 1'

Water Temp., Surface 86°F Below Mid-Depth

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Deflector

Stbd Draghead OK Deflector

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 235 Date 09 / 05 / 03 Start 1246 End 1448 Dump 1502

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage 2.7

Weather (wind dir, beaufort, sea state, temp, etc.) Clear, wind S-10 kts, Sea 1'

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Deflector

Stbd Draghead OK Deflector

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 236 Date 09 / 05 / 03 Start 1518 End 1810 Dump 1821

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage 2.0

Weather (wind dir, beaufort, sea state, temp, etc.) Clear, wind 5-10KTS, Sea 1' swell

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES **NO** (circled)

Note biological samples:

Port Draghead _____ Deflector OK

Stbd Draghead _____ Deflector OK

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 237 Date 09 / 05 / 03 Start 1833 End 2148 Dump 2202

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage 1.8

Weather (wind dir, beaufort, sea state, temp, etc.) Clear, wind 5-10KTS, Sea 1' Swell

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES **NO** (circled)

Note biological samples:

Port Draghead _____ Deflector OK

Stbd Draghead _____ Deflector OK

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 238 Date 09 / 06 / 03 Start 2223 End 0002 Dump 0029

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage 2.8

Weather (wind dir, beaufort, sea state, temp, etc.) 10% CC, 5-10K, NE, B=1019, seas <1' NE, 84°F

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES **NO** (circled)

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead _____ Deflector _____

Port Inflow, Fore Clear

Port Inflow, Aft Not in use

Stbd Inflow, Fore clear

Stbd Inflow, Aft Not in use

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 239 Date 09 / 06 / 03 Start 0044 End 0338 Dump 0405

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 10% CC, NE 10 K, NE <1', 84°F, B=1019

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Deflector

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore Some debris & plant matter, jelly fish

Port Inflow, Aft Not in use

Stbd Inflow, Fore Clear

Stbd Inflow, Aft Not in use

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 240 Date 09 / 06 / 03 Start 0418 End 0650 Dump 0700

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 30% CC, NE 15 K, NE 1-2', 84°F, B=1019

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore Clear

Port Inflow, Aft Not in use

Stbd Inflow, Fore Clear

Stbd Inflow, Aft Not in use

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 241 Date 09 / 06 / 03 Start 0715 End 0933 Dump 0942

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) E 10 K, E <1', B=1019, 30% CC, sunny

Water Temp., Surface 86°F Below Mid-Depth

Are there incidents involving endangered or protected species? @0800 YES **NO**

Note biological samples:

Port Draghead Clear Deflector

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore Debris & plant matter

Port Inflow, Aft Not in use

Stbd Inflow, Fore Debris & plant matter

Stbd Inflow, Aft Not in use

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T. depressus	2	0813 - @ jetty entrance - swimming

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 242 Date 09 / 06 / 03 Start 0958 End 1254 Dump 1305

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage 3.2

Weather (wind dir, beaufort, sea state, temp, etc.) P/C, wind 5-10 KTS, sea 1-2'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 243 Date 09 / 06 / 03 Start 1330 End 1558 Dump 1610

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage 2.7

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface 86°F Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 244 Date 09 / 06 / 03 Start 1623 End 1855 Dump 1908

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage 1.8

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 245 Date 09 / 06 / 03 Start 1919 End 2222 Dump 2235

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage 1.6

Weather (wind dir, beaufort, sea state, temp, etc.) Clear, wind 5-10 KTS, sea < 1'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

OK

Load # 246 Date 09 / 07 / 03 Start 2249 End 0142 Dump 0154

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) 10% CC, 5-10 K NE, ~~ete~~ calm seas, B = 1020, 80°F

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Clear Deflector _____

Stbd Draghead _____ Deflector Clear

Port Inflow, Fore Debris & plant matter

Port Inflow, Aft Not in use

Stbd Inflow, Fore Debris & plant matter

Stbd Inflow, Aft Not in use

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 247 Date 09 / 07 / 03 Start 0210 End 0441 Dump 0458

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) 10% CC, B = 1020, 80°F, Calm Seas, lt-airs

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead _____ Deflector _____

Port Inflow, Fore Debris & plant matter

Port Inflow, Aft Not in use

Stbd Inflow, Fore Debris & plant matter

Stbd Inflow, Aft Not in use

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 248 Date 09/07/03 Start 0513 End 0709 Dump 0721

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 10%-CC, Lt airs, calm seas, B=1020, 80°F

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore Debris & plant matter, one lg. fish - head only

Port Inflow, Aft Not in use

Stbd Inflow, Fore Debris & plant matter

Stbd Inflow, Aft Not in use

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 249 Date 09/07/03 Start 0737 End 0945 Dump 0957

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) B=1019, W 10K, Calm Seas, 78°F, 20% CC

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore Lots of Debris - Grate wedged open w/ wood a 1' gap

Port Inflow, Aft Not in use

Stbd Inflow, Fore Debris & plant matter

Stbd Inflow, Aft Not in use

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 250 Date 09/07/03 Start 1010 End 1342 Dump 1357

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage 3.1

Weather (wind dir, beaufort, sea state, temp, etc.) PC, wind 10-15 KTS, Sea 1'

Water Temp., Surface 86° Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Deflector OK

Stbd Draghead OK Deflector

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 251 Date 09 / 07 / 03 Start 1413 End 1715 Dump 1736

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage 2.8

Weather (wind dir, beaufort, sea state, temp, etc.) PC - Clear, wind 5-10kts, sea 1' or <

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead _____ Deflector OK

Stbd Draghead _____ Deflector OK

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 252 Date 09 / 07 / 03 Start 1752 End 1935 Dump 1952

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage 2.4

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface 86° Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead _____ Deflector OK

Stbd Draghead _____ Deflector OK

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 253 Date 09 / 07 / 03 Start 2010 End 2200 Dump 2215

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage 1.3

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead _____ Deflector OK

Stbd Draghead _____ Deflector OK

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 254 Date 09/08/03 Start 2230 End 0043 Dump 0057

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage 1-2

Weather (wind dir, beaufort, sea state, temp, etc.) B=1019, calm, lt. airs, 20% CC, 80°F

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore plant matter

Port Inflow, Aft Not in use

Stbd Inflow, Fore plant matter, some debris

Stbd Inflow, Aft Not in use

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 255 Date 09/08/03 Start 0109 End 0336 Dump 0353

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) B=1019, calm, lt. airs, 20% CC, 80°F

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore wood, plant matter

Port Inflow, Aft Not in use

Stbd Inflow, Fore wood, plant matter, debris

Stbd Inflow, Aft Not in use

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 256 Date 09/08/03 Start 0406 End 0600 Dump (*) 0739

Location (lat/long, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) B=1019, calm seas, lt. airs 20% CC, 80°F

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore plant matter

Port Inflow, Aft Not in use

Stbd Inflow, Fore Debris & plant matter

Stbd Inflow, Aft Not in use

Fore Overflow N/A

Aft Overflow N/A

Comments (*) DELAY FOR MOB DRILL / ANCHORED @ 0807

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 257 Date 09 / 08 / 03 Start 1200 End 1258 Dump 1318

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 3.1

Weather (wind dir, beaufort, sea state, temp, etc.) P/c, wind 5-10KTS, sea 6/a

Water Temp., Surface 86 Below Mid-Depth

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead OK Deflector Ok

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 258 Date 09 / 08 / 03 Start 1337 End 1421 Dump 1440

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 3.0

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead OK Deflector

Stbd Draghead Deflector Ok

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 259 Date 09 / 08 / 03 Start 1458 End 1544 Dump 1603

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2.8

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead OK Deflector

Stbd Draghead Deflector Ok

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 260 Date 09 / 08 / 03 Start 1621 End 1706 Dump 1725

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2.6

Weather (wind dir, beaufort, sea state, temp, etc.) P-m/c, wind 5-10KT, sea calm

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector Ok

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 261 Date 09 / 08 / 03 Start 1742 End 1841 Dump 1857

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2.2

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector Ok

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 262 Date 09 / 08 / 03 Start 1914 End 1958 Dump 2015

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 1.6

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector Ok

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 263 Date 09 / 08 / 03 Start 2033 End 2220 Dump 2239

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 1.5

Weather (wind dir, beaufort, sea state, temp, etc.) P-mlc, wind 5-10KTS, sea calm

Water Temp., Surface 86° Below Mid-Depth

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead OK Deflector

Stbd Draghead Deflector OK

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 264 Date 09 / 09 / 03 Start 2254 End 0016 Dump 0034

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 40% cc, calm seas, lt. airs (5KE), B=1019, 80°F

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead Netting Deflector Clear

Stbd Draghead Clear Deflector

Port Inflow, Fore Plant matter, fishing line, wood

Port Inflow, Aft Not in use

Stbd Inflow, Fore Plant matter & debris

Stbd Inflow, Aft Not in use

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 265 Date 09 / 09 / 03 Start 0053 End 0140 Dump 0200

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 40% cc, calm seas, 5KE'ly, B=1019, 80°F

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore Debris & plant matter

Port Inflow, Aft Not in use

Stbd Inflow, Fore Debris & plant matter

Stbd Inflow, Aft Not in use

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 266 Date 09/09/03 Start 0218 End 0302 Dump 0321

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 80°F, ~~[illegible]~~ 5-10 E, <1' seas, B=1019, 40%, CC

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector

Stbd Draghead Deflector Clear

Port Inflow, Fore Debris & plant matter

Port Inflow, Aft Not in use

Stbd Inflow, Fore Debris & plant matter

Stbd Inflow, Aft Not in use

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 267 Date 09/09/03 Start 0339 End 0425 Dump 0445

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 80°F, B=1019, 5-10 E, <1' seas, 40%, CC

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector

Stbd Draghead Deflector Clear

Port Inflow, Fore Plant matter & debris

Port Inflow, Aft Not in use

Stbd Inflow, Fore plant matter & debris

Stbd Inflow, Aft Not in use

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 268 Date 09/09/03 Start 0503 End 0554 Dump 0613

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 5-10 KS, ~~[illegible]~~ Seas ≈ 1', 84°F, B = 1018.5

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector

Stbd Draghead Deflector Clear

Port Inflow, Fore Plant matter & debris

Port Inflow, Aft Not in use

Stbd Inflow, Fore plant matter & debris

Stbd Inflow, Aft Not in use

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 269 Date 9 / 9 /03 Start 0702 End 0756 Dump 0815

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 5-10 S, Seas 1', 84°F, B=1018.5, 50% cc

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore Lots of Debris & plant matter

Port Inflow, Aft Not in use

Stbd Inflow, Fore Lots of Debris & plant matter

Stbd Inflow, Aft Not in use

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 270 Date 9 / 9 /03 Start 0840 End 0953 Dump 1013

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 5-10 S Seas 1', 90°F, B=1019, 80% cc

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore Debris & plant matter

Port Inflow, Aft Not in use

Stbd Inflow, Fore Debris & plant matter

Stbd Inflow, Aft Not in use

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 271 Date 9 / 9 / 03 Start 1036 End 1224 Dump 1247

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 3.3

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy, wind 5-15 kts, Sea 1'

Water Temp., Surface 86° Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft Not in use

Stbd Inflow, Fore

Stbd Inflow, Aft Not in use

Fore Overflow N/A

Aft Overflow N/A

Comments * port side only

Species	# of Animals	Bridge Watch Summary Time/ Location/ Comments
truncatus	3	0710 ~ inside jetty

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 272 Date 09 / 09 /03 Start 1315 End 1450 Dump 1514

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 3.3

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy, Rain, wind 10-20KT, Sea 1-2'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector OK

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 273 Date 09 / 09 /03 Start 1540 End 1714 Dump 1737

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 3.1

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy wind 10-20 KTS Sea 1-2'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector OK

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 274 Date 09 / 09 / 03 Start 1756 End 1942 Dump 2004

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 3.7

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector OK

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 275 Date 09 / 09 / 03 Start 2026 End 2210 Dump 2232

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2-1

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy, wind 10-20kts, sea 1-2'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead _____ Deflector OK

Stbd Draghead _____ Deflector OK

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 276 Date 09 / 10 / 03 Start 2254 End 0000 Dump 0020

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) 90% cl, 10-20 kt SE, 1' seas S, B=1019, 84°F,

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead _____ Deflector Clear

Stbd Draghead Clear Deflector _____

Port Inflow, Fore lots of Debris & plant matter - tires

Port Inflow, Aft N/A

Stbd Inflow, Fore Debris & plant matter

Stbd Inflow, Aft N/A

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 277 Date 09 / 10 / 03 Start 0049 End 0143 Dump 0205

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) 90% CL, 10-20kt SE, 1' seas S, B=1019, 84°F

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead _____ Deflector Clear

Stbd Draghead Clear Deflector _____

Port Inflow, Fore _____

Port Inflow, Aft N/A

Stbd Inflow, Fore _____

Stbd Inflow, Aft N/A

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 278 Date 9 / 10 / 03 Start 0227 End 0316 Dump 0337

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 10 k, S 1' swell, B = 1019, 84 F, 70% CC

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore Clear

Port Inflow, Aft N/A

Stbd Inflow, Fore Clear

Stbd Inflow, Aft N/A

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 279 Date 9 / 10 / 03 Start 0400 End 0445 Dump 0505

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 10 k, 1' swell S, B = 1019, 84 F, 70% CC

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore Debris & plant matter

Port Inflow, Aft N/A

Stbd Inflow, Fore Debris & plant matter

Stbd Inflow, Aft N/A

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 280 Date 9 / 10 / 03 Start 0527 (*) End 0703 (*) Dump 0804

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 10 k, 1' swell S, B = 1019, 84 F, 70% CC

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore Debris & plant matter

Port Inflow, Aft N/A

Stbd Inflow, Fore Debris & plant matter

Stbd Inflow, Aft N/A

Fore Overflow N/A

Aft Overflow N/A

Comments (*) Delay for ship traffic & crew change

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 281 Date 9 / 10 / 03 Start 0828 End 0918 Dump 0945

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 10K, SE 2', B=1019, 88°F, 90% CC – Looks like rain!

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead some debris Deflector

Stbd Draghead Some Debris Deflector Clear

Port Inflow, Fore Debris & plant matter

Port Inflow, Aft N/A

Stbd Inflow, Fore Grate open; ≈ 3' gap – Grate had debris & plant matter

Stbd Inflow, Aft N/A

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 282 Date 9 / 10 / 03 Start 1005 End 1056 Dump 1122

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 12 ~~KT~~ SE 2', B = 1020, 88°F, 80% CC

Water Temp., Surface 85°F @ 1030 Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Debris / mostly clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore Debris & plant matter

Port Inflow, Aft N/A

Stbd Inflow, Fore Debris & plant matter

Stbd Inflow, Aft N/A

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 283 Date 9 / 10 / 03 Start 1143 End 1238 Dump 1302

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2.9

Weather (wind dir, beaufort, sea state, temp, etc.) M/C, wind 10-15 kts, Sea 2-3'

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK Deflector OK

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T. truncatus	1	0837 – inside jetty, swimming

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 284 Date 09 / 10 / 03 Start 1358 End 1459 Dump 1523

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 3.2

Weather (wind dir, beaufort, sea state, temp, etc.) PC, wind 10-15 KTS, Seas 2-3'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

OK

Load # 285 Date 09 / 10 / 03 Start 1547 End 1741 Dump 1805

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 3.2

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

OK

Load # 286 Date 09 / 10 / 03 Start 1826 End 1919 Dump 1950

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2-7

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

OK

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 287 Date 09 / 10 / 03 Start 2020 End 2150 Dump 2242

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2-4

Weather (wind dir, beaufort, sea state, temp, etc.) P/C, wind 10-15KT, Sea 2-3'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead OK Deflector OK

Stbd Draghead Deflector

Port Inflow, Fore / Cat fish

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 288 Date 09 / 11 / 03 Start 2345 End 0012 Dump 0140

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 10-15K SE, 2-4' SSE, B=1019, 86°F, 20% cc

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore Lots of DEBRIS & plant matter

Port Inflow, Aft NA

Stbd Inflow, Fore Lots OF DEBRIS & Plant matter

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 289 Date 09 / 11 / 03 Start 0217 End 0408 Dump 0431

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 10-15 SE, SSE 2-4', 86°F, B=1019, 20% cc

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore *

Port Inflow, Aft NA

Stbd Inflow, Fore *

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments * — Wood wedging gate open ≈ 1' gap. Debris & plant matter

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Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 290 Date 9 / 11 / 03 Start 0452 End 0543 Dump 0612

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 10-15 K, SSE 2-4', 86°F, 40%CC, B=1019

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector

Stbd Draghead Deflector Clear

Port Inflow, Fore * Debris & plant matter

Port Inflow, Aft NA

Stbd Inflow, Fore Debris & plant matter

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

* Wood still wedged in from load 289 Removed by hand

Load # 291 Date 9 / 11 / 03 Start 0633 End 0725 Dump 0754

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 10-15 K, SSE 2-4', 88°F, 50%CC, B=1019

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Some Debris Deflector

Stbd Draghead Deflector Clear

Port Inflow, Fore Debris & plant matter

Port Inflow, Aft NA

Stbd Inflow, Fore Debris & plant matter

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 292 Date 9 / 11 / 03 Start 0817 End 1019 Dump 1132

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 15-18, SE 3-5', 90°F, 40%CC, B=1020

Water Temp., Surface 86°F Below Mid-Depth

Are there incidents involving endangered or protected species? @0930 YES **NO**

Note biological samples:

Port Draghead Clear Deflector

Stbd Draghead Deflector Clear

Port Inflow, Fore Debris & plant matter

Port Inflow, Aft NA

Stbd Inflow, Fore Debris & plant matter

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T. truncatus	3	0956 @ jetty entrance - porpoising

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 293 Date 9 / 11 / 03 Start 1218 End 1415 Dump 1441

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2.5

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy, wind 10-15 kts, sea 2-3'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead _____ Deflector OK

Stbd Draghead _____ Deflector OK

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 294 Date 09 / 11 / 03 Start 1503 End 1648 Dump 1712

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 3.1

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy/Rain, wind 5 kts, sea 2'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead _____ Deflector

Stbd Draghead _____ Deflector OK

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 295 Date 09 / 11 / 03 Start 1735 End 1921 Dump 2148

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 3.2

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy, wind 10-15 kts, sea 2-3'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead _____ Deflector

Stbd Draghead _____ Deflector OK

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 296 Date 09 / 11 / 03 Start 2012 End 2105 Dump 2134

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2-6

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy, wind 5-10kts, Sea 1-2'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Ok

Load # 297 Date 09 / 12 / 03 Start [redacted] 2256 End 0133 Dump 0206

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) B=1018, SE 15-20k, SE 3-4', 86°F, 50% cc

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead NA - Not used Deflector NA

Port Inflow, Fore Lots of Debris & plant matter

Port Inflow, Aft Not used

Stbd Inflow, Fore / Not used

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 298 Date 9 / 12 / 03 Start 0230 End 0419 Dump 0451

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) B=1018, SE 15-20k, SE 3-4', 86°F, 50% cc Heavy rain

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead NA Deflector NA

Port Inflow, Fore Nets! Debris & plant matter

Port Inflow, Aft NA

Stbd Inflow, Fore NA

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 299 Date 9 / 12 / 03 Start 0520 End 0641 Dump 0715

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 20-25 k var, 5-6' S, 72°F, B=1016, squally, 100% cc POOR VIS.

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead clear Deflector clear

Stbd Draghead N/A Deflector NA

Port Inflow, Fore Debris & plant matter

Port Inflow, Aft

Stbd Inflow, Fore NA

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 300 Date 9 / 12 / 03 Start 0737 (*) End 0918 Dump 0942

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 15-18 S'ly, 3-4' S'ly, B=1016, 72°F, 100% cc

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead clear Deflector clear

Stbd Draghead NA Deflector NA

Port Inflow, Fore Debris & plant matter

Port Inflow, Aft NA

Stbd Inflow, Fore NA

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments (*) Delays for shipping traffic

Load # 301 Date 9 / 12 / 03 Start 1005 End 1144 Dump 1206

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2.6

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy/Rain, wind 15-20 kts, Seas 3-4'

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead OK Deflector OK

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T. truncatus	2	0709 – @ dumpsite – swimming

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 302 Date 09 / 12 / 03 Start 1227 End 1414 Dump 1435

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2.7

Weather (wind dir, beaufort, sea state, temp, etc.) PC, wind 10-15 kts, sea 1-2' swell

Water Temp., Surface 86° Below Mid-Depth

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead OK Deflector OK

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 303 Date 09 / 12 / 03 Start 1459 End 1645 Dump 1707

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2.5

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead OK Deflector OK

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 304 Date 09 / 12 / 03 Start 1727 End 1923 Dump 1945

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 3.8

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead OK Deflector OK

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 305 Date 09 / 12 / 13 /03 Start 2904 End 11:35 Dump 11:56

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) Pt, wind 10-15 kts, sea 1-2'

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead NA Deflector NA

Port Inflow, Fore Lots of Debris & plant matter

Port Inflow, Aft

Stbd Inflow, Fore NA

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 306 Date 9 / 13 / 03 Start 0015 End 0205 Dump 0225

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) Lt. airs, 3-5' swell, (South), B=1016, 80°F, 10% cc

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead NA Deflector NA

Port Inflow, Fore Debris & plant matter

Port Inflow, Aft NA

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 307 Date 9 / 13 / 03 Start 0247 End 0430 Dump 0450

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) Lt. airs, 3-5' S swell, B=1016, 80°F, 10% cc

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead NA Deflector NA

Port Inflow, Fore Debris & plant matter

Port Inflow, Aft

Stbd Inflow, Fore NA

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 3808 Date 9 / 13 / 03 Start 0512 End 0558 Dump 0620

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) Lt airs, 3-5' swell, B=1016, 80°F, 20% cc

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead NA Deflector NA

Port Inflow, Fore Clear — Box opened before it was checked by diving tenders

Port Inflow, Aft

Stbd Inflow, Fore NA

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 309 Date 9 / 13 / 03 Start 0715 End 0840 Dump 0905

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) W 5-10k, SW 2-4', B=1016, 80% c, 50% cc

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead NA Deflector NA

Port Inflow, Fore Debris & plant matter

Port Inflow, Aft

Stbd Inflow, Fore NA

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 310 Date 9 / 13 / 03 Start 0925 End 1028 Dump 1100

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) W 5-8k, SW 1-2', B=1017, 96°F, 20% cc

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead NA Deflector NA

Port Inflow, Fore Clear

Port Inflow, Aft

Stbd Inflow, Fore NA

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 311 Date 9 / 13 / 03 Start 1120 End 1325 Dump 1345

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2.4

Weather (wind dir, beaufort, sea state, temp, etc.) Clear, wind S-10KTS, Sea 1-2'

Water Temp., Surface 86 Below Mid-Depth

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 312 Date 09 / 13 / 03 Start 1414 End 1512 Dump 1534

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2.6

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 313 Date 09 / 13 / 03 Start 1600 End 1645 Dump 1707

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 3.1

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 314 Date 09 / 13 / 03 Start 1727 End 1916 Dump 1938

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 3.4

Weather (wind dir, beaufort, sea state, temp, etc.) Clear, wind 5-10kt, sea 1'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead OK Deflector OK

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 315 Date 09 / 13 / 03 Start 2000 End 2150 Dump 2212

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead OK Deflector OK

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 316 Date 09 / 13/14 / 03 Start 2230 End 0045 Dump 0111

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore _____

Port Inflow, Aft NA

Stbd Inflow, Fore _____

Stbd Inflow, Aft NA

lots of Debris & plant matter

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 317 Date 9 / 14 / 03 Start 0130 End 0318 Dump 0340

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 5-10 K, S 2-4', B=1018, 83°F, 10% cc

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Deflector

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 318 Date 9 / 14 / 03 Start 0400 End 0555 Dump 0618

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) — Same —

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Debris Deflector

Stbd Draghead Deflector Clear

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 319 Date 9 / 14 / 03 Start 0635 End 0718 Dump ~~[illegible]~~ 0752

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 10-12 K, SE 3', 85°F, 40% cc, B=1019

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Same DEBRIS Deflector

Stbd Draghead Deflector Clear

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 320 Date 9 / 14 / 03 Start 0825 End 1024 Dump 1045

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 10-12 K, 3' SE, 40% CC, B=1019

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Clean Deflector Clean

Stbd Draghead Deflector

Port Inflow, Fore Debris & plant matter

Port Inflow, Aft NA

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments *port side only to start w/

Load # 321 Date 9 / 14 / 03 Start 1105 End 1316 Dump 1339

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2.2

Weather (wind dir, beaufort, sea state, temp, etc.) P/C, wind 5-10 kt, Sea 2-3'

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead OK Deflector OK

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 322 Date 9 / 14 / 03 Start 1400 End 1540 Dump 1601

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2.3

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead OK Deflector OK

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T. truncatus	2	0825 @ jetty entrance

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 323 Date 09 / 14 / 03 Start 1645 End 1732 Dump 1754

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2.8

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy, wind (0-15kts) Sea 2-3'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead _____ Deflector Ok

Stbd Draghead _____ Deflector Ok

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 324 Date 09 / 14 / 03 Start 1852 End 2016 Dump 2037

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 3-1

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy / Rain, wind (0-20kts) Sea 2-3'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead _____ Deflector Ok

Stbd Draghead _____ Deflector Ok

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 325 Date 09 / 14 / 03 Start 2057 End 2150 Dump 2232

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy/Rain w/heavy Lightning, wind (0-20kts) Sea 2-3'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

NOT checked due to heavy Lightning

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 326 Date 9 / 15 / 03 Start 2305 End 0206 Dump 0216

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE 15-20k, ESE 2-4', 78°F, B=1020, 10% cc

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector

Stbd Draghead Deflector Clear

Port Inflow, Fore

Port Inflow, Aft NA 100% packed w/ Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 327 Date 9 / 15 / 03 Start 0230 End 0345 Dump 0406

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) — same —

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector

Stbd Draghead Deflector Clear

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

One rubber snake :)

Load # 328 Date 9 / 15 / 03 Start 0425 End 0600 Dump 0623

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) — same

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector

Stbd Draghead Deflector Clear

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 329 Date 9 / 15 / 03 Start 0645 End 0805 Dump 0825

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE 15-20 K, ESE 2-4' 78°F, B=1020 10/.cl

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector Clear

Port Inflow, Fore Debris

Port Inflow, Aft NA / Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 330 Date 9 / 15 / 03 Start 0840 End 1036 Dump 1059

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) - same -

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Deflector

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 331 Date 09 / 15 / 03 Start 1120 End 1347 Dump 1407

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2.2

Weather (wind dir, beaufort, sea state, temp, etc.) PC, wind 12-15 KT, Sea 1-2'

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Deflector

Stbd Draghead OK Deflector OK

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T. truncatus	3	0722 - swimming inside jetty - one tail slapping

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 332 Date 09 / 15 / 03 Start 1429 End 1541 Dump 1607

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2.4

Weather (wind dir, beaufort, sea state, temp, etc.) M/C, wind 10-15 KTS, Sea 2-3'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead OK Deflector OK

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 333 Date 09 / 15 / 03 Start 1627 End 1906 Dump 1927

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2.9

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy, wind 15-20KTS, Sea 3-4'

Water Temp., Surface 86° Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead OK Deflector OK

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 334 Date 09 / 15 / 03 Start 1950 End 2130 Dump 2152

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 3.6

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead OK Deflector OK

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 335 Date 09 / 15 / 16 / 03 Start 2215 End 0030 Dump 0050

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 3.7

Weather (wind dir, beaufort, sea state, temp, etc.) E 10-20 K, ESE 2-4', 80°F, B=1020, 10% cc

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Two Didos relocates 1 C.C.

Load # 336 Date 9 / 16 / 03 Start 0116 End 0312 Dump 0337

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) — Same

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore — Eel-like fish sp.

Port Inflow, Aft NA

Stbd Inflow, Fore Debris & plant matter

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 337 Date 9 / 16 / 03 Start 0409 End 0450 Dump

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) — Same

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 338 Date 9 / 16 / 03 Start 0559 End 0740 Dump 0802

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) B=1019, SE 10-15K, SE 4-6', 80°F, 30% cc

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Deflector

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore 1 Debris & plant matter

Port Inflow, Aft NA

Stbd Inflow, Fore 1 Redfish (tail portion

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 339 Date 9 / 16 / 03 Start 0828 End 1100 Dump 1120

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 20-25K, SE 3-4', B=1020, 30% cc, 84°F

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Deflector

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore

Port Inflow, Aft Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 340 Date 9 / 16 / 03 Start 1149 End 1246 Dump 1310

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2.6

Weather (wind dir, beaufort, sea state, temp, etc.) P/C, wind 10-20 KTS, Sea 2-3'

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Deflector

Stbd Draghead OK Deflector OK

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 341 Date 09 / 16 / 03 Start 1332 End 1512 Dump 1534

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2.7

Weather (wind dir, beaufort, sea state, temp, etc.) P/C, wind 10-20 KT, Sea 3-5'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector OK

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 342 Date 09 / 16 / 03 Start 1557 End 1746 Dump 1809

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2.9

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 343 Date 09 / 16 / 03 Start 1833 End 1940 Dump 1939

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) Clear, wind 5-10 KT, Sea 2-3

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead _____ Deflector OK

Stbd Draghead _____ Deflector OK

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 344 Date 09 / 16 /03 Start 2000 End 2145 Dump 2208

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 3.7

Weather (wind dir, beaufort, sea state, temp, etc.) Clear, wind 5-10KTS, Sea 1-2'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead OK Deflector

Stbd Draghead Deflector OK

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 345 Date 09 / 17 /03 Start 2230 End 0023 Dump 0055

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 3.9

Weather (wind dir, beaufort, sea state, temp, etc.) — Same —

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector

Stbd Draghead Deflector Clear

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 346 Date 9 / 17 / 03 Start 0140 End 0430 Dump 0454

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) — Same —

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector

Stbd Draghead Deflector Clear

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 347 Date 9 / 17 / 03 Start 0518 End 0835 Dump 0900

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) B=1019, N=10K, E 4-6', 50% CC

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore Debris & plant matter

Port Inflow, Aft NA

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 348 Date 9 / 17 / 03 Start 0923 End 1051 Dump 1110

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) —Same

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore Debris & plant matter

Port Inflow, Aft NA

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 348 Date 09 / 17 / 03 Start 0923 End 1051 Dump 1114

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 3.2

Weather (wind dir, beaufort, sea state, temp, etc.) P/C, wind 10-15 KTS, Seas 2-3'

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 349 Date 09 / 17 / 03 Start 1137 End 1503 Dump 1527

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2-7

Weather (wind dir, beaufort, sea state, temp, etc.) PC, wind 5-10KTS Ses 2-3'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead _____ Deflector OK

Stbd Draghead _____ Deflector OK

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 350 Date 09 / 17 / 03 Start 1548 End 1639 Dump 1708

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2-6

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface 86° Below Mid-Depth _____

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead _____ Deflector OK

Stbd Draghead _____ Deflector OK

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 351 Date 09 / 17 / 03 Start 1730 End 2020 Dump 2041

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 3-0

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead _____ Deflector OK

Stbd Draghead _____ Deflector OK

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 352 Date 09 / 17 / 03 Start 2104 End _____ Dump _____

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) _____

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead _____ Deflector OK

Stbd Draghead _____ Deflector OK

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 353 Date 9 / 18 / 03 Start 0014 End 0115 Dump 0141

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) B = 1019, 40% CC, SE 10-15 K, SSE 3-4', 82°F

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead _____ Deflector _____

Port Inflow, Fore _____

Port Inflow, Aft NA

Stbd Inflow, Fore Debris & plant matter

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 354 Date 9 / 18 / 03 Start 0203 End 0330 Dump 0353

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) same

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead _____ Deflector _____

Port Inflow, Fore 1 lg. redfish

Port Inflow, Aft NA

Stbd Inflow, Fore Debris & plant matter

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 355 Date 9 / 18 / 03 Start 0417 End 0618 Dump 0825 *

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) B=1018, 80°F, SE 10-15K, SE 3-4', 100% CC

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Clear Deflector

Stbd Draghead Deflector Clear

Port Inflow, Fore

Port Inflow, Aft NA

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Debris & plant matter

Comments

* - Delay for shipping & mech. prob's / oil changes

Load # 356 Date 9 / 18 / 03 Start 0912 End 1322 Dump 1353

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 3.7

Weather (wind dir, beaufort, sea state, temp, etc.) - same - + Rain

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Deflector

Stbd Draghead OK Deflector OK

Port Inflow, Fore

Port Inflow, Aft NA

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 357 Date 09 / 18 / 03 Start 1419 End 1645 Dump 1707

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2.3

Weather (wind dir, beaufort, sea state, temp, etc.) same

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Deflector

Stbd Draghead OK Deflector OK

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 358 Date 09 / 18 / 03 Start 1730 End 1957 Dump 2022

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2.7

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy, wind S-10KTS, Sea 2-3'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead _____ Deflector OK

Stbd Draghead _____ Deflector OK

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 359 Date 09 / 18 / 03 Start 2050 End _____ Dump _____

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 3.2

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead _____ Deflector OK

Stbd Draghead _____ Deflector OK

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 360 Date 09 / 19 / 03 Start 0000 End 0145 Dump 0203

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) B=1018, SE 5-10K, SE 3-5', 80°F, 70% CC

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead _____

Port Inflow, Fore _____ Lots of plant matter

Port Inflow, Aft NA Debris

Stbd Inflow, Fore _____

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 361 Date 9 / 19 / 03 Start 0226 End 0320 Dump 0341

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) B=1018, SE 5-10K, SE 3-41, 80°F 70% CC

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 362 Date 9 / 19 / 03 Start 0400 End 0538 Dump 0600

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) - same -

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 363 Date 9 / 19 / 03 Start 0624 End 0715 Dump 0735

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) - same -

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 364 Date 9 / 19 / 03 Start 0845 End 1020 Dump 1053

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) B=1019, 60% CC, NW 10-15 K, SI-3', 76°F

Water Temp., Surface 86°F Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 365 Date 9 / 19 / 03 Start 1116 End 1334 Dump 1356

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2.9

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface 86° Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Deflector

Stbd Draghead OK Deflector OK

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 366 Date 09 / 19 / 03 Start 1421 End 1512 Dump 1530

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2.0

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Deflector

Stbd Draghead OK Deflector OK

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 369 Date 09 / 19 / 03 Start 1550 End 1720 Dump 1743

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 1.9

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy, wind S-10KT, Sea 1-2'

Water Temp., Surface / Below Mid-Depth

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead OK Deflector

Stbd Draghead Deflector OK

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 368 Date 09 / 19 / 03 Start 1810 End 2219 Dump 2241

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2.1

Weather (wind dir, beaufort, sea state, temp, etc.) same

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead OK Deflector

Stbd Draghead Deflector OK

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 369 Date 09 / 20 / 03 Start 2304 End 0140 Dump [redacted] 0203

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) -Same-

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead Clear Deflector

Stbd Draghead Deflector Clear

Port Inflow, Fore

Port Inflow, Aft NA > Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 370 Date 9/20/03 Start 0226 End 0439 Dump 0500

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) E 5-10 K, E 2-4', B=1020, 80°F, 40% CC

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 371 Date 9/20/03 Start 0521 End 0817 Dump 0852

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) Rain-100% CC, E 2-4', ENE 10-15 K, B=1019, 72°F

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 372 Date 9/20/03 Start 0914 End 1243 Dump 1316

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 3.2

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface 83° Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead OK Deflector OK

Port Inflow, Fore

Port Inflow, Aft NA

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 373 Date 09 / 20 / 03 Start 1340 End 1552 Dump 1617

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2.5

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy, wind 10-20 KTS, sea 2-4' / Rain

Water Temp., Surface / Below Mid-Depth

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Deflector

Stbd Draghead OK Deflector OK

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 374 Date 09 / 20 / 03 Start 1642 End 1924 Dump 1952

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2.3

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy, wind 10-15 KTS, sea 3-4'

Water Temp., Surface 83°F Below Mid-Depth

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Deflector

Stbd Draghead OK Deflector OK

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 375 Date 09 / 20 / 03 Start 2030 End 2302 Dump

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy/Rain, wind 15-20 KTS, sea 4-6'

Water Temp., Surface 83° Below Mid-Depth

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Deflector

Stbd Draghead OK Deflector OK

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 376 Date 9 / 21 / 03 Start 2355 End 0221 Dump 0250

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) ENE 15-20k, E 4-6', B=1019, 80°F, 100% CC Rain, Rough condt.

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 377 Date 9 / 21 / 03 Start 0341 End 0708 Dump 0736

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) -Same- rough conditns

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 378 Date 9 / 21 / 03 Start 0817 End 1048 Dump 1109

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) - Same -

Water Temp., Surface 80°F Below Mid-Depth

Are there incidents involving endangered or protected species? @0926 YES **NO**

Note biological samples:

Port Draghead Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft NA DEBRIS: plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T. truncatus	1	1030: inside port — swimming

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 379 Date 9 / 21 / 03 Start 1139 End 1411 Dump 1440

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 3.5

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy, wind 10-15 KTS, Sea 2-3'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 380 Date 09 / 21 / 03 Start 1514 End 1758 Dump 1820

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2.8

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 381 Date 09 / 21 / 03 Start 1843 End 2233 Dump 2252

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 1.9

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy/Rain, wind 5 KTS, Sea 2' swell

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 382 Date 9 / 22 / 03 Start 2315 End 0139 Dump 0158

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) B=1018, Calm, Swell SE 3-5', 74°F, 100% cc Rain

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 383 Date 9 / 22 / 03 Start 0220 End 0434 Dump 0452

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) – Same

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 384 Date 9 / 22 / 03 Start 0513 End 0756 Dump 0824

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) – Same –

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 385 Date 9 / 22 / 03 Start 0925 End 1219 Dump 1245

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 3.1

Weather (wind dir, beaufort, sea state, temp, etc.) P/c, wind 5-10kts, Sea 1-2

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 386 Date 9 / 22 / 03 Start 1305 End 1518 Dump 1542

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2.9

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 387 Date 9 / 22 / 03 Start 1603 End 1854 Dump 1915

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 2.3

Weather (wind dir, beaufort, sea state, temp, etc.) Clear, Wind 5-10kts, Sea 1'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 388 Date 09 / 22 / 03 Start 1934 End 2235 Dump 2259

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage 1.7

Weather (wind dir, beaufort, sea state, temp, etc.) Clear, wind 6-KTS, sea 1

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead _____ Deflector Ok

Stbd Draghead _____ Deflector Ok

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 389 Date 09 / 23 / 03 Start 2329 End 0158 Dump 0214

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) E 10-15 K, SE 1-3', B=10/B, 78°F, 10% cc

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead _____ Deflector Clear

Stbd Draghead Clear Deflector _____

Port Inflow, Fore _____

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore _____

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 390 Date 09 / 23 / 03 Start 0244 End 0444 Dump 0511

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead _____ Deflector Clear

Stbd Draghead Clear Deflector _____

Port Inflow, Fore _____

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore _____

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 391 Date 9/23/03 Start 0538 End 0621 Dump 0652

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) – sand

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Deflector

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

(*) 0830 = Docked for fuel & survey

Load # 392 Date 09/23/03 Start 1710 End 2002 Dump 2035

Location (lat/long, stations) ~~28°55.751' N 95°17.405' W~~ to 28°56.751' N 95°18.222' W TO 28 56.617 95 ~~Tide Stage~~

Weather (wind dir, beaufort, sea state, temp, etc.) Clear, wind TO 5 KTS, Sea Calm

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Deflector

Stbd Draghead OK Deflector OK

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

28° 56.617' N TO 95° 18.444' W

Load # 393 Date 09/23/03 Start 2103 End 2220 Dump 2248

Location (lat/long, stations) ~~28°55.751' N 95°17.405' W~~ to 28°56.751' N 95°18.222' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) P/C wind 5 KTS, Sea 1-2'

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Deflector

Stbd Draghead OK Deflector OK

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 394 Date 9 / 24 / 03 Start 2325 End 0100 Dump 0128

Location (lat/long, stations) ~~28°55.751' N 95°17.405' W~~ to 28°56.751' N 95°18.222' W See 392 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) B=1019, SE 5-10 K, SE 2-3', 78°F, 20% CC

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 395 Date 9 / 24 / 03 Start 0158 End 0418 Dump 0448

Location (lat/long, stations) ~~28°55.751' N 95°17.405' W~~ to 28°56.751' N 95°18.222' W See 392 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) - same

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore → jellyfish

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 396 Date 9 / 24 / 03 Start 0521 End 0707 Dump 0736

Location (lat/long, stations) ~~28°55.751' N 95°17.405' W~~ to 28°56.751' N 95°18.222' W See 392 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) B=1019, SE 5-10K, SE 1-2', 70°F, 40% CC

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 397 Date 9 / 24 / 03 Start 0809 End 1137 Dump 1208

Location (lat/long, stations) ~~28°55.751' N 95°17.405' W~~ to 28°56.751' N 95°18.222' W See prev. Tide Stage 3.5

Weather (wind dir, beaufort, sea state, temp, etc.) B = 1012, SE 5-10 k, SE 1-2', 70 °F, 40 % cc

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft NA

Stbd Inflow, Fore NA — Down for repairs

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 398 Date 09 / 24 / 03 Start 1324 End 1622 Dump 1700

Location (lat/long, stations) ~~28°55.751' N 95°17.405' W~~ to 28°56.751' N 95°18.222' W See prev. Tide Stage 3.7

Weather (wind dir, beaufort, sea state, temp, etc.) P/C, wind 5-10 KTS, Seas 1'

Water Temp., Surface 83° Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead OK Deflector OK

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 399 Date 09 / 24 / 03 Start 1730 End 1900 Dump 1931

Location (lat/long, stations) ~~28°55.751' N 95°17.405' W to~~ 28°56.751' N 95°18.222' W See prev. Tide Stage 2.8

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Deflector

Stbd Draghead OK Deflector OK

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T. truncatus	2	0950: @ intersection; swimming

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 400 Date 09 / 24 /03 Start 2002 End 2100 Dump 2132

Location (lat/long, stations) ~~28°55.751' N 95°17.405' W~~ to 28°56.751' N 95°18.222' W to See 392 Tide Stage 2.1

Weather (wind dir, beaufort, sea state, temp, etc.)

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK Deflector

Stbd Draghead Deflector OK

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 401 Date 9 / 25 /03 Start 2258 End 0115 Dump 0145

Location (lat/long, stations) ~~28°55.751' N 95°17.405' W~~ to 28°56.751' N 95°18.222' W See 392 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 10-15 K, SE 1-3', B=1018, 80°F, 30%, cc

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Clear Deflector

Stbd Draghead Deflector Clear

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 402 Date 9 25 / 03 Start 0212 End 0346 Dump 0417

Location (lat/long, stations) ~~28°56.751' N 95°17.405' W~~ to 28°56.751' N 95°18.222' W See 392 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.)

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Clear Deflector

Stbd Draghead Deflector Clear

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
~~[illegible]~~	~~[illegible]~~	

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 403 Date 9/25/03 Start 0447 End 0819 Dump 0850

Location (lat/long, stations) ~~28°55.751' N 95°17.405' W to~~ 28°56.751' N 95°18.222' W See 392 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) B=1019, SE 2-3', Calm, 80°F, 40% CC

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 404 Date 9/25/03 Start 0950 End 1334 Dump 1404

Location (lat/long, stations) 28°55.751' N ~~95°17.405' W to~~ 28°56.751' N 95°18.222' W See 392 Tide Stage 3.2

Weather (wind dir, beaufort, sea state, temp, etc.) -same-

Water Temp., Surface 83° Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead OK Deflector OK

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 405 Date 09/25/03 Start 1606 End 1717 Dump 1752

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W See 392 Tide Stage 3.7

Weather (wind dir, beaufort, sea state, temp, etc.) AC, wind 5 kts, sea 1'

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead OK Deflector OK

Port Inflow, Fore

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T. truncatus	2	0711: inside jetty, swimming

Observers On Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 406 Date 09 / 25 / 03 Start 1825 End 2227 Dump 2258

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W See 392 Tide Stage 3.3

Weather (wind dir, beaufort, sea state, temp, etc.) Clear & Calm

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector OK

Port Inflow, Fore _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____

Stbd Inflow, Aft _____

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 407 Date 9 / 26 / 03 Start 2330 End 0128 Dump 0155

Location (lat/long, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W See 392 Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) B=1018, SE 5-10k, SE 1-2', 80°F, 20%CC

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector _____

Stbd Draghead _____ Deflector Clear

Port Inflow, Fore _____ debris & plant matter

Port Inflow, Aft NA

Stbd Inflow, Fore _____

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Load # 408 Date 9 / 26 / 03 Start 0228 End 0422 Dump 0449

Location (lat/long, stations) ~~28°55.751' N 95°17.405' W~~ to 28°56.751' N 95°18.222' W See 392 Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector _____

Stbd Draghead _____ Deflector Clear

Port Inflow, Fore _____ debris & plant matter

Port Inflow, Aft NA

Stbd Inflow, Fore _____

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments _____

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: Andrew Jackson / Cary Deringer / IRENE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 4/09 Date 9/26/03 Start 0540 End 0923 Dump 0955

Location (lat/long, stations) ~~28°55.751' N 95°17.405' W~~ to 28°56.751' N 95°18.222' W See 392 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) B=1017, 90% CC, 78°F, lt airs, calm seas

Water Temp., Surface 82°F Below Mid-Depth

Are there incidents involving endangered or protected species? 0800 **YES** **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore Debris & plant matter

Port Inflow, Aft NA

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 4/10 Date 9/26/03 Start 1034 End 13:09 Dump 13:40

Location (lat/long, stations) ~~28°55.751' N 95°17.405' W~~ to 28°56.751' N 95°18.222' W See 392 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) - Same -

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead METAL PIPE Deflector CLEAR

Stbd Draghead CLEAR Deflector

Port Inflow, Fore Flounder / DEBRIS

Port Inflow, Aft

Stbd Inflow, Fore Debris (wood, grass, fishline, plastic)

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 4/11 Date 9/26/03 Start 14:14 End 16:44 Dump 17:14

Location (lat/long, stations) ~~28°55.751' N 95°17.405' W~~ to 28°56.751' N 95°18.222' W See 392 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) B=1016, 40% CC, T Breeze, CALM SEAS, SE 5 KTS, 85°F

Water Temp., Surface - same - Below Mid-Depth

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead Clear Deflector

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore PLANT MATTER, Debris

Port Inflow, Aft

Stbd Inflow, Fore PLANT MATTER, DEBRIS

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Tt	2	13:01 28°56.570' N 95°18.480' W
	2	15:30 inside jetty

Observers On Duty: ~~Andrew Jackson~~ / Cary Deringer / IRENE BRIGA

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 412 Date 9 / 26 / 03 Start 17:43 End 19:43 Dump 20:13

Location (lat/long, stations) 28°55.751' N 95°17.405' W to ~~28°56.751' N 95°18.222' W~~ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) B=1016 / SE ≤5KTS. / CALM SEAS / 5°cc. / 92°F

Water Temp., Surface 82°F Below Mid-Depth

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead clear Deflector

Stbd Draghead clear Deflector OK

Port Inflow, Fore plant matter/debris

Port Inflow, Aft

Stbd Inflow, Fore WOOD, plastics, nylon, tire, cloth, plant matter

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 413 Date 9 / 26 / 03 Start 2043 End 2243 Dump 2312

Location (lat/long, stations) 28°55.751' N 95°17.405' W to ~~28°56.751' N 95°18.222' W~~ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) B=1016 / SE 10 KTS. SE / CLEAR /

Water Temp., Surface 82°F Below Mid-Depth

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead CLEAR Deflector

Stbd Draghead clear Deflector OK

Port Inflow, Fore debris

Port Inflow, Aft

Stbd Inflow, Fore debris

Stbd Inflow, Aft

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 414 Date 9 / 27 / 03 Start 2341 End 0143 Dump 0213

Location (lat/long, stations) 28°55.751' N 95°17.405' W to ~~28°56.751' N 95°18.222' W~~ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead Clear Deflector

Stbd Draghead Deflector Clear

Port Inflow, Fore Debris : plant matter

Port Inflow, Aft NA

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: ~~Andrew Jackson~~ / Cary Deringer / IRENE BRIGA

20:07

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: *Bayport*

Project: Freeport Harbor

Load # 415 Date 9 27 /03 Start [redacted] 0243 End 0423 Dump [redacted] 0450

Location (lat/long, stations) ~~28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W~~ See 392 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) B = 1016, SE 5-10K, SE 1', 80°F, 30% CC

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments * Two Didos picked-up a Kemp's ridley — relocated ≈ 0300

Load # 416 Date 9 / 27 / 03 Start 0520 End 0740 Dump 0807

Location (lat/long, stations) ~~28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W~~ See 392 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) B = 1012, SE 5-10K, SE 1-2', 80°F, 10% CC

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Load # 417 Date 9 / 27 / 03 Start 0851 End 1030 Dump 11:45

Location (lat/long, stations) ~~28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W~~ See 392 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) Same

Water Temp., Surface 82°F Below Mid-Depth _____

Are there incidents involving endangered or protected species? @ 1130 YES **NO**

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore

Port Inflow, Aft NA Debris & plant matter

Stbd Inflow, Fore

Stbd Inflow, Aft NA

Fore Overflow N/A

Aft Overflow N/A

Comments

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observers On Duty: ~~Andrew Jackson~~ / Cary Deringer / IRENE BRIGA

ENDANGERED SPECIES OBSERVER PROGRAM

9-27-2003

Dredge: Bayport

Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 4; 28°56.715'N / 95°18.222'W TO 28°56.617'N / 95°18.444'W

Weather (wind –direction and strength, sea state, temp., etc,): ESE 10-15K, ESE 1-2', 82°F, B=1018, 10% cc SE 5KTS, SEAS <1', 10% cc, B=1017 Tide Stage:

Water Temp. (Surface): 82°F Time: AM 16:25 (Below Mid-Depth): — Time: —

Load # 418 Date 9 / 27 /03 Start 12:40 End 14:19 Dump 14:51

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Rock/clear Deflector: Clear

Stbd Draghead: clear Deflector: Clear

Port Inflow, Fwd:

Port Inflow, Aft: ~~N/A~~ debris

Stbd Inflow, Fwd: ~~wood/debris~~

Stbd Inflor, Aft: ~~N/A~~ wood, debris, plant matter, whelk egg case

Fwd Overflow: ~~N/A~~

Aft Overflow: N/A

Comments: Had to use aft inflows as repairs were needed on port fore inflow

Load # 419 Date 9 / 27 /03 Start 1520 End 1907 Dump 1935

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: MUD Deflector:

Stbd Draghead: clear Deflector: OK

Port Inflow, Fwd: debris (plastic, alumin. cans, rags, fishline & hooks, netting, wood)

Port Inflow, Aft: N/A

Stbd Inflow, Fwd: debris

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments: cannonball jellyfish observed in sea where digging using fore doors only.

Load # 420 Date 9 / 27 /03 Start 20:07 End 22:06 Dump 22:36

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: clear Deflector:

Stbd Draghead: clear Deflector: OK

Port Inflow, Fwd: Plant matter, wood, debris, rubber

Port Inflow, Aft: N/A

Stbd Inflow, Fwd: Plant matter, wood, debris

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments:

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment
T. truncatus	2	1000 @ intersect's: swimming
T+	5	13:42 @ intersection of Intercoastal / slow travel
T+	3	16:32 around intersection & channel. (1 calf or juvenile) / out bound

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 4; 28°56.715'N / 95°18.222'W TO 28°56.617'N / 95°18.444'W

Weather (wind –direction and strength, sea state, temp., etc,): B=1017, calm seas <1', Lt. airs, 80°F, 40% cc

Tide Stage:

Water Temp. (Surface): Time: (Below Mid-Depth): Time:

Load # 421 Date 9/28/03 Start 23:18 End 0143 Dump 0206

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector:

Stbd Draghead: Deflector: Clear

Port Inflow, Fwd: Debris & plant matter

Port Inflow, Aft: N/A

Stbd Inflow, Fwd:

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments:

Load # 422 Date 9/28/03 Start 0237 End 0410 Dump 0439

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector:

Stbd Draghead: Deflector: Clear

Port Inflow, Fwd: Debris & plant matter → 1/2 of a redfish

Port Inflow, Aft: N/A

Stbd Inflow, Fwd:

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments:

Load # 423 Date 9/28/03 Start 0512 End 0711 * Dump 0745

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector:

Stbd Draghead: Deflector: Clear

Port Inflow, Fwd: Debris & plant matter

Port Inflow, Aft: N/A

Stbd Inflow, Fwd:

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments: * Delay for shipping

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport
Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 4; 28°56.715'N / 95°18.222'W TO 28°56.617'N / 95°18.444'W
Weather (wind –direction and strength, sea state, temp., etc,): E'ly 10-15, E'ly 2-3', 10% cc, B= 1019, 78°F 80°F @ 16:10 Tide Stage:
Water Temp. (Surface): 81°F Time: @ 1020 (Below Mid-Depth): — Time: —

Load # 424 Date 9/28/03 Start 0903 End 1113 Dump 13:35

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector: Clear
Stbd Draghead: Deflector:
Port Inflow, Fwd: Clay, Debris, plant matter
Port Inflow, Aft: N/A
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments:

Load # 425 Date 9/28/03 Start 14:57 End 16:20 Dump 17:00

E'ly 20 kts, 3-4' seas B-1020 10% cc

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear (jelly fish) Deflector: Clear
Stbd Draghead: Deflector:
Port Inflow, Fwd: mud, debris, plant matter
Port Inflow, Aft: N/A
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: Delays due to shipping. * Two Bidos docked Coast Guard Boarded down until 9/30 AM

Load # 426 Date 9/28/03 Start 17:51 End 21:52 Dump 22:30

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples: NE -15-20 6-7' Swell

Port Draghead: Clear Deflector:
Stbd Draghead: Deflector: Clear
Port Inflow, Fwd: debris / Plant matter
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: debris / Plant matter
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: Delays due to shipping

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment
TT	3	16:25 end of jetty outbound.

Observers On Duty: Cary Deringer / Irene Briga

9-29-03

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 4; 28°56.715'N / 95°18.222'W TO 28°56.617'N / 95°18.444'W

Weather (wind –direction and strength, sea state, temp., etc,): NE 15-23 k, E 5-6', B=1020, 76°F [redacted], 10% CC

Tide Stage:

Water Temp. (Surface): 78°F Time: 1030 (Below Mid-Depth): — Time: —

Load # 427 Date 9/29/03 Start 2258 End 0135 Dump 0212

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector: Clear

Stbd Draghead: Deflector:

Port Inflow, Fwd: plant matter & debris

Port Inflow, Aft: N/A

Stbd Inflow, Fwd:

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments:

Load # 428 Date 9/29/03 Start 0253 End 0644 Dump 0714

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector: Clear

Stbd Draghead: Deflector:

Port Inflow, Fwd: Debris & plant matter

Port Inflow, Aft: N/A

Stbd Inflow, Fwd:

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments:

Load # 429 Date 9/29/03 Start 0758 End 1035 Dump

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector: Clear

Stbd Draghead: Deflector:

Port Inflow, Fwd: [redacted] Debris & plant matter

Port Inflow, Aft: N/A

Stbd Inflow, Fwd: [redacted] (*)

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments: (*) Stbd arm down for repairs for most of load time.

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 4; 28°56.715'N / 95°18.222'W TO 28°56.617'N / 95°18.444'W

Weather (wind –direction and strength, sea state, temp., etc,): E'ly 20-25 KTS, ~~6-7~~ 5-6' swell, 3-4' SEAS 83°F, B=1022 20% cc. Tide Stage: /

Water Temp. (Surface): 78°F Time: 15:30 (Below Mid-Depth): Time: /

Load # 430 Date 9/29/03 Start 13:40 End 16:21 Dump 16:52

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: grass
Stbd Draghead: Rag
Deflector:
Deflector: OK
Port Inflow, Fwd: mud/debris - stainless steel cooking pot/wood
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: mud/debris, wood & plant matter
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments:

Load # 431 Date 9/29/03 Start 17:36 End 19:55 Dump 2029

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: debris
Stbd Draghead:
Deflector:
Deflector: OK
Port Inflow, Fwd: Plant matter/debris
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: Plant matter/debris
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments:

Load # 432 Date 9/29/03 Start 2107 End 0110 ~~Dump~~ 0141

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear
Stbd Draghead:
Deflector:
Deflector: Clear
Port Inflow, Fwd: debris & plant matter
Port Inflow, Aft: N/A
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: waiting on traffic.

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment
Tt	3	15:32 intersection feeding & milling (resident population)

Observers On Duty: Cary Deringer / Irene Briga

434

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 4; 28°56.715'N / 95°18.222'W TO 28°56.617'N / 95°18.444'W

Weather (wind –direction and strength, sea state, temp., etc,): B=1022.5, SE 18-23 K, SE 5-7' 65°F, 10% CC Tide Stage:

Water Temp. (Surface): Time: (Below Mid-Depth): Time:

Load # 433 Date 9/30/03 Start 0325 End 0649 Dump 0724

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector: Clear

Stbd Draghead: Deflector:

Port Inflow, Fwd: Debris: plant matter

Port Inflow, Aft: N/A

Stbd Inflow, Fwd:

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments: * → Docked @ 0735 → Docked for survey of areas completed — waited for weather

Load # 434 Date 10/3/03 Start 0735 End 1024 Dump 1052

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector: Clear

Stbd Draghead: Deflector:

Port Inflow, Fwd: Debris: plant matter

Port Inflow, Aft: N/A

Stbd Inflow, Fwd:

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Weather: NE 1-3', NE 15 K, B=1021, 76°F 5% CC,

Comments: (*) 9-30 to 10-3: waited for survey; sect'ns #'s 3/4/5

Load # 435 Date 10/3/03 Start [redacted] 11:10 End [redacted] 12:47 Dump 13:20

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector: OK

Stbd Draghead: Deflector:

Port Inflow, Fwd: minute amt. of plant m. + debris

Port Inflow, Aft: N/A

Stbd Inflow, Fwd:

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments: going over areas already dug (SECTION 4)

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment
TT	3	11:35 Intersection

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Oct. 3, 2003

Dredge: Bayport
Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 4; 28°56.715'N / 95°18.222'W TO 28°56.617'N / 95°18.444'W
Weather (wind –direction and strength, sea state, temp., etc,): SE 10-15 KTS, 4-6' swell 1-2' seas, BSS-3, 10% CC 76°F B=1021 Tide Stage:
Water Temp. (Surface): Time: (Below Mid-Depth): Time:

Load # 436 Date 10 / 3 /03 Start 1348 End 15:32 Dump 16:01
Are there incidents involving endangered or protected species? **YES** **NO**
Note biological samples:

Port Draghead: clear Deflector: OK
Stbd Draghead: Deflector:
Port Inflow, Fwd: clear
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: clear
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: clean up - Boxes clean

Load # 437 Date 10-3 /03 Start 1630 End 1858 Dump 19:24
Are there incidents involving endangered or protected species? **YES** **NO**
Note biological samples:

Port Draghead: clear Deflector: OK
Stbd Draghead: Deflector:
Port Inflow, Fwd: debris (sm. amt.)
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: wood, plant matter, Tarp
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: Slimy mud, silt, sm. amt. clay

Load # 438 Date 10 / 3 /03 Start 1952 End 2247 Dump 2320
Are there incidents involving endangered or protected species? **YES** **NO**
Note biological samples:

Port Draghead: debris Deflector: OK
Stbd Draghead: clear Deflector:
Port Inflow, Fwd: debris, plant m. shell oyster
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: debris / plant m.
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments:

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment
Tt	5	1628 (repeats observed ~~all day~~ in site digging area during day flute)

Observers On Duty: Cary Deringer / Irene Briga

Oct. 4

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 4; 28°56.715'N / 95°18.222'W TO 28°56.617'N / 95°18.444'W

Weather (wind –direction and strength, sea state, temp., etc,): B=1020, SE 5-10K, SE 2-4', 70°F, 10% cc Tide Stage:

Water Temp. (Surface): 76°F Time: 1040 (Below Mid-Depth): Time:

Load # 439 Date 10 / 4 /03 Start 2348 End 0250 Dump 0320

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector:
Stbd Draghead: Deflector: Clear
Port Inflow, Fwd:
Port Inflow, Aft: N/A
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: Debris & plant matter

Load # 440 Date 10 / 4 /03 Start 0350 End 0655 Dump ~~0725~~ 0725

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector:
Stbd Draghead: Deflector: Clear
Port Inflow, Fwd:
Port Inflow, Aft: N/A
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: plant matter & fishing line / hooks

Load # 441 (*) Date 10 / 4 /03 Start 0755 End 1045 Dump 1106

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector:
Stbd Draghead: Deflector: Clear
Port Inflow, Fwd:
Port Inflow, Aft: N/A
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: plant matter some debris

(*) Section 3 * 441 (start) sat/sun

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station #~~4~~ 3 & 4 28°56.715'N / 95°18.222'W TO 28°~~56.617~~ 55.751'N / 95°~~18.444~~ 17.405'W

Weather (wind –direction and strength, sea state, temp., etc,): B=1020, ~~[illegible]~~ SE 2-3', 74°F, 20% cc SE 10-12k Tide Stage:

Water Temp. (Surface): Time: (Below Mid-Depth): Time:

Load # 442 Date 10 / 4 /03 Start 1130 End 1430 Dump 14:57

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Debris
Stbd Draghead:
Deflector: OK
Deflector:
Port Inflow, Fwd: grass/debris/shell oyster
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: grass/debris mud
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: ALOT of silty slimy MUD.

Load # 443 Date 10 / 4 /03 Start 1520 End 1916 Dump 1937

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples: SECT. #4

Port Draghead: Clear
Stbd Draghead:
Deflector: OK
Deflector:
Port Inflow, Fwd: clear
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: clear
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: Clean load

Load # 444 Date 10 / 4 /03 Start 2004 End 2300 Dump 2324

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: OK debris
Stbd Draghead:
Deflector: OK
Deflector:
Port Inflow, Fwd: Plant matter/debris
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: debris/plant matter
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments:

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment
TT	7	1440 buoy #7 surfing
TT	2	1843 intersection

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Oct. 5,

Dredge: Bayport

Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 4; #3 28°56.715'N / 95°18.222'W TO 28°56.617'N / 95°18.444'W

Weather (wind –direction and strength, sea state, temp., etc,): ENE 5K, E 1-2', 76°F, B=1020, 30'/CC Tide Stage:

Water Temp. (Surface): 78°F Time: 1030 (Below Mid-Depth): Time:

Load # 445 Date 10 / 5 /03 Start 2345 End 0245 Dump 0312

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector: Clear
Stbd Draghead: Deflector:
Port Inflow, Fwd: Debris & plant matter
Port Inflow, Aft: N/A
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: Clean up on SECT. 3 & 4

Load # 446 Date 10 / 5 /03 Start 0336 End 0655 Dump 0715

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector: Clear
Stbd Draghead: Deflector:
Port Inflow, Fwd: Debris & plant matter
Port Inflow, Aft: N/A
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments:

Load # 447 Date 10 / 5 /03 Start 0739 (*) End 1314 Dump 1334

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples: SECT. #3

Port Draghead: CLEAR Deflector: OK
Stbd Draghead: Deflector:
Port Inflow, Fwd: Debris - Plant matter
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: Lg. Log. NET, PLANT MATTER, Debris
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: (*) 0750 - 0850 — Delay for shipping

Two Dido's Turtle Trawling

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment
Lt	6-8	12:59 outside jetty Buoy # 7
~~Lt~~	~~6-8~~	

Observers On Duty: Cary Deringer / Irene Briga

OCT. 5

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # ~~4~~ 3, 28°56.715'N / 95°18.222'W TO 28°56.617'N / 95°18.444'W

Weather (wind –direction and strength, sea state, temp., etc,): SE 8-10 KTS, Low E'ly swell, BSS 2 1' seas, mostly clear T=82°F B=1020 Tide Stage:

Water Temp. (Surface): 78°F Time: 17:02 (Below Mid-Depth): / Time:

Load # 448 Date 10 / 5 /03 Start 1356 End 1806 Dump 1826

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: debris Deflector:
Stbd Draghead: line Deflector: OK
Port Inflow, Fwd: debris / p.m.
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: Debris / p.m.
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: clean up on sect. 3

Load # 449 Date 10 / 5 /03 Start 1852 End 2202 Dump 2223

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Deflector:
Stbd Draghead: OK Deflector: OK
Port Inflow, Fwd: debris / plant m.
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: p.m. debris
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: clean up on sect. 3

oct. 6 Load # 450 Date 10 / 6 /03 Start 2243 End 0030 Dump 0050

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector:
Stbd Draghead: Deflector: Clear
Port Inflow, Fwd:
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: plant matter & clay - some debris
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments:

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment
Tt	6-8	16:30 outside jetty Buoy #7

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

(*) #452 → Station #5

Location (Lat/Long, stations): Station # 4; 28°56.715'N / 95°18.222'W TO 28°56.617'N / 95°18.444'W

Weather (wind –direction and strength, sea state, temp., etc,):

Tide Stage:

Water Temp. (Surface): Time: (Below Mid-Depth): Time:

Load # 451 Date 10/6/03 Start 0109 End 0455 Dump 0524

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector: Clear
Stbd Draghead: Deflector:
Port Inflow, Fwd:
Port Inflow, Aft: N/A Debris & plant matter
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: (*) Last Load for sect'ns 3 & 4 clean-up

Load # 452 Date 10/6/03 Start 0545 End 0711 Dump 0717

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector: Clear
Stbd Draghead: Deflector:
Port Inflow, Fwd:
Port Inflow, Aft: N/A Debris & plant matter
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: (*) Section #5 from this load on

Load # 453 Date 10/6/03 Start 0730 End 0914 Dump 0919

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector: Clear
Stbd Draghead: Deflector:
Port Inflow, Fwd:
Port Inflow, Aft: N/A Debris & plant matter
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: (*) section #5

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport
Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 5; 28°54.091'N / 95°15.437'W TO 28°54.456'N / 95°16.217'W
Weather (wind –direction and strength, sea state, temp., etc,): B=1020, SE 10 K, SE 1-2', 80°F-84°F 3-4' Swell 80% CC Tide Stage:
Water Temp. (Surface): 80°F Time: 0930 (Below Mid-Depth): — Time: —

Load # 454 Date 10 / 6 /03 Start 0929 End 1100 Dump 1108

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: clear
Stbd Draghead:
Port Inflow, Fwd: Debris & plant matter
Port Inflow, Aft: N/A
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Deflector: clear
Deflector:
Comments:

Load # 455 Date 10 / 6 /03 Start 1120 End 1300 Dump 1316

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: debris
Stbd Draghead: debris
Port Inflow, Fwd: debris / plant m.
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: Debris / plant m.
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Deflector: OK
Deflector:
Comments: YUCK! AN abundance of human generated debris (primarily fishing gear). Material: pudding consistency of slimy mud & clay. 1" thick everyw in Boxes

Load # 456 Date 10 / 6 /03 Start 1328 End 15:15 Dump 15:29

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: debris
Stbd Draghead: debris
Port Inflow, Fwd: debris
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: debris
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Deflector: OK
Deflector:
Comments: ~~soupy that~~ Thick soupy 6" deep slime on top of Boxes. Debris

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 5; 28°54.091'N / 95°15.437'W TO 28°54.456'N / 95°16.217'W

Weather (wind –direction and strength, sea state, temp., etc,): SE 5-10, 1-2' SEAS, 3-4' E'ly Swell 80% CC RAIN Tide Stage:

Water Temp. (Surface): 80°F Time: (Below Mid-Depth): Time:

Load # 457 Date 10 / 6 /03 Start 15:45 End 17:13 Dump 17:25

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: TRASH Deflector:
Stbd Draghead: Deflector: OK
Port Inflow, Fwd: TRASH / CLAY / Plant matter
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: TRASH / CLAY / Plant matter
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: SLIMY MUD-STINKS (TOXIC? - should the corp. do A core sample to see if it is toxic?).

Load # 458 Date 10 / 6 /03 Start 17:54 End 20:56 Dump 21:32

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Deflector:
Stbd Draghead: Clear Deflector: OK
Port Inflow, Fwd: clear / Lg. LOG
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: clear
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: Dredging in SECT. #4 for clean up

Load # 459 Date 10 / 6 /03 Start 21:42 End 23:00 Dump 23:13

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples: SECT. 5

Port Draghead: TRASH Deflector:
Stbd Draghead: Deflector: OK
Port Inflow, Fwd: TRASH / Clay / grass
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: TRASH / clay / grass
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: BACK TO Sect. 5 SAME

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 5; 28°54.091'N / 95°15.437'W TO 28°54.456'N / 95°16.217'W

Weather (wind direction and strength, sea state, temp., etc,): SE 5-10 K, SE 1-21, 78°F, B=1018, 40%, CC Tide Stage: _____

Water Temp. (Surface): _____ Time: _____ (Below Mid-Depth): _____ Time: _____

Load # 460 Date 10 / 7 /03 Start 2328 End 0100 Dump 0110

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector: Clear

Stbd Draghead: Deflector:

Port Inflow, Fwd: plant matter & Debris

Port Inflow, Aft: N/A

Stbd Inflow, Fwd:

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments:

Load # 461 Date 10 / 7 /03 Start 0124 End 0300 Dump 0315

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector: Clear

Stbd Draghead: Deflector:

Port Inflow, Fwd: Debris & plant matter

Port Inflow, Aft: N/A

Stbd Inflow, Fwd:

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments:

Load # 462 Date 10 / 7 /03 Start 0329 End 0500 Dump 0515

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector: Clear

Stbd Draghead: Deflector:

Port Inflow, Fwd: plant matter & Debris

Port Inflow, Aft: N/A

Stbd Inflow, Fwd:

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments:

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 5; 28°54.091'N / 95°15.437'W TO 28°54.456'N / 95°16.217'W

Weather (wind –direction and strength, sea state, temp., etc,): 78°F, 30% CC, B=1018.5, SE 5k, SE Swell 2'

Tide Stage:

Water Temp. (Surface): 80°F Time: 1005 (Below Mid-Depth): Time:

Load # 463 Date 10/7/03 Start 0530 End 0656 Dump 0708

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: clear
Stbd Draghead:
Port Inflow, Fwd:
Port Inflow, Aft: N/A
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments:

Deflector: clear
Deflector:

Debris & plant matter

Load # 464 Date 10/7/03 Start 0720 End 0850 Dump 0900

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: clear
Stbd Draghead:
Port Inflow, Fwd:
Port Inflow, Aft: N/A
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments:

Deflector: clear
Deflector:

Lots of Debris & plant matter → lg. clay chunks

Load # 465 Date 10/7/03 Start 0910 End 1051 Dump 1059

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: some trash
Stbd Draghead:
Port Inflow, Fwd:
Port Inflow, Aft: N/A
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments:

Deflector: clear
Deflector:

Debris & plant matter

(*) Gate was (left) open (?) from previous load

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport
Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 5; 28°54.091'N / 95°15.437'W TO 28°54.456'N / 95°16.217'W
Weather (wind –direction and strength, sea state, temp., etc,): NE 10-15KTS, 1-2' seas, low cloud cover BSS 3↑, 30% cc, B=1020, T=88°F Tide Stage: _____
Water Temp. (Surface): _____ Time: _____ (Below Mid-Depth): _____ Time: _____

Load # 466 Date 10 / 7 /03 Start 11:16 End 13:07 Dump 13:15
Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: debris (fish. gear netting, lines) Deflector: OK
Stbd Draghead: Deflector:
Port Inflow, Fwd: debris / grass
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: grass / debris
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments:

Load # 467 Date 10 / 7 /03 Start 13:28 End 15:15 Dump 15:31
Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: netting Deflector: OK
Stbd Draghead: line Deflector:
Port Inflow, Fwd: plant matter, debris (fish g)
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: plant matter, debris (fish gear)
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: material not as thick silty mud

Load # 468 Date 10 / 7 /03 Start 15:43 End 17:47 Dump 17:54
Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: fish line Deflector: OK
Stbd Draghead: netting Deflector:
Port Inflow, Fwd: debris / fishing gear + pleasure craft debris & plant matter
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: debris
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments:

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 5; 28°54.091'N / 95°15.437'W TO 28°54.456'N / 95°16.217'W

Weather (wind –direction and strength, sea state, temp., etc,): NE 10-15KTS, 3-4' SEAS, E'LY SWELL, BSS 4, 40% CC

Tide Stage:

Water Temp. (Surface): 80° F Time: 18:25 (Below Mid-Depth): Time:

Load # 469 Date 10 / 7 /03 Start 18:06 End 20:04 Dump 2012

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: debris (fish line) Deflector:
Stbd Draghead: Deflector: OK
Port Inflow, Fwd: debris / plant matter
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: debris plant matter
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments:

Load # 470 Date 10 / 7 /03 Start 2023 End 2245 Dump 2255

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: debris Deflector:
Stbd Draghead: Deflector: OK
Port Inflow, Fwd: plant matter / debris
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: plant m / debris
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments:

Load # 471 Date ~~7~~/~~8~~ 10/8 /03 Start 2308 End 0116 Dump 0124

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Debris Deflector: Clear
Stbd Draghead: Deflector:
Port Inflow, Fwd:
Port Inflow, Aft: N/A Debris & plant matter
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments:

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment

Observers On Duty: Cary Deringer / Irene Briga

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ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 5; 28°54.091'N / 95°15.437'W TO 28°54.456'N / 95°16.217'W

Weather (wind –direction and strength, sea state, temp., etc,): B=1019.5 CC=10%, SE 10-12k, SE 2', 76°F Tide Stage: _____

Water Temp. (Surface): _____ Time: _____ (Below Mid-Depth): _____ Time: _____

Load # 472 Date 10 / 8 /03 Start 0138 End 0406 Dump 0417

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector: Clear

Stbd Draghead: Deflector:

Port Inflow, Fwd:

Port Inflow, Aft: N/A

Stbd Inflow, Fwd: Debris & plant matter

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments:

Load # 473 Date 10 / 8 /03 Start 0430 End 0615 Dump 0625

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector: Clear

Stbd Draghead: Deflector:

Port Inflow, Fwd:

Port Inflow, Aft: N/A

Stbd Inflow, Fwd: Debris & plant matter

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments: (*) Both Doors (Left?) open

Load # 474 Date 10 / 8 /03 Start 0638 End 0810 Dump 0837

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector: Clear

Stbd Draghead: Deflector:

Port Inflow, Fwd:

Port Inflow, Aft: N/A

Stbd Inflow, Fwd: Debris & plant matter

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments:

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 5; 28°54.091'N / 95°15.437'W TO 28°54.456'N / 95°16.217'W

Weather (wind –direction and strength, sea state, temp., etc,): SE 21, 82°F, SE 10-12K, 50% cc B = 1020 Tide Stage:

Water Temp. (Surface): 79°F Time: 0940 (Below Mid-Depth): Time:

Load # 475 Date 10 / 8 /03 Start 0851 End 1038 Dump 1047

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Debris – cable & nets Deflector: Packed w/ clay

Stbd Draghead: Deflector:

Port Inflow, Fwd:

Port Inflow, Aft: N/A

Stbd Inflow, Fwd: (*) plant matter & debris → lg. amt. of clay in Stbd box

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments: (*) Both doors open — hydraulic leak? talked to Drag tender re: prob.

Load # 476 Date 10 / 8 /03 Start 1101 End 1308 Dump 1315

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Debris Deflector: Clay

Stbd Draghead: Deflector:

Port Inflow, Fwd: clay, huge rock, debris, plant matter

Port Inflow, Aft: N/A

Stbd Inflow, Fwd: plant matter / debris

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments:

Load # 477 Date 10 / 8 /03 Start 1327 End 1535 Dump 1541

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clay – TRASH Deflector: clay

Stbd Draghead: Deflector: ~~clay~~

Port Inflow, Fwd: clay – drippy crap / debris

Port Inflow, Aft: N/A

Stbd Inflow, Fwd: nets ect. TRash

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments: Big globs of clay – an abundance of trash. toxic smell

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 5; 28°54.091'N / 95°15.437'W TO 28°54.456'N / 95°16.217'W

Weather (wind –direction and strength, sea state, temp., etc,): E 15KTS, SEAS: 2-3', BSS 4, 70% CC AIR T = 80°F B = 1019 Tide Stage: _____

Water Temp. (Surface): _____ Time: _____ (Below Mid-Depth): _____ Time: _____

Load # 478 Date 10 / 8 /03 Start 1552 End 1758 Dump 1807

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clay / Trash
Stbd Draghead:
Deflector:
Deflector: OK Clay
Port Inflow, Fwd: debris
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: debris
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments:

Load # 479 Date 10/ 8 /03 Start 1818 End 2018 Dump 2030

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clay
Stbd Draghead:
Deflector:
Deflector: Clay
Port Inflow, Fwd: debris / grass m
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: debris / grass m
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments:

Load # 480 Date 10 / 8 /03 Start 2042 End 2248 Dump 2256

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clay Trash
Stbd Draghead:
Deflector:
Deflector: Clay
Port Inflow, Fwd: debris / grass m
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: debris / grass m
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments:

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport
Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 5; 28°54.091'N / 95°15.437'W TO 28°54.456'N / 95°16.217'W
Weather (wind –direction and strength, sea state, temp., etc,): B-10/8, S 15-18k, S 2-4', 78°F, 50% cc, Rough Tide Stage:
Water Temp. (Surface): Time: (Below Mid-Depth): Time:

Load # 481 Date 10 / 9 /03 Start 2307 End 0050 Dump 0104

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear / some debris & clay Deflector: Clear
Stbd Draghead: Deflector: Clay
Port Inflow, Fwd:
Port Inflow, Aft: N/A Debris & plant matter
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments:

Load # 482 Date 10 / 9 /03 Start 0120 End 0320 Dump 0330

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Some Debris Deflector: Clay
Stbd Draghead: Deflector:
Port Inflow, Fwd:
Port Inflow, Aft: N/A Debris & plant matter
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments:

Load # 483 Date 10 / 9 /03 Start 0343 End 0530 Dump 0540

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector: Clear
Stbd Draghead: Deflector:
Port Inflow, Fwd: Debris & plant matter
Port Inflow, Aft: N/A
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments:

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 5; 28°54.091'N / 95°15.437'W TO 28°54.456'N / 95°16.217'W

Weather (wind –direction and strength, sea state, temp., etc,): B = 1018, S 15-18K, S2-4', 50% CC 78°F Rough RAIN! Tide Stage: ____

Water Temp. (Surface): 80°F Time: 0943 (Below Mid-Depth): — Time: —

Load # 484 Date 10 / 9 /03 Start 0600 End 0757 Dump 0806

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clay
Stbd Draghead: Clay
Port Inflow, Fwd: Clay & Debris & plant matter
Port Inflow, Aft: N/A
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments:

Deflector: Clay
Deflector: Clay

Load # 485 Date 10 / 9 /03 Start 0828 End 1035 Dump 1047

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clay & some debris
Stbd Draghead:
Port Inflow, Fwd: (*)
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: (*)
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: Doors wide open * Some plant matter & clay did not have them opened to clean last load ∴ not left open from load 484).

Deflector: Clay
Deflector: Clay

Load # 486 Date 10 / 9 /03 Start 1104 End 1307 Dump 1315

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clay cable
Stbd Draghead:
Port Inflow, Fwd: Big Chunks of clay | screen covered | plant matter | fish, debris wood
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: plant matter, debris, wood
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: Port Inflow screen totally clogged w/ clay – some debris. A lot of ARM/Finger hand power needed to manually unplug... Done.

Deflector: Clay
Deflector:

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport
Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 5; 28°54.091'N / 95°15.437'W TO 28°54.456'N / 95°16.217'W
Weather (wind –direction and strength, sea state, temp., etc,): S 10-15 KTS 2-4' seas B=1016.5 / 85°F / Ptly sunny Tide Stage:
Water Temp. (Surface): 79°F Time: 13:45 (Below Mid-Depth): / Time:

Load # 487 Date 10 / 9 /03 Start 13:55 End 1517 Dump 1524
Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear (sm. amt. debris) Deflector: Clear
Stbd Draghead: Deflector:
Port Inflow, Fwd: clay / fm amt. fish gear
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: sm. amt fish. gear nets & nylon line
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments:

Load # 488 Date 10 / 9 /03 Start 15:38 End 1734 Dump 1743
Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clay Deflector: clay
Stbd Draghead: fishnet / cable Deflector: clear
Port Inflow, Fwd: debris / plant matter
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: debris / plant matter
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: tightening / rain

Load # 489 Date 10 / 9 /03 Start 1752 End 1956 Dump 2004
Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: clay – Deflector: clay
Stbd Draghead: clay – debris Deflector: clay
Port Inflow, Fwd: debris
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: debris
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: —

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport
Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 5; 28°54.091'N / 95°15.437'W TO 28°54.456'N / 95°16.217'W
Weather (wind –direction and strength, sea state, temp., etc,): Rain - lightening - BAD WX. BSS 5
80°F S 5-10 K, SE 2', B= 1015 Tide Stage: _____
Water Temp. (Surface): _____ Time: _____ (Below Mid-Depth): _____ Time: _____

Load # 490 Date 10 / 9 /03 Start 2022 End 2226 Dump 2233

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: clear
Stbd Draghead: clay / fish net
Port Inflow, Fwd: plant matter, plastic
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: rope, wood, plant matter, debris
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Deflector: clear
Deflector: clear
Comments:

Load # 491 Date 10 / 9/10/03 Start 2242 End 0100 Dump 0115

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: netting
Stbd Draghead: clear
Port Inflow, Fwd: debris & plant matter
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: clear
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Deflector: clear
Deflector: clear
Comments:

Load # 492 Date 10 / 10/03 Start 0125 End 0325 Dump 0335

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: clear
Stbd Draghead: plant matter
Port Inflow, Fwd: & debris
Port Inflow, Aft: N/A
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Deflector: clear
Deflector: clear
Comments:

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 5; 28°54.091'N / 95°15.437'W TO 28°54.456'N / 95°16.217'W

Weather (wind –direction and strength, sea state, temp., etc,): B=1018, 40% CC, S 5-10k, SE 2-3', 80°F

Tide Stage:

Water Temp. (Surface): 80°F Time: 0930 (Below Mid-Depth): — Time: —

Load # 493 Date 10 / 10 /03 Start 0343 End 0550 Dump 0600

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector: Clear

Stbd Draghead: Deflector:

Port Inflow, Fwd: plant matter & Debris

Port Inflow, Aft: N/A

Stbd Inflow, Fwd:

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments:

Load # 494 Date 10 / 10 /03 Start 0610 End 0816 Dump 0820

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clay, ~~[illegible]~~ Debris Deflector: Some clay

Stbd Draghead: Clear Deflector: Clear

Port Inflow, Fwd: plant matter & debris

Port Inflow, Aft: N/A

Stbd Inflow, Fwd:

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments: (*) Two Didos stopped trawling ≈ 0700 & anchored for repairs

Load # 495 Date 10 / 10 /03 Start 0850 End 1102 Dump 1107

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector: Clear

Stbd Draghead: Deflector:

Port Inflow, Fwd: Debris & plant matter & shells

Port Inflow, Aft: N/A

Stbd Inflow, Fwd:

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments:

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 5; 28°54.091'N / 95°15.437'W TO 28°54.456'N / 95°16.217'W

Weather (wind –direction and strength, sea state, temp., etc,): NE 10 KTS, 1-2' seas, BSS 3 low E'ly swell 90% CC BP 1014 T=85°F Tide Stage: ____

Water Temp. (Surface): 80°F Time: 0930 (Below Mid-Depth): — Time: —

Load # 496 Date 10 / 10 /03 Start 1118 End 1331 Dump 1338

79°F 15:05

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: clear Deflector: OK

Stbd Draghead: clay/line Deflector:

Port Inflow, Fwd: clay, plant matter, debris, net, rocks, steel, nylon line - wood, plastic

Port Inflow, Aft: N/A

Stbd Inflow, Fwd: plant matter, debris

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments: Two Dido's stopped Trawling @ 07:00 To resume @ 12:00.

Load # 497 Date 10 / 10 /03 Start 1350 End 1558 Dump 1606

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: clear Deflector: OK clay

Stbd Draghead: clay Deflector:

Port Inflow, Fwd: fishing gear trash / sea grass

Port Inflow, Aft: N/A

Stbd Inflow, Fwd: fishing gear " " "

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments: Two Dido's trawling

Load # 498 Date 10 / 10 /03 Start 1628 End 1807 Dump 1814

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: net Deflector: clay

Stbd Draghead: nylon line, clay Deflector: OK

Port Inflow, Fwd: netting, plastic, cloth, foundg

Port Inflow, Aft: N/A

Stbd Inflow, Fwd: debris

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments:

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 5; 28°54.091'N / 95°15.437'W TO 28°54.456'N / 95°16.217'W

Weather (wind –direction and strength, sea state, temp., etc,): NE 10KTS

Tide Stage:

Water Temp. (Surface): 79°F Time: 15:05 (Below Mid-Depth): / Time:

Load # 499 Date 10/10/03 Start 1826 End 2034 Dump 2044

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: clay, rope Deflector: clear

Stbd Draghead: clay, fish line Deflector: clay

Port Inflow, Fwd: clay, debris

Port Inflow, Aft: N/A

Stbd Inflow, Fwd: wood, debris

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments:

Load # 500 Date 10/10/03 Start 2054 End 2236 Dump 2246

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: nylon line clay Deflector: clear

Stbd Draghead: clay, fish line, cloth Deflector: clay

Port Inflow, Fwd: clay, tin, cloth

Port Inflow, Aft: N/A

Stbd Inflow, Fwd: wood, fish net ect.

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments:

Load # 501 Date 10/11/03 Start 2256 End 0035 Dump 0048

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector: Packed w/ clay

Stbd Draghead: Debris Deflector: Some clay

Port Inflow, Fwd: Clay → Debris & plant matter

Port Inflow, Aft: N/A

Stbd Inflow, Fwd:

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments:

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 5; 28°54.091'N / 95°15.437'W TO 28°54.456'N / 95°16.217'W

Weather (wind –direction and strength, sea state, temp., etc,): B=1014, NE 5-8K, NE 1', 76°F 90% CC Full moon (11) Tide Stage: _____

Water Temp. (Surface): 80°F Time: 0920 (Below Mid-Depth): _____ Time: _____

Load # 502 Date 10 / 11 /03 Start 0059 End 0340 Dump 0350

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Debris
Stbd Draghead: clay, Debris
Port Inflow, Fwd: clay, plant matter, debris
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: large shrimp net, debris & plant matter
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Deflector: PACKED
Deflector: w/Clay
Comments: NOTE = Aft overflow in use BUT screen totally removed

Load # 503 Date 10 / 11 /03 Start 0400 End 0645 Dump 0658

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Debris & clay
Stbd Draghead:
Port Inflow, Fwd:
Port Inflow, Aft: N/A
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Deflector: packed
Deflector: w/ Clay
Comments: Gates open (definitely left open from previous load)

Load # 504 Date 10 / 11 /03 Start 0714 End 0938 Dump 0948

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Debris
Stbd Draghead:
Port Inflow, Fwd: plant matter, clay & Debris
Port Inflow, Aft: N/A
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Deflector:
Deflector: Clay
Comments:

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 1: ~~28°54.091'N / 95°15.437'W~~ TO ~~28°54.456'N / 95°16.217'W~~ to 28° 53.877'N / 95° 15.438'W TO 28° 54.214'N / 95° 15.742'W

Weather (wind –direction and strength, sea state, temp., etc,): E 5kts, 1' seas BSS 3, 80% C.C Tide Stage:

Water Temp. (Surface): 80°F Time: 0920 (Below Mid-Depth): Time:

Load # 505 Date 10 / 11 /03 Start* 1055 End 1310 Dump 1319

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: nylon fish line/clay Deflector:
Stbd Draghead: fish net/line Deflector: OK clay
Port Inflow, Fwd: clay/debris
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: debris
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: * Delay in start due to drag arm repairs & stripping

Load # 506 Date 10 / 11 /03 Start 1330 End 1533 Dump 1547

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clay/debris Deflector:
Stbd Draghead: Deflector: OK clay
Port Inflow, Fwd: clay/debris, whelk shell, plant matter
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: debris, wood, plant matter
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: Two Dido's picked up a Loggerhead (Loggerhead) @ 15:14. Relocating turtle.

Load # 507 Date 10 / 11 /03 Start 1552 End 1747 Dump 1754

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clay debris Deflector:
Stbd Draghead: Deflector: OK clay
Port Inflow, Fwd: clay, fishing net, debris, plant matter
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: cloth, plant matter, debris
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments:

Bridge Watch Summary betw. 2 dido's & Bayport 1/8 mi

Species	# of Animals	Time/Location/Comment
TT	1	11:50 28°54.007N 95°15.547W
		1435 hanger all day

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # ~~5~~ 6; ~~28°54.091'N / 95°15.437'W~~ See Load 505 TO 28°54.456'N / 95°16.217'W

Weather (wind –direction and strength, sea state, temp., etc,): 0 = ~~[illegible]~~ 1018, 80°F, NE ~~[illegible]~~ 5K, E 1' swell 30% CC

Tide Stage: _____

Water Temp. (Surface): _____ Time: _____ (Below Mid-Depth): _____ Time: _____

Load # 508 Date 10 / 11 /03 Start 1802 End 1953 Dump 2000

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Debris/clay Deflector: Clay
Stbd Draghead: Deflector:
Port Inflow, Fwd: plant matter, debris Clay
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: debris, plant matter. wood
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: Dump ~~[illegible]~~ not to digging area. Not enough time

Load # 509 Date 10 / 11 /03 Start 2009 End 2225 Dump 2234

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Debris/clay * → needed to get a better look Deflector: Clay
Stbd Draghead: Deflector:
Port Inflow, Fwd: debris, plant matter, PLASTIC Bucket
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: debris, plant matter
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: Frustrated with this entire setup.

Load # 510 Date 10 / 11/12 /03 Start 2244 End 0108 Dump 0115

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector: Clay
Stbd Draghead: Net Deflector:
Port Inflow, Fwd:
Port Inflow, Aft: N/A → Debris & plant matter
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: * → no notification given for end of load. dragheads already on deck when I got out there.

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 6; 28°53.887'N / 95°15.438'W TO 28°54.214'N / 95°15.742'W

Weather (wind –direction and strength, sea state, temp., etc,): B=1018, 80°F, NE 5k, E 1' SWell, 30% CC

Tide Stage: _____

Water Temp. (Surface): _____ Time: _____ (Below Mid-Depth): _____ Time: _____

Load # 511 Date 10/12/03 Start 0122 End 0310 Dump 0318

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector: Clear

Stbd Draghead: Deflector:

Port Inflow, Fwd: Debris & plant matter

Port Inflow, Aft: N/A

Stbd Inflow, Fwd: & clay

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments:

Load # 512 Date 10/12/03 Start 0326 End 0506 Dump 0513

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector: Clear

Stbd Draghead: Deflector:

Port Inflow, Fwd: Clear

Port Inflow, Aft: N/A

Stbd Inflow, Fwd: Debris & plant matter

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments:

Load # 513 Date 10/12/03 Start 0519 End 0719 Dump 0726

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Some Debris Deflector:

Stbd Draghead: Netting Deflector:

Port Inflow, Fwd: clay & Debris & plant matter

Port Inflow, Aft: N/A

Stbd Inflow, Fwd:

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments:

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

#5 load 514 (clean up & brief)

Location (Lat/Long, stations): Station # 6; 28°53.887'N / 95°15.438'W TO 28°54.214'N / 95°15.742'W

Weather (wind –direction and strength, sea state, temp., etc,): B = 1018, 50% CC, NE 5-8K, E 1' swell 78°F Tide Stage:

Water Temp. (Surface): Time: (Below Mid-Depth): Time:

Load # 514 Date 10/12/03 Start 0734 End 0942 Dump 0953

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: net / rope Deflector: some clay

Stbd Draghead: clear Deflector: clear

Port Inflow, Fwd: clear

Port Inflow, Aft: N/A

Stbd Inflow, Fwd: sm. amt. of plant matter/debris

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments: (*) Dug in Section 6 & 5 briefly (so survey could be done of section 6 → clean-up of section 5.

Load # 515 Date 10/12/03 Start 1002 End 1213 Dump 1221

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: debris, plastic Deflector: ~~debris, plastic~~ clear

Stbd Draghead: nylon line Deflector: ~~nylon~~ clear

Port Inflow, Fwd: fishing, debris, plant matter

Port Inflow, Aft: N/A

Stbd Inflow, Fwd: " " , plant matter

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments: (*) back to Section 6

Load # 516 Date 10/12/03 Start 12:37 End 1426 Dump 1434

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: rope, net, nylon Deflector:

Stbd Draghead: sm. amt. of debris Deflector: clear

Port Inflow, Fwd: plant m.

Port Inflow, Aft: N/A

Stbd Inflow, Fwd: plant m

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments:

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment
~~TT~~	~~2-2~~	

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport
Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 6; 28°53.887'N / 95°15.438'W TO 28°54.214'N / 95°15.742'W
Weather (wind –direction and strength, sea state, temp., etc,): E 8-10 Kts. 1-2' SEAS, Low E'ly Swell BSS 2-3, cloudy B 1020 80°T Tide Stage:
Water Temp. (Surface): 80°E Time: 13:20 (Below Mid-Depth): / Time: /

Load # 517 Date 10 / 12 /03 Start 14:45 End 1648 Dump 1657
Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: fishing debris
Stbd Draghead: sm. amt. debris
Port Inflow, Fwd: plant matter, fishing debris, whelk egg case
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: plant matter, fishing debris
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Deflector:
Deflector: OK
Comments:

Load # 518 Date 10 / 12 /03 Start 17:07 End 1916 Dump 1928
Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: clay / debris
Stbd Draghead: debris
Port Inflow, Fwd: clay – frayed sharp cable wire, nets HOOKS, TRASH Plant matter
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: TRASH (fishing gear) plant matter
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Deflector:
Deflector: OK clay
Comments:

Load # 519 Date 10 / 12 /03 Start ~~1787~~ 1937 End 2132 Dump 2142
Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples: Two Dido's trawl. all the time

Port Draghead: net
Stbd Draghead: sm. amt. debris
Port Inflow, Fwd: debris, plant matter
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: debris, plant matter
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Deflector:
Deflector: OK
Comments:

Bridge Watch Summary (Green buoy #3)

Species	# of Animals	Time/Location/Comment
TT	~~4~~ 2-4	14:35 28°54.169'N 95°15.796'W

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport
Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 6; 28°53.887'N / 95°15.438'W TO 28°54.214'N / 95°15.742'W
Weather (wind –direction and strength, sea state, temp., etc,): _____
Tide Stage: _____
Water Temp. (Surface): _____ Time: _____ (Below Mid-Depth): _____ Time: _____

Load # 520 Date 10/12/~~03~~ 13 Start 2153 End 0007 Dump 0016

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: clear
Stbd Draghead:
Port Inflow, Fwd:
Port Inflow, Aft: N/A
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Deflector:
Deflector: clear
clear; some debris
Comments:

Load # 521 Date 10/13/03 Start 0027 End 0207 Dump 0215

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: clear
Stbd Draghead:
Port Inflow, Fwd:
Port Inflow, Aft: N/A
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Deflector:
Deflector: clear
clear; some debris & plant matter
Comments:

Load # 522 Date 10/13/03 Start 0225 End 0358 Dump 0405

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: clear
Stbd Draghead:
Port Inflow, Fwd:
Port Inflow, Aft: N/A
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Deflector:
Deflector: clear
clear - mostly Debris
Comments:

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Stations 5 (clean-up) & 6: 28°53.887'N / 95°15.438'W TO 28°54.214'N / 95°15.742'W

Weather (wind –direction and strength, sea state, temp., etc,): B=1020, E 5k, E 1', 80°F, [redacted] 97% CC Tide Stage:

Water Temp. (Surface): 79°F Time: 1000 (Below Mid-Depth): Time:

Load # 523 Date 10 / 13 /03 Start 0418 End 0608 Dump 0620

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Clear Deflector:
Stbd Draghead: Some Debris Deflector: Clear
Port Inflow, Fwd: clear; some debris
Port Inflow, Aft: N/A
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments:

Load # 524 Date 10 / 13 /03 Start 0628 End 0910 Dump [redacted] 0919

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: some debris Deflector: clear
Stbd Draghead: Clay & debris Deflector: [redacted] Clay & debris
Port Inflow, Fwd:
Port Inflow, Aft: N/A clear - some debris
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments:

Load # 525 Date 10 / 13 /03 Start 0926 End 1142 Dump 1149

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: line Deflector: Clear
Stbd Draghead: net Deflector:
Port Inflow, Fwd:
Port Inflow, Aft: N/A smamt. debris & plas
Stbd Inflow, Fwd:
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments:
Cleaning up w/ 526 so not much sample wise

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment
T. truncatus	4	0956: Near [redacted] buoy #3; swimming - porpoising
" "	4	1203 " " #2 "

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport
Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Stations 5 (clean-up) & 6: 28°53.887'N / 95°15.438'W TO 28°54.214'N / 95°15.742'W
Weather (wind –direction and strength, sea state, temp., etc,): _____
Tide Stage: _____
Water Temp. (Surface): _____ Time: _____ (Below Mid-Depth): _____ Time: _____

Load # 526 Date 10/13/03 Start 11:59 End 1400 Dump 1406

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: trash Deflector: clear
Stbd Draghead: trash Deflector: clay
Port Inflow, Fwd: trash - plant matter
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: trash - plant matter
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments:

Load # 527 Date 10/13/03 Start 14:19 End 16:14 Dump 16:19

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: clay/debris Deflector: clay
Stbd Draghead: debris Deflector: clear
Port Inflow, Fwd: plant m./debris/clay
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: debris/plant m.
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments:

Load # 528 Date 10/13/03 * Delay Start 1730 End 1942 Dump 1949

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: clay, debris Deflector: clear
Stbd Draghead: clay, debris Deflector: clear
Port Inflow, Fwd: debris, whelk egg case, plant matter, clay
Port Inflow, Aft: N/A
Stbd Inflow, Fwd: debris, plant matter, clay
Stbd Inflor, Aft: N/A
Fwd Overflow: N/A
Aft Overflow: N/A
Comments: * waiting on Traffic before begin Load 528

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment
TT	4-6	13:40 hanging all day
TT	6	17:00 watching

Observers On Duty: Cary Deringer / Irene Briga

1956

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 6; 28°53.887'N / 95°15.438'W TO 28°54.214'N / 95°15.742'W

Weather (wind –direction and strength, sea state, temp., etc,): B=1018, 90% CC, NW 5K, N 1'

Tide Stage:

Water Temp. (Surface): 75°F Time: (Below Mid-Depth): Time:

Load # 529 Date 10 / 13 /03 Start 1956 End 2211 Dump 2218

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: clay, debris Deflector: clay

Stbd Draghead: clay, debris Deflector: clay

Port Inflow, Fwd: debris / plant matter

Port Inflow, Aft: N/A

Stbd Inflow, Fwd: plant matter / debris

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments:

Load # 530 Date 10 / 13/14 /03 Start 2224 End 0156 Dump 0205

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: clear Deflector: clear

Stbd Draghead: clay, debris Deflector:

Port Inflow, Fwd: some debris & plant matter

Port Inflow, Aft: N/A

Stbd Inflow, Fwd:

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments:

Load # 531 Date 10 / 14 /03 Start 0224 End 0450 Dump 0457

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Debris & some clay Deflector: clay

Stbd Draghead: Deflector:

Port Inflow, Fwd: Clay & debris

Port Inflow, Aft: N/A

Stbd Inflow, Fwd: plant matter & debris

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments:

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment

Observers On Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

Location (Lat/Long, stations): Station # 6; 28°53.887'N / 95°15.438'W TO 28°54.214'N / 95°15.742'W

Weather (wind –direction and strength, sea state, temp., etc,): _____

Tide Stage: _____

Water Temp. (Surface): _____ Time: _____ (Below Mid-Depth): _____ Time: _____

Load # 532 Date 10/14/03 Start 0507 End 0710 Dump 0722

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: Netting Deflector: Clear

Stbd Draghead: clear Deflector: Clear

Port Inflow, Fwd: Debris & plant matter

Port Inflow, Aft: N/A

Stbd Inflow, Fwd:

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments: * docked waiting for USACE survey.

Load # _____ Date ___/___/03 Start _____ End _____ Dump _____

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: _____ Deflector: _____

Stbd Draghead: _____ Deflector: _____

Port Inflow, Fwd: _____

Port Inflow, Aft: N/A

Stbd Inflow, Fwd: _____

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments: _____

Load # _____ Date ___/___/03 Start _____ End _____ Dump _____

Are there incidents involving endangered or protected species? **YES** **NO**

Note biological samples:

Port Draghead: _____ Deflector: _____

Stbd Draghead: _____ Deflector: _____

Port Inflow, Fwd: _____

Port Inflow, Aft: N/A

Stbd Inflow, Fwd: _____

Stbd Inflor, Aft: N/A

Fwd Overflow: N/A

Aft Overflow: N/A

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time/Location/Comment

Observers On Duty: Cary Deringer / Irene Briga