

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge WHEELER - Corpus Christi, TX

USACE, Galveston District

08/09/95

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

LOAD # X 1 Times: Start 0000 End 0034 Dump 0100/0116

Location(lat/long) 80 +140 Tide _____

Weather pt. cloudy, 20 mph winds, H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead Ø Deflector: ok

Center Draghead Ø Deflector: ok

Stbd Draghead Ø Deflector: ok

Port Forward Discharge Screening wood

Port Aft Discharge Screening wood | debris

Stbd Forward Discharge Screening wood

Stbd Aft Discharge Screening wood | debris

Comments: pungent substrate

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: weber

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08 10 19 95

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

LOAD # 2 Times: Start 0134 End 0204 Dump 0252/0308

Location(lat/long) 80 + 140 Tide _____

Weather pt. cloudy, H₂O Surf. Temp _____

Below Mid-Depth _____

Port Draghead Ø Deflector: ok

Center Draghead Ø Deflector: ok

Stbd Draghead Ø Deflector: ok

Port Forward Discharge Screening wood/debris

Port Aft Discharge Screening wood/debris

Stbd Forward Discharge Screening wood/debris

Stbd Aft Discharge Screening wood/debris

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: W Weber

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08 / 09 / 95

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

LOAD # 03 Times: Start 0324 End 0348 Dump 0410

Location(lat/long) _____ Stations 80 +140 Tide _____ Flood

Weather Partly cloudy, Winds E-SE 15 knots, Seas 3-5 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead Rope, wood, Deflector: ok

Stbd Draghead 0 Deflector: OK

Port Forward Discharge Screening Wood,

Port Aft Discharge Screening Wood, rock, trash

Stbd Forward Discharge Screening Wood, trash, pen shell, eel, shell

Stbd Aft Discharge Screening Wood, trash

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman

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Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08 / 09 95

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

LOAD # 04 Times: Start 0451 End 0528 Dump 0545

Location(lat/long) _____ Stations 80+140 Tide Ebb

Weather Partly cloudy, Winds E-SE 15 20 knots, Seas H, G Surf.Temp 30 c

Below Mid-Depth 28 c

Port Draghead Rope Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead Chain Deflector: ok

Port Forward Discharge Screening Wood, trash, rope, pen shell'

Port Aft Discharge Screening trash, wood, rock

Stbd Forward Discharge Screening trash, rock, shell

Stbd Aft Discharge Screening trash, wood

Comments: Quantities of debris being sampled has increased.

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/09/95

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

LOAD # 05 Times: Start 0658 End 0719 Dump 0736

Location(lat/long) _____ Stations 80-140 Tide Ebb

Weather Partly cloudy, Winds E-SE 15-20 knots, Seas 3-5 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead Rope Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead Trash Deflector: ok

Port Forward Discharge Screening Clay, wood, trash,

Port Aft Discharge Screening Clay, wood,

Stbd Forward Discharge Screening Clay, wood, trash,

Stbd Aft Discharge Screening Clay, wood, trash,

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08 / 09/ 95

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

LOAD # 06 Times: Start 0848 End 0910 Dump 0917

Location(lat/long) Stations 80-140 Tide Ebb

Weather Partly cloudy, Winds E-SE 15-20 knots, Sea H₂O Surf. Temp _____

Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead Trash Deflector: ok

Port Forward Discharge Screening _____ wood

Port Aft Discharge Screening _____ wood, trash

Stbd Forward Discharge Screening _____ wood, trash

Stbd Aft Discharge Screening _____ wood, trash

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/09/95

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

LOAD # 7 Times: Start 0958 End 1022 Dump 1028/1056

Location(lat/long) 28° + 140 Tide _____

Weather pt. cloudy, 11 mph winds H₂O Surf. Temp _____
Below Mid-Depth _____

Port Draghead ∅ Deflector: ok

Center Draghead ∅ Deflector: ok

Stbd Draghead ∅ Deflector: ok

Port Forward Discharge Screening wood, black trash, debris

Port Aft Discharge Screening wood, black trash, eel, debris

Stbd Forward Discharge Screening wood, black trash, debris

Stbd Aft Discharge Screening wood, black trash, debris

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: [Signature]

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/09/95

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

LOAD # 8 Times: Start 1102 End 1139 Dump 1149

Location(lat/long) 80+140 Tide _____

Weather pt. cloudy H₂O Surf. Temp _____

Below Mid-Depth _____

Port Draghead Ø Deflector: OK

Center Draghead Ø Deflector: OK

Stbd Draghead Ø Deflector: OK

Port Forward Discharge Screening wood/debris

Port Aft Discharge Screening wood/debris

Stbd Forward Discharge Screening wood/debris

Stbd Aft Discharge Screening wood/debris

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Wanda L. Cole

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08 / 09 / 95

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

LOAD # 09 Times: Start 1256 End 1324 Dump 1333

Location(lat/long) _____ Stations 80-140 Tide _____

Weather Partly cloudy, Winds E-NE 20-25 knots, Seas 4-6 Surf.Temp 30 c

Below Mid-Depth: 30 c

Port Draghead 0 Deflector: _____ ok

Center Draghead 0 Deflector: _____ ok

Stbd Draghead 0 Deflector: _____ ok

Port Forward Discharge Screening wood, trash

Port Aft Discharge Screening trash, pen shell

Stbd Forward Discharge Screening wood, trash

Stbd Aft Discharge Screening wood, trash

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08 / 09 / 95

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

LOAD # 10 Times: Start 1548 End 1620 Dump 1627

Location(lat/long) _____ Stations 80-140 Tide Ebb

Weather Partly cloudy, Winds E-NE 20-25 knots, Seas 4-6 Surf. Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening wood, trash

Port Aft Discharge Screening wood, trash

Stbd Forward Discharge Screening trash, wood

Stbd Aft Discharge Screening wood, trash

Comments: light accumulation of debris sampled.

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
<u>Tt</u>	<u>1</u>	<u>1701</u>	<u>Bottlenose dolphin, S side of jetties</u>

Observer(s) On Duty: Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM
 Dredge *WHEELER* - Corpus Christi, TX
 USACE, Galveston District

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

LOAD # 11 Times: Start 1747 End 1818 Dump 1827

Location(lat/long) _____ Stations 80-140 Tide Ebb

Weather Partly cloudy, Winds E-SE 20-25 knots, Sea H, 0-5' Surf. Temp _____
 Below Mid-Depth _____

Port Draghead <u> 0 </u>	Deflector: <u> ok </u>
Center Draghead <u> 0 </u>	Deflector: <u> ok </u>
Stbd Draghead <u> 0 </u>	Deflector: <u> ok </u>

Port Forward Discharge Screening Trash, wood

Port Aft Discharge Screening Trash, wood

Stbd Forward Discharge Screening Trash, wood

Stbd Aft Discharge Screening Trash, wood, rock

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

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

LOAD # 12 Times: Start 1852 End 1914 Dump 1936

Location(lat/long) _____ Stations 80-140 Tide Ebb

Weather Partly cloudy, Winds NE 30 knots, Seas 4-6 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: OK

Center Draghead 0 Deflector: OK

Stbd Draghead 0 Deflector: OK

Port Forward Discharge Screening Trash, wood

Port Aft Discharge Screening Trash, wood

Stbd Forward Discharge Screening Trash, wood

Stbd Aft Discharge Screening Trash, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/09/95

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

LOAD # 13 Times: Start 2118 End 2140 Dump 2150/2204

Location(lat/long) 80 + 140 Tide _____

Weather pt. cloudy, E winds 24mph, 4-6 ft. waves H₂O Surf. Temp _____
Below Mid-Depth _____

Port Draghead Ø Deflector: ok

Center Draghead Ø Deflector: ok

Stbd Draghead Ø Deflector: ok

Port Forward Discharge Screening wood/debris

Port Aft Discharge Screening wood/debris

Stbd Forward Discharge Screening wood/debris

Stbd Aft Discharge Screening wood/debris

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: W. Weber

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/09/95

Are there incidents involving endangered or protected species?

Yes _____

No

LOAD # 14

Times: Start 2232

End 2253

Dump 2301/2345

Location(lat/long) 80 + 140

Tide _____

Weather pt. cloudy, E wind, 31 mph

H₂O Surf. Temp _____

Below Mid-Depth _____

Port Draghead Ø

Deflector: ok

Center Draghead Ø

Deflector: ok

Stbd Draghead Ø

Deflector: ok

Port Forward Discharge Screening debris

Port Aft Discharge Screening debris

Stbd Forward Discharge Screening debris

Stbd Aft Discharge Screening debris

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: w-weber

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX
USACE, Galveston District

08/10/95

Are there incidents involving endangered or protected species?

Yes _____

No

LOAD # 12 #1 Times: Start 0014 End 0038 Dump 0045/

Location(lat/long) 80 + 140 Tide _____

Weather mostly cloudy, E winds 28mph H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead Ø Deflector: ok

Center Draghead Ø Deflector: ok

Stbd Draghead Ø Deflector: ok

Port Forward Discharge Screening debris

Port Aft Discharge Screening : debris

Stbd Forward Discharge Screening debris

Stbd Aft Discharge Screening debris

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: W. Weber

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/10/95

Are there incidents involving endangered or protected species?

Yes _____

No

LOAD # 2

Times: Start 0230

End 0255

Dump 0307/0326

Location(lat/long) 80 + 140

Tide _____

Weather mostly cloudy, E winds, 28 mph winds, 3 to 5' waves H₂O Surf. Temp _____

Below Mid-Depth _____

Port Draghead ∅ Deflector: ok

Center Draghead ∅ Deflector: ok

Stbd Draghead trawl net hanging from teeth Deflector: ok

Port Forward Discharge Screening debris

Port Aft Discharge Screening debris

Stbd Forward Discharge Screening debris

Stbd Aft Discharge Screening debris

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: W. Weber

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08 / 10/ 95

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

LOAD # 03 Times: Start 0402 End 0432 Dump 0441

Location(lat/long) _____ Stations 80-140 Tide Flood

Weather Partly cloudy, Winds NE 10 knots, Seas 4-6 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, wood

Port Aft Discharge Screening Trash, wood, old turtle bone

Stbd Forward Discharge Screening Trash, wood, catfish

Stbd Aft Discharge Screening Trash, wood, rock

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerm,an

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/10/95

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

LOAD # 04 Times: Start 0529 End 0556 Dump 0606

Location(lat/long) _____ Stations 80-140 Tide Flood

Weather Partly cloudy, Winds NE 10-15 knots, Seas 3- \bar{H}_2 O Surf.Temp 30 c
Below Mid-Depth 30 c

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead Rope Deflector: ok

Port Forward Discharge Screening Trash, wood, clay

Port Aft Discharge Screening Trash, wood, rock

Stbd Forward Discharge Screening Trash, wood, catfish, whelk

Stbd Aft Discharge Screening Trash, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08 / 10/ 95

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

LOAD # 05 Times: Start 0937 End 0957 Dump 1006

Location(lat/long) _____ Stations 80-140 Tide Flood

Weather Mostly cloudy, Winds NE 15 knots, Seas 3-5 H₂O Surf. Temp _____

Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, clay, wood, pen shell

Port Aft Discharge Screening Trash, wood, clay

Stbd Forward Discharge Screening Trash, wood, pen shell

Stbd Aft Discharge Screening Trash, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
<u>Tt</u>	<u>2</u>	<u>0957</u>	<u>cut, south side</u>

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/10/95

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

LOAD # 07 Times: Start 1200 End 1226 Dump 1231

Location(lat/long) _____ Stations 80-140 Tide Slack

Weather Partly cloudy, Winds ENE 20-25 knots, Seas H_2O 3-5 Surf. Temp _____

Below Mid-Depth _____

Port Draghead Trash Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Wood, trash, clay

Port Aft Discharge Screening Trash, wood, clay

Stbd Forward Discharge Screening Trash, wood, rock

Stbd Aft Discharge Screening Trash, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08 / 10 / 95

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

LOAD # 08 Times: Start 1339 End 1357 Dump 1411

Location(lat/long) _____ Stations 38-55 Tide _____ Slack _____

Weather Partly cloudy, Winds E 20 knots, Seas 4-6 H₂O Surf. Temp 30

Below Mid-Depth 30

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Clay, trash, scallops, whelk

Port Aft Discharge Screening oyster, wood, trash, clay, blue crab

Stbd Forward Discharge Screening Trash, wood, oyster shell

Stbd Aft Discharge Screening Wood, trash, clay

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08 /10 / 95

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

LOAD # 09 Times: Start 1453 End 1518 Dump 1526

Location(lat/long) _____ Stations 38-55 Tide Slack

Weather Partly cloudy, Winds E 30 knots, Seas 4-6 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, wood, shell

Port Aft Discharge Screening Hammerhead shark, trash, wood

Stbd Forward Discharge Screening Trash, wood

Stbd Aft Discharge Screening Trash, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
<u>Tt</u>	<u>4</u>	<u>1450</u>	<u>Inside the jetties</u>

Observer(s) On Duty: Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08 / 10 / 95

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

LOAD # 10 Times: Start 1556 End 1616 Dump 1627

Location(lat/long) _____ Stations 80-140 Tide Ebb

Weather Cloudy, Winds E 20-25 knots, Seas 5-7 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead 0 Deflector: OK

Center Draghead 0 Deflector: OK

Stbd Draghead 0 Deflector: OK

Port Forward Discharge Screening Clay, wood, shell

Port Aft Discharge Screening Clay, wood, trash, rock

Stbd Forward Discharge Screening Clay, wood, trash

Stbd Aft Discharge Screening Trash, catfish, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/10/95

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

LOAD # 11 Times: Start 1736 End 1824 Dump 1830

Location(lat/long) Stations 80-140-38-55 Tide Ebb

Weather Cloudy, Winds E 20-25 knots, Seas 5-7 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead 0 Deflector: OK

Center Draghead 0 Deflector: OK

Stbd Draghead 0 Deflector: OK

Port Forward Discharge Screening Wood, trash, clay

Port Aft Discharge Screening Wood, clay, catfish

Stbd Forward Discharge Screening Trash, whelks, rocks

Stbd Aft Discharge Screening Trash, wood, clay

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
<u>Tt</u>	<u>7</u>	<u>1730</u>	<u>Inside jetty</u>

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8/11/95

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

LOAD # 12 Times: Start 22:50 End 23:49 Dump 0000

Location(lat/long) 80, 140 Tide _____

Weather Cloudy, winds E 20-25 kts, seas 5-7 H₂O Surf. Temp _____

Below Mid-Depth _____

Port Draghead clear Deflector: ok

Center Draghead clear Deflector: ok

Stbd Draghead clear Deflector: ok

Port Forward Discharge Screening catfish, pen shell, trash

Port Aft Discharge Screening fishing net, rope, wood

Stbd Forward Discharge Screening hard hat, trash,

Stbd Aft Discharge Screening wood, catfish, rope, garbage.

Comments: started to sign and tag pump exciter switches 464 & 465 in engine room. This is a safety precaution for the observers.

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Phil Tonne

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8/11/95

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

LOAD # 1902 Times: Start 0235 End 0302 Dump 0307

Location(lat/long) d^o 80400 140100 Tide Flood

Weather Winds E @ 10kts, seas 3-4', partly cloudy H₂O Surf. Temp _____
Below Mid-Depth _____

Port Draghead clear Deflector: ok

Center Draghead clear Deflector: ok

Stbd Draghead rope/clear Deflector: ok

Port Forward Discharge Screening catfish, garbage, mud

Port Aft Discharge Screening mud, trash, eel

Stbd Forward Discharge Screening garbage, catfish

Stbd Aft Discharge Screening wood, trash, boot

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Phil Towne

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge **WHEELER** - Corpus Christi, TX

USACE, Galveston District

8 / 11 / 95

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

LOAD # 03 Times: Start 0406 End 0433 Dump 0440

Location(lat/long) 80+00 - 140+00 Tide low flood

Weather winds E @ 10 knots, seas 3-4', partly cloudy H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead 0 Deflector: OK

Center Draghead 0 Deflector: OK

Stbd Draghead 0 Deflector: OK

Port Forward Discharge Screening clay, trash
q

Port Aft Discharge Screening clay, trash

Stbd Forward Discharge Screening clay, trash

Stbd Aft Discharge Screening clay, trash

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Phil Tennant

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08 / 11 / 95

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

LOAD # 04 Times: Start 0406 End 0433 Dump 0440

Location(lat/long) _____ Stations 80-140 Tide Flood

Weather Cloudy, rain, Winds E 20 knots, Seas 4-6 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Clay, wood, trash

Port Aft Discharge Screening Clay, wood, trash, blue crab

Stbd Forward Discharge Screening Clay, wood, trash, rock

Stbd Aft Discharge Screening Clay, wood, trash

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/11/95

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

LOAD # 05 Times: Start 0516 End 0543 Dump 0555

Location(lat/long) _____ Stations 80-140 Tide Flood

Weather Cloudy, rain, Winds 20 knots E, Seas 4-6 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead Trash Deflector: ok

Port Forward Discharge Screening Clay, trash, catfish

Port Aft Discharge Screening Eel, trash, clay, wood

Stbd Forward Discharge Screening Clay, trash, shell

Stbd Aft Discharge Screening Clay, trash, shell

Comments: Lots of clay

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/11/95

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

LOAD # 06 Times: Start 0843 End 0900 Dump 0907

Location(lat/long) _____ Stations 80-140 Tide Flood

Weather Cloudy, Winds E 20 knots, Seas 6-8 H₂O Surf. Temp 30 c

Below Mid-Depth 29 c

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, whelk, sargassum

Port Aft Discharge Screening Trash, eel, wood, sargassum

Stbd Forward Discharge Screening Trash, wood, sargassum

Stbd Aft Discharge Screening Trash, blue crab

Comments: Testing a new pin in the port aft cage door this load.

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
<u>Tt</u>	<u>5</u>	<u>830</u>	<u>inside the jetty</u>

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08 / 11 / 95

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

LOAD # 07 Times: Start 1016 End 1050 Dump 1056

Location(lat/long) _____ Stations 80-140 Tide Flood

Weather Partly cloudy, Winds E 25 knots, Seas 5-7 H₂O Surf.Temp 29 C

Below Mid-Depth 28 c

Port Draghead 0 Deflector: OK

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, wood, sargassum

Port Aft Discharge Screening Trash, whelk, wood, sargassum

Stbd Forward Discharge Screening Trash, wood, sargassum

Stbd Aft Discharge Screening Trash, wood, sargassum

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/11/95

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

LOAD # 08 Times: Start 1134 End 1155 Dump 1217

Location(lat/long) Stations 80-140 Tide Slack

Weather Cloudy, Winds E 20 knots, Seas 5-7 H₂O Surf. Temp _____

Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead Cable Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, wood, clay

Port Aft Discharge Screening Trash, wood

Stbd Forward Discharge Screening Trash, wood

Stbd Aft Discharge Screening Trash, wood, rock

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08 / 11 / 95

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

LOAD # 09 Times: Start 1238 End 1306 Dump 1317

Location(lat/long) _____ Stations 80-140 Tide Slack

Weather _____ Rain, winds E 20 knots, Seas 5-7 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Clay, trash

Port Aft Discharge Screening Clay, trash, wood

Stbd Forward Discharge Screening Clay, trash, wood

Stbd Aft Discharge Screening Clay, trash, wood

Comments: New pins in aft doors working fine

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/11/95

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

LOAD # 10 Times: Start 1426 End 1444 Dump 1501

Location(lat/long) _____ Stations 38-55 Tide Slack

Weather Cloudy, Winds E 15-20 knots, Seas 5-7 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Clay, wood, trash

Port Aft Discharge Screening Trash, clams, whelks,

Stbd Forward Discharge Screening Trash, rock, wood

Stbd Aft Discharge Screening Trash, wood, old turtle bone

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
<u>Tt</u>	<u>11</u>	<u>1400</u>	<u>Inside jetty</u>

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08 / 11 / 95

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

LOAD # 11 Times: Start 1555 End 1612 Dump 1655

Location(lat/long) _____ Stations 38-55 Tide Ebb

Weather Raining, Winds E 50 knots, Seas 6-8 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, catfish, eel, shell

Port Aft Discharge Screening Trash, wood

Stbd Forward Discharge Screening Trash, wood, rock

Stbd Aft Discharge Screening Trash, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/11/95

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

LOAD # 12 Times: Start 1743 End 1801 Dump 1807

Location(lat/long) _____ Stations 80-140 Tide Ebb

Weather Cloudy, Winds E 15 knots, Seas 6-8 H₂O Surf. Temp _____
Below Mid-Depth _____

Port Draghead Net Deflector: OK

Center Draghead Rope Deflector: OK

Stbd Draghead Cloth Deflector: OK

Port Forward Discharge Screening Trash, wood

Port Aft Discharge Screening Trash, wood

Stbd Forward Discharge Screening Trash, wood, shell

Stbd Aft Discharge Screening Trash, wood, shell, blue crab

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08 / 11 / 95

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

LOAD # 14 Times: Start 1955 End 2016 Dump 2053

Location(lat/long) Stations 80-140 Tide Ebb

Weather Cloudy, light rain, Winds E 30 knots, Seas 5⁷ H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead Rope Deflector: OK

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, wood

Port Aft Discharge Screening Trash, shell

Stbd Forward Discharge Screening Trash, wood

Stbd Aft Discharge Screening Trash, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/11/95

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

LOAD # 15 Times: Start 2059 End 2122 Dump 2129

Location(lat/long) _____ Stations 80-140 Tide Ebb

Weather Cloudy, Winds E 25 knots, Seas 5-7 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead 0 Deflector: OK

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, eel, wood

Port Aft Discharge Screening Trash, whelk

Stbd Forward Discharge Screening Trash, wood, eel

Stbd Aft Discharge Screening Trash, shell

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08 / 11 / 95

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

LOAD # 16 Times: Start 2220 End 2238 Dump 2245

Location(lat/long) Stations 80-140 Tide Ebb

Weather Partly Cloudy, Winds E 25 knots, Seas 5-7 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead fishing net Deflector: ok

Port Forward Discharge Screening Plastic garbage, netting, wood

Port Aft Discharge Screening Plastic garbage, netting, wood

Stbd Forward Discharge Screening a small amount of netting

Stbd Aft Discharge Screening netting, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8 / 12 / 95

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

LOAD # 1 Times: Start 2320 End 0000 Dump 0008

Location(lat/long) Stations 80-140 Tide Ebb

Weather Clearing, winds E 15-20 knots, seas 3-4 H₂O Surf. Temp _____

Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Seaweed, plastic, wood

Port Aft Discharge Screening Seaweed, plastic, wood

Stbd Forward Discharge Screening Pastic sheeting, seaweed

Stbd Aft Discharge Screening shoe parts, diving gear

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8 / 12 / 95

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

LOAD # 2 Times: Start 0041 End 0109 Dump 1117

Location(lat/long) stations 80 to 140 Tide Ebb

Weather Clear, winds E 20 knots, 4-5 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening large metal container

Port Aft Discharge Screening clay balls, seagrasses, plastic, rubber buoy, whelk

Stbd Forward Discharge Screening sea grasses, clay balls, old turtle bones (2)

Stbd Aft Discharge Screening sea grasses, plastic, clay balls

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8/12/95

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

LOAD # 3 Times: Start 0205 End 0245 Dump 0251

Location(lat/long) Stations 80-140 Tide Ebb

Weather Overcast/Rain, winds SE 15knots, seas 6-7 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead rope Deflector: ok

Port Forward Discharge Screening wood, plastic, seagrass, diving gear

Port Aft Discharge Screening seagrass, plastic

Stbd Forward Discharge Screening clear

Stbd Aft Discharge Screening seagrass, plastic sheeting, blue crab

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8/12/95

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

LOAD # 4 Times: Start 0331 End 0411 Dump 0416

Location(lat/long) Stations 80-140 Tide Ebb

Weather Overcast/Rain, winds SE15knots, seas 6-7 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening clay balls, wire mesh, wood, plastic

Port Aft Discharge Screening Clay balls, cloth, pastic bagging, wood, blue crab

Stbd Forward Discharge Screening clay balls, wood wire mesh, cloth

Stbd Aft Discharge Screening clay balls, wood, plastic bagging, wheelks

Comments: front screens of cages were packed with 3 feet of debris
at the base and tapered off to several inches at the top.

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8 / 12 / 95

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

LOAD # 5 Times: Start 0503 End 0533 Dump 0538

Location(lat/long) Stations 80-140 Tide Flood

Weather overcast/rain, winds E 20-25 knots, seas 4-5 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead rope Deflector: ok

Stbd Draghead rope Deflector: ok

Port Forward Discharge Screening plastic containers, wood, metal pot, tire parts

Port Aft Discharge Screening fishing line, wood, plastic

Stbd Forward Discharge Screening wood, clay balls

Stbd Aft Discharge Screening metal scrap, netting, cloth, clay balls, wood, rubber, blue crab

Comments: lots of plastic fishing line

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8 / 12 / 95

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

LOAD # 6 Times: Start 0621 End 0641 Dump 0646

Location(lat/long) Stations 80-140 Tide Flood

Weather Overcast/rain, winds E 20 knots, seas 4-6 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead chain Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening fishingnet, wood

Port Aft Discharge Screening plastic sheet, wood, seagrass, clay balls

Stbd Forward Discharge Screening trash, clay balls

Stbd Aft Discharge Screening seagrass, trash, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/12/95

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

LOAD # 07 Times: Start 0729 End 0749 Dump 0754

Location(lat/long) _____ Stations 80-140 Tide _____ Flood _____

Weather Cloudy, rain, Winds E-SE 15 knots, Seas 4-6 H₂O Surf. Temp _____
Below Mid-Depth _____

Port Draghead rope Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead Trash Deflector: ok

Port Forward Discharge Screening Trash, wood, sargassum

Port Aft Discharge Screening Trash, wood, sargassum

Stbd Forward Discharge Screening Trash, wood, eel, sargassum

Stbd Aft Discharge Screening Trash, wood, rock, whelk

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/12/95

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

LOAD # 08 Times: Start 0942 End 1007 Dump 1011

Location(lat/long) _____ Stations 80-140 Tide Flood

Weather Raining, Winds 40-50 knots SE, Seas 4-6 H₂O Surf.Temp 29 c

Below Mid-Depth 29 c

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, clay

Port Aft Discharge Screening Trash, wood, sargassum

Stbd Forward Discharge Screening Trash, clay, whelk

Stbd Aft Discharge Screening Trash, net, clay

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
<u>Tt</u>	<u>1</u>	<u>0940</u>	<u>S of the jetties</u>

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08 / 12 / 95

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

LOAD # 09 Times: Start 1057 End 1116 Dump 1120

Location(lat/long) _____ Stations 80-140 Tide _____ Flood _____

Weather Raining, Winds SE 20 knots, Seas 4-6 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, shell

Port Aft Discharge Screening Trash, wood

Stbd Forward Discharge Screening Trash, wood

Stbd Aft Discharge Screening Trash, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08 / 12 / 95

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

LOAD # 10 Times: Start 1221 End 1248 Dump 1255

Location(lat/long) _____ Stations 80-140 Tide Slack

Weather Cloudy, Winds SE 10-15 knots, Seas 4-6 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Clay, trash, wood

Port Aft Discharge Screening Clay, trash, sargassum, wood

Stbd Forward Discharge Screening Clay, wood, trash

Stbd Aft Discharge Screening Trash, wood, clay

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08 / 12 / 95

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

LOAD # 11 Times: Start 1334 End 1358 Dump 1405

Location(lat/long) stations 80-140 Tide slack

Weather Partly cloudy, winds SE 10-15 knots, seas 4-5 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening trash, plastic containers, wood

Port Aft Discharge Screening trash, plastic sheets, wood

Stbd Forward Discharge Screening wood, trash

Stbd Aft Discharge Screening trash, wood, diving gear

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8 / 12 / 95

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

LOAD # 12 Times: Start 1703 End 1719 Dump 1732

Location(lat/long) Stations 38-55 Tide Flood

Weather Partly cloudy, winds E 15-20 knots, seas 5-6 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening wood, fishing line, cloth

Port Aft Discharge Screening wood, fiberglass, plastic containers

Stbd Forward Discharge Screening wood

Stbd Aft Discharge Screening fishing line wood

Comments: very little debris due to short cut

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8 / 12 / 95

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

LOAD # 13 Times: Start 1919 End 1939 Dump 1943

Location(lat/long) _____ Stations 80-140 Tide _____ Ebb _____

Weather Cloudy, Winds SE 15-18 knots, Seas 4-6 H₂O Surf. Temp _____
Below Mid-Depth _____

Port Draghead o Deflector: ok

Center Draghead o Deflector: ok

Stbd Draghead o Deflector: ok

Port Forward Discharge Screening Trash, wood

Port Aft Discharge Screening Trash, wood

Stbd Forward Discharge Screening Trash, wood, shell

Stbd Aft Discharge Screening Trash, wood, rock

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08 / 12 / 95

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

LOAD # 14 Times: Start 2022 End 2048 Dump 2053

Location(lat/long) _____ Stations 80-140 Tide Ebb

Weather Rain, Winds SE 15-20 knots, Seas 3-5 H₂O Surf.Temp 30 c

Below Mid-Depth 29 c

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, wood, pen shell

Port Aft Discharge Screening Trash, wood

Stbd Forward Discharge Screening Trash, wood

Stbd Aft Discharge Screening Trash, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX
USACE, Galveston District

08 / 12 / 95

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

LOAD # 15 Times: Start 2202 End 2220 Dump 2234

Location(lat/long) _____ Stations 80-140 Tide Ebb

Weather Cloudy, Winds SE 20 knots, Seas 3-5 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, wood, shell

Port Aft Discharge Screening Trash, wood

Stbd Forward Discharge Screening Trash, wood

Stbd Aft Discharge Screening Trash, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8 / 13 / 95

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

LOAD # 16 Times: Start 2321 End 2348 Dump 2355

Location(lat/long) _____ Stations 80-140 Tide Ebb

Weather Partly cloudy, Winds SE 15-20 knots, Seas 3-5 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead Net Deflector: ok

Center Draghead Spiny lobster Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, wood

Port Aft Discharge Screening Trash, wood, blue crab

Stbd Forward Discharge Screening Trash, wood

Stbd Aft Discharge Screening Trash, wood, whelk

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8/13/95

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

LOAD # 1 Times: Start 0024 End 0057 Dump 0104

Location(lat/long) _____ Stations 80-140 Tide Ebb

Weather Partly cloudy, winds E 15-20 knots, seas 3-4 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead fishing net Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening fishing line, footwear, wood

Port Aft Discharge Screening a large bundle of fishing line

Stbd Forward Discharge Screening wood

Stbd Aft Discharge Screening plastic, fishing line, wood

Comments: sparse debris

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8 / 13 / 95

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

LOAD # 2 Times: Start 0141 End 0213 Dump 0212

Location(lat/long) Sations 80-140 Tide Ebb/slack

Weather Partly cloudy, winds E 15-20 knots, seas 4-5 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening fishing line, plastic bags

Port Aft Discharge Screening fishing line, wood

Stbd Forward Discharge Screening wood

Stbd Aft Discharge Screening wood fiberglass, fishing line

Comments: sparse debris

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8 / 13 / 95

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

LOAD # 3 Times: Start 0317 End 0355 Dump 0403

Location(lat/long) Stations 80-140 Tide slack tide

Weather Partly cloudy, winds E 15 knots, seas 3-4 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening wood, footwear, whelk, assorted shells

Port Aft Discharge Screening fishing line, wood, plastic bags, shells, flounder

Stbd Forward Discharge Screening wood, fishing line, shells

Stbd Aft Discharge Screening wood fishing line, shells

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8 / 13 / 95

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

LOAD # 4 Times: Start 0441 End 0508 Dump 0516

Location(lat/long) Stations 80-140 Tide Flood

Weather Partly cloudy, winds E 15knots, seas 3-4 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Clay balls, wood, plastic wrapping

Port Aft Discharge Screening Clay balls, wood, metal scrap

Stbd Forward Discharge Screening Clay balls, wood plastic, a catfish

Stbd Aft Discharge Screening Clay balls, wood, metal scrap

Comments: each discharge box contained a large portion of greyish/brown
clay, mixed in with metal scrap. One 12" catfish was found.

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Peter Westermanⁿ

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8 / 13 / 95

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

LOAD # 5 Times: Start 0602 End 0626 Dump 0634

Location(lat/long) _____ Stations 80-140 Tide Flood

Weather Partly cloudy, Winds SE 15 knots, Seas 3-5 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead Rope Deflector: ok

Center Draghead Trash Deflector: ok

Stbd Draghead Net Deflector: ok

Port Forward Discharge Screening Clay, trash, wood, pen shell

Port Aft Discharge Screening Clay, trash, wood

Stbd Forward Discharge Screening Clay, trash, wood, blue crab

Stbd Aft Discharge Screening Clay, wood, trash

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08 / 13 / 95

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

LOAD # 06 Times: Start 0718 End 0740 Dump 0747

Location(lat/long) _____ Stations 80-140 Tide _____ Flood

Weather Cloudy, Winds SE 15 knots, Seas 3-5 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, wood, plastic

Port Aft Discharge Screening Trash, wood, shell

Stbd Forward Discharge Screening Trash, wood, net

Stbd Aft Discharge Screening Trash, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/13/95

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

LOAD # 07 Times: Start 0925 End 0947 Dump 0954

Location(lat/long) _____ Stations 80-140 Tide Flood

Weather Raining, Winds light airs, Seas 2-4 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead Trash Deflector: ok

Center Draghead Trash Deflector: ok

Stbd Draghead Trash Deflector: ok

Port Forward Discharge Screening Trash, plastic, wood

Port Aft Discharge Screening Trash, pen shell, wood

Stbd Forward Discharge Screening Trash, pen shell, whelk, wood

Stbd Aft Discharge Screening Trash, wood

Comments: Alot of trash

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *WHEELER* - Corpus Christi, TX
USACE, Galveston District

08/13/95

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

LOAD # 08 Times: Start 1036 End 1107 Dump 1115

Location(lat/long) Stations 80-140 Tide Flood

Weather Cloudy, Light airs, Seas 2-4 H₂O Surf. Temp 29 c
Below Mid-Depth 29 c

Port Draghead Trash Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead Rope Deflector: ok

Port Forward Discharge Screening Trash, wood

Port Aft Discharge Screening Trash, wood, blue crab

Stbd Forward Discharge Screening Trash, plastic, wood

Stbd Aft Discharge Screening Trash, net, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/13/95

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

LOAD # 9 Times: Start 1157 End 1217 Dump 1224

Location(lat/long) Stations 80-140 Tide Flood

Weather Overcast, winds E 5-10 knots, seas 1-2 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead fishing net Deflector: ok

Center Draghead rope Deflector: ok

Stbd Draghead fishing net Deflector: ok

Port Forward Discharge Screening wood

Port Aft Discharge Screening wood, plastic wrapping, whelk

Stbd Forward Discharge Screening wood

Stbd Aft Discharge Screening wood, fishing line

Comments: sparse debris

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *WHEELER* - Corpus Christi, TX
USACE, Galveston District

8 / 13 / 95

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

LOAD # 10 Times: Start 1300 End 1322 Dump 1328

Location(lat/long) Stations 80-140 Tide Ebb

Weather Overcast, winds E10 knots H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead cable Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening wood

Port Aft Discharge Screening fishing line, metal scrap, wood

Stbd Forward Discharge Screening wood

Stbd Aft Discharge Screening fishing line, wood

Comments: sparse debris

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8 / 13 / 95

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

LOAD # 11 Times: Start 1403 End 1423 Dump 1430

Location(lat/long) Stations 80-140 Tide slack tide

Weather Overcast, winds E 10-15 knots, seas 3-4 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening wood plastic, footwear

Port Aft Discharge Screening fishing line garbage, aluminum cans

Stbd Forward Discharge Screening wood

Stbd Aft Discharge Screening fishing line, wood, aluminum cans

Comments: Lots of trash and aluminum cans

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8 / 13 / 95

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

LOAD # 12 Times: Start 1503 End 1526 Dump 1532

Location(lat/long) Stations 80-140 Tide Flood

Weather Overcast, windse 10 knots, seas 2-3 H₂O Surf.Temp 29^oC

Below Mid-Depth 29^oC

Port Draghead fishing net Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening wood, assorted shells

Port Aft Discharge Screening plastic bottles wrap and bags, wood, fishing line shell

Stbd Forward Discharge Screening wood, plastic

Stbd Aft Discharge Screening wood plastic products, assorted shells, aluminum cans

Comments: lots of varied shells, diving gear, plastic toys etc.

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8 / 13/ 95

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

LOAD # 13 Times: Start 1612 End 1627 Dump 1642

Location(lat/long) Stations 80-140 Tide Flood

Weather overcast, winds E 10 knots, seas 3-4 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening wood, carpet, plastic, garbage and parts of
the large decomposed ray

Port Aft Discharge Screening A large decomposed body of what was a large ray,
carpet, trash, a large catfish

Stbd Forward Discharge Screening trash

Stbd Aft Discharge Screening the main body of a large decomposed ray with its
mouth still attached, carpet, general trash

Comments: The dredge must be covering new ground as seen by the large
volume of trash, carpet and miscellaneous refuse found. A large
partially decomposed ray with its mouth was found in 3 of the 4
discharge boxes. A large catfish was also found

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8 /13 /95

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

LOAD # 14 Times: Start 1716 End 1734 Dump 1739

Location(lat/long) _____ Stations 80-140 Tide _____ Flood _____

Weather Cloudy, Light rain, Winds SE 15 knots, Seas 2-4 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, wood, shell

Port Aft Discharge Screening Trash, wood

Stbd Forward Discharge Screening Trash, wood

Stbd Aft Discharge Screening Trash, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Peter Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/13/95

Are there incidents involving endangered or protected species?

Yes _____

No X

LOAD # 15 Times: Start 1819 End 1839 Dump 1849

Location(lat/long) Stations 80-140 Tide Flood

Weather Cloudy, Winds SE 15 knots, Seas 2-4 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead Rope Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, wood

Port Aft Discharge Screening Trash, wood

Stbd Forward Discharge Screening Trash, wood, shell

Stbd Aft Discharge Screening Trash, wood, decomposed southern sting ray

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08 / 13 / 95

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

LOAD # 16 Times: Start 1941 End 2004 Dump 2009

Location(lat/long) _____ Stations 80-140 Tide _____
Slack

Weather Cloudy, Winds Se 15 knots, Seas 2-4 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, plastic, net, shell

Port Aft Discharge Screening Trash, wood

Stbd Forward Discharge Screening Trash, wood

Stbd Aft Discharge Screening Trash, wood, blue crab

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/13/95

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

LOAD # 17 Times: Start 2052 End 2115 Dump 2122

Location(lat/long) _____ Stations 80-140 Tide Ebb

Weather Cloudy, Winds Se 15 knots, Seas 2-4 H₂O Surf. Temp 28 c

Below Mid-Depth 28 c

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, wood, metal strip

Port Aft Discharge Screening Trash, wood, blue crab

Stbd Forward Discharge Screening Trash, wood, sargassum

Stbd Aft Discharge Screening Trash, wood, sargassum

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/13/ 95

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

LOAD # 18 Times: Start 2207 End 2235 Dump 2242

Location(lat/long) _____ Stations 80-140 Tide Ebb

Weather Partly cloudy, Winds SE 20 knots, Seas 2-4 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead Net Deflector: ok

Port Forward Discharge Screening Trash, wood

Port Aft Discharge Screening Trash, wood, sargassum

Stbd Forward Discharge Screening Trash, wood, dragtooth

Stbd Aft Discharge Screening Trash, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08 / 13 / 95

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

LOAD # 19 Times: Start 2320 End 2339 Dump 2347

Location(lat/long) _____ Stations 80-140 Tide Ebb

Weather Overcast, winds SE 15 knots, seas 3-4 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening clay balls, wood

Port Aft Discharge Screening clay balls, trash, two eels

Stbd Forward Discharge Screening clay balls

Stbd Aft Discharge Screening clay balls, trash

Comments: almost all of the debris sampled was a viscous grey clay

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8 / 14 / 95

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

LOAD # 1 Times: Start 0033 End 0058 Dump 0107

Location(lat/long) Stations 80-140 Tide Ebb

Weather Partly cloudy, winds SE 15knots, seas 3-4 H₂O Surf. Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening trash

Port Aft Discharge Screening trash, wood, metal scrap

Stbd Forward Discharge Screening trash, plastic

Stbd Aft Discharge Screening wood, fishing line, trash

Comments: no clay

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8 / 14 / 95

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

LOAD # 2 Times: Star 0147 End 0210 Dump 0217

Location(lat/long) Stations 80-140 Tide Ebb

Weather overcast, winds SE 10knots, seas 3-4 H₂O Surf.Temp 29 c

Below Mid-Depth 29 c

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening wood, trash

Port Aft Discharge Screening wood, trash, fishing net

Stbd Forward Discharge Screening wood

Stbd Aft Discharge Screening wood, trash fishing net

Comments: sparse debris

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8 /15 /95

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

LOAD # 1-2 Times: Start 1447 End 1540 Dump 1745

Location(lat/long) _____ Stations 55-38 Tide Ebb

Weather Clear, winds E 15 knots, seas 3-4 H₂O Surf.Temp 29°C

Below Mid-Depth 29°C

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening wood, plastic, clay, rock, shell, trash

Port Aft Discharge Screening wood plastic trash, rock, clay

Stbd Forward Discharge Screening wood, trash, rock, clay, 2 catfish, a stargazer

Stbd Aft Discharge Screening wood, rock, clay, trash, shell

Comments: an even mixture of rock, shell, and clay. The stargazer weighed about 2 lbs.

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
<u>Tt</u>	<u>3</u>	<u>1550</u>	<u>Inside the jetties</u>

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08 / 15 / 95

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

LOAD # 02 Times: Start 1823 End 1842 Dump 1902

Location(lat/long) _____ Stations 140-210 Tide Flood

Weather Partly cloudy, Winds SE 20 knots, Seas 3-5 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead Trash Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, wood

Port Aft Discharge Screening Trash, wood, pvc pipe

Stbd Forward Discharge Screening Trash, wood, whelk

Stbd Aft Discharge Screening Trash, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/15/95

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

LOAD # 03 Times: Start 1931 End 1951 Dump 2015

Location(lat/long) _____ Stations 210-140 Tide _____ Flood _____

Weather Partly cloudy, Winds SE 15-20 knots, Seas 3-5 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, blue crab, dive mask, wood

Port Aft Discharge Screening Trash, wood

Stbd Forward Discharge Screening Trash, wood, rock

Stbd Aft Discharge Screening Trash, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/15/95

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

LOAD # 04 Times: Start 2030 End 2055 Dump 2103

Location(lat/long) _____ Stations 210-140 Tide _____ Flood

Weather Partly cloudy, Winds SE 20 knots, Seas 4-6 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, wood

Port Aft Discharge Screening Trash, wood

Stbd Forward Discharge Screening Trash, wood

Stbd Aft Discharge Screening Trash, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/15/95

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

LOAD # 05 Times: Start 2126 End 2150 Dump 2157

Location(lat/long) _____ Stations 210-140 Tide Flood

Weather Partly cloudy, Winds SE 20 knots, Seas 3-5 H₂O Surf.Temp 29 c

Below Mid-Depth 29 c

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, wood

Port Aft Discharge Screening Trash, wood

Stbd Forward Discharge Screening Trash, wood

Stbd Aft Discharge Screening Trash, wood, whelk

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08 / 15 / 95

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

LOAD # 06 Times: Start 2221 End 2244 Dump 2256

Location(lat/long) _____ Stations 140-210 Tide Flood

Weather Partly cloudy, Winds SE 20 knots, Seas 3-5 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead Net Deflector: ok

Center Draghead o Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash

Port Aft Discharge Screening Trash, rope, cable, wood

Stbd Forward Discharge Screening Trash, wood

Stbd Aft Discharge Screening Trash, plastic bags

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/15/95

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

LOAD # 07 Times: Start 2316 End 2342 Dump 2350

Location(lat/long) _____ Stations 210-140 Tide _____ Flood _____

Weather Partly cloudy, Winds SE 15-20 knots, Seas 3-5 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening wood, plastic wrapping, fishing line, clay

Port Aft Discharge Screening wood fishing line, plastic

Stbd Forward Discharge Screening clay, trash

Stbd Aft Discharge Screening wood trash fishing line

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8 / 16 / 95

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

LOAD # 01 Times: Start 0030 End 0055 Dump 0100

Location(lat/long) _____ Stations 210-140 Tide flood

Weather Overcast, winds SE 15 knots, seas 3-4 H₂O Surf. Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening trash, wood

Port Aft Discharge Screening plastic trash wood

Stbd Forward Discharge Screening wood, whelk, trash

Stbd Aft Discharge Screening trash, shell, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8 /16/95

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

LOAD # 02 Times: Start 0139 End 0203 Dump 0217

Location(lat/long) Stations 210-140 Tide Flood

Weather Overcast/rain, winds, SE15knots, seas 3-4 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead rope Deflector: ok

Port Forward Discharge Screening wood, trash, aflounder

Port Aft Discharge Screening wood, fishing net, trash

Stbd Forward Discharge Screening plastic containers, trash

Stbd Aft Discharge Screening wood, fishing line

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8 / 16 / 95

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

LOAD # 03 Times: Start 0241 End 0307 Dump 0320

Location(lat/long) _____ Stations 210-140 Tide Flood

Weather Overcast, winds SE 15Knots, seas 3-4 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening wood, metal tubing

Port Aft Discharge Screening plastic containers, trash, whelk

Stbd Forward Discharge Screening wood

Stbd Aft Discharge Screening trash, plastic, a hammer

Comments: sparse debris

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8 / 16 / 95

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

LOAD # 04 Times: Start 0345 End 0405 Dump 0425

Location(lat/long) stations 210-140 Tide Flood

Weather Overcast, winds SE15 knots, seas 3-4 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening fishing line

Port Aft Discharge Screening plastic wrap, fishing line

Stbd Forward Discharge Screening trash, wood

Stbd Aft Discharge Screening plastic wrap, fishing line

Comments: sparse debris

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8 / 16 / 95

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

LOAD # 05 Times: Start 0503 End 0530 Dump 0542

Location(lat/long) _____ Stations 210-140 Tide Flood

Weather Overcast/rain, winds SE 15knots, seas 3-4 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: Ok

Port Forward Discharge Screening Trash, wood

Port Aft Discharge Screening Trash, wood

Stbd Forward Discharge Screening Trash, wood, rope

Stbd Aft Discharge Screening Trash, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08 /16 / 95

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

LOAD # 06 Times: Start 0605 End 0628 Dump 0640

Location(lat/long) _____ Stations 140-210 Tide _____ Flood _____

Weather Cloudy, Winds SE 20 knots, Seas 2-4 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead Trash Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, rope, wood

Port Aft Discharge Screening Trash, wood

Stbd Forward Discharge Screening Trash, wood

Stbd Aft Discharge Screening Trash, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08 /16/ 95

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

LOAD # 07 Times: Start 0702 End 0725 Dump 0734

Location(lat/long) _____ Stations 140-210 Tide Flood

Weather Cloudy, WInds SE 15-20 knots, Seas 2-4 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, wood, old dolphin vertebrate, net

Port Aft Discharge Screening Trash, wood

Stbd Forward Discharge Screening Trash, rope, wood

Stbd Aft Discharge Screening Trash, wood, pen shell

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/16/95

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

LOAD # 08 Times: Start 0759 End 0821 Dump 0930

Location(lat/long) _____ Stations 140-210 Tide Slack

Weather Cloudy, Winds SE 10-13 knots, Seas 2-4 H₂O Surf.Temp 29 c
Below Mid-Depth 29 c

Port Draghead o Deflector: ok

Center Draghead o Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, rope, wood

Port Aft Discharge Screening Trash, wood, oil filter

Stbd Forward Discharge Screening Trash, wood

Stbd Aft Discharge Screening Trash, wood, old turtle bone

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/16/95

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

LOAD # 09 Times: Start 0958 End 1020 Dump 1034

Location(lat/long) _____ Stations 140-210 Tide Ebb

Weather Cloudy, Winds 10-15 knots, Seas 2-4 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, wood, rope

Port Aft Discharge Screening Trash, wood, pen shell

Stbd Forward Discharge Screening Trash, wood

Stbd Aft Discharge Screening Trash, wood, metal

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
<u>Tt =</u>	<u>2</u>	<u>10</u>	<u>Mid cut</u>

Observer(s) On Duty: Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *WHEELER* - Corpus Christi, TX
USACE, Galveston District

08 / 16 / 95

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

LOAD # 10 Times: Start 1057 End 1116 Dump 1129

Location(lat/long) _____ Stations 140-210 Tide Ebb

Weather Partly cloudy, Winds SE 10 knots, Seas 2-4 H₂O Surf. Temp _____
Below Mid-Depth _____

Port Draghead o Deflector: ok

Center Draghead o Deflector: ok

Stbd Draghead o Deflector: ok

Port Forward Discharge Screening Trash, wood

Port Aft Discharge Screening Trash, wood

Stbd Forward Discharge Screening Trash, wood, rope

Stbd Aft Discharge Screening Trash, wood, plastic

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge **WHEELER** - Corpus Christi, TX

USACE, Galveston District

08 / 16 / 95

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

LOAD # 11 Times: Start 1153 End 1220 Dump 1247

Location(lat/long) _____ Stations 140-210 Tide Ebb

Weather Partly cloudy, winds SE 5-10 knots, seas 1-3 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening wood, plastic containers

Port Aft Discharge Screening wood, plastic wrapping, fishing line, cloth

Stbd Forward Discharge Screening wood, trash, starfish

Stbd Aft Discharge Screening wood fishing line, cloth

Comments: Fire and boat drill 1230

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
<u>Tt</u>	<u>3</u>	<u>1155</u>	<u>Cut area</u>
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge WHEELER - Corpus Christi, TX
USACE, Galveston District

8 / 16 / 95

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

LOAD # 12 Times: Start 1306 End 1330 Dump 1344

Location(lat/long) Stations 140-210 Tide Ebb

Weather Partly cloudy, winds 5-10 knots, seas 2-3 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening fishing line, garbage

Port Aft Discharge Screening cloth, plastic containers

Stbd Forward Discharge Screening trash, wood, turtle bone (plastron)^{hvo}

Stbd Aft Discharge Screening platic bags, wood

Comments: sparse debris, an old turtle bone found

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8 /16 /95

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

LOAD # 13 Times: Start 1408 End 1435 Dump 1450

Location(lat/long) _____ Stations 140-210 Tide Ebb

Weather Partly cloudy, winds SE 5-10 knots, seas 2-3 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening fishing line

Port Aft Discharge Screening metal scrap, wood, fishing line, cloth

Stbd Forward Discharge Screening trash

Stbd Aft Discharge Screening wood, diving equipment, trash

Comments: sparse debris

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *WHEELER* - Corpus Christi, TX
USACE, Galveston District

8 / 16 / 95

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

LOAD # 14 Times: Start 1526 End 1551 Dump 1609

Location(lat/long) Stations 140-210 Tide Ebb

Weather Partly cloudy, winds SE5-10, seas 3-4 H₂O Surf.Temp 29°C
Below Mid-Depth 29°C

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening wood, plastic containers

Port Aft Discharge Screening wood cloth, fishing line

Stbd Forward Discharge Screening wood

Stbd Aft Discharge Screening wood, plastic, diving equipment

Comments: sparse debris

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge WHEELER - Corpus Christi, TX

USACE, Galveston District

8 /16/95

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

LOAD # 15 Times: Start 1639 End 1705 Dump 1735

Location(lat/long) _____ Stations 38-550 Tide Ebb

Weather Partly cloudy, winds SE 5-10, seas 3-4 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening rock, wood, clay, garbage

Port Aft Discharge Screening plastic wrap, garbage, rock

Stbd Forward Discharge Screening rock, clay, wood, garbage, a crab

Stbd Aft Discharge Screening rock, clay, wood

Comments: all discharge boxes contained large amounts of rock and clay

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *WHEELER* - Corpus Christi, TX
USACE, Galveston District

08/16/95

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

LOAD # 16 Times: Start 1755 End 1820 Dump 1830

Location(lat/long) _____ Stations 140+210 Tide Ebb

Weather Partly cloudy, Winds SE 15 knots, Seas 3-4 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, wood, rock

Port Aft Discharge Screening Trash, wood

Stbd Forward Discharge Screening Trash, wood

Stbd Aft Discharge Screening Trash, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/16/95

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

LOAD # 17 Times: Start 1911 End 1937 Dump 1948

Location(lat/long) _____ Stations 140-210 Tide Slack

Weather Partly cloudy, Winds Se 20 knots, Seas 2-4 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok
Center Draghead 0 Deflector: ok
Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, wood

Port Aft Discharge Screening Trash, wood

Stbd Forward Discharge Screening Trash, wood, net

Stbd Aft Discharge Screening Trash, wood

Comments: Samples small in quantity

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
<u>Tt</u>	<u>2</u>	<u>1920</u>	<u>Mid cut</u>
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *WHEELER* - Corpus Christi, TX
USACE, Galveston District

08 / 16 / 95

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

LOAD # 18 Times: Start 2013 End 2039 Dump 2052

Location(lat/long) _____ Stations 140-210 Tide Flood

Weather Partly cloudy, Winds SE 22 knots, Seas 2-4 H₂O Surf. Temp 29 c

Below Mid-Depth 29 c

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, wood

Port Aft Discharge Screening Trash, wood, rock

Stbd Forward Discharge Screening Trash

Stbd Aft Discharge Screening Trash, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge **WHEELER** - Corpus Christi, TX

USACE, Galveston District

08/16/95

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

LOAD # 19 Times: Start 2113 End 2132 Dump 2145

Location(lat/long) _____ Stations 140-210 Tide Flood

Weather Partly cloudy, Winns SE 22 knots, Seas 2-4 H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, rope

Port Aft Discharge Screening Trash, cable, wood, old turtle bone

Stbd Forward Discharge Screening Trash, wood

Stbd Aft Discharge Screening Trash, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08 / 16 / 95

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

LOAD # 20 Times: Start 2208 End 2225 Dump 2240

Location(lat/long) _____ Stations 140-210 Tide Flood

Weather Mostly clear, Winds SE 20 knots, Seas 2-4 H₂O Surf. Temp _____

Below Mid-Depth _____

Port Draghead o Deflector: ok

Center Draghead o Deflector: ok

Stbd Draghead o Deflector: ok

Port Forward Discharge Screening Trash, crab trap, wood

Port Aft Discharge Screening Trash, blue crab, wood

Stbd Forward Discharge Screening Trash, wood

Stbd Aft Discharge Screening Trash, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge WHEELER - Corpus Christi, TX
USACE, Galveston District

08 / 16 / 95

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

LOAD # 21 Times: Start 2310 End 2329 Dump 2341

Location(lat/long) _____ Stations 140-210 Tide Flood

Weather Mostly clear, Winds SE 20 knots, Seas 2-4 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, wood

Port Aft Discharge Screening Trash, wood

Stbd Forward Discharge Screening Trash, wood

Stbd Aft Discharge Screening Trash, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8 / 17 / 95

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

LOAD # 1 Times: Start 0007 End 0033 Dump 0047

Location(lat/long) Stations 140-210 Tide Flood

Weather Partly cloudy, winds SE 15-20 knots, seas 3-4 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening wood, plastic

Port Aft Discharge Screening plastic containers, wood, metal scrap

Stbd Forward Discharge Screening plastic

Stbd Aft Discharge Screening plastic, wood, garbage

Comments: slimy mud

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8 / 17 / 95

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

LOAD # 2 Times: Start 0115 End 0140 Dump 0154

Location(lat/long) _____ Stations 120-140 Tide Flood

Weather Partly cloudy, winds SE15 knots, seas 2-3 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening wood, cloth

Port Aft Discharge Screening plastic, garbage

Stbd Forward Discharge Screening cloth, fishing line

Stbd Aft Discharge Screening garbage, wood

Comments: new station-sparse debris

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8 / 17 / 95

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

LOAD # 3 Times: Start 0219 End 0245 Dump 0300

Location(lat/long) Stations 120-140 Tide Flood

Weather partly cloudy, winds SE15knots, seas 2-3 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening plastic wrap, cloth

Port Aft Discharge Screening wood, trash, a skate

Stbd Forward Discharge Screening trash

Stbd Aft Discharge Screening wood, trash

Comments: sparse debris

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8 / 17 / 95

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

LOAD # 4 Times: Start 0319 End 0346 Dump 0356

Location(lat/long) _____ Stations 120-140 Tide Flood

Weather Clear, winds SE 10-15 knots, seas 2-3 H₂O Surf. Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening wood, plastic, a flounder, blue crab

Port Aft Discharge Screening wood, trash

Stbd Forward Discharge Screening cloth, trash

Stbd Aft Discharge Screening wood, trash, shell

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *WHEELER* - Corpus Christi, TX
USACE, Galveston District

8 / 17 / 95

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

LOAD # 5 Times: Start 0415 End 0442 Dump 0455

Location(lat/long) Stations 120-140 Tide Flood

Weather Clear, winds SE 5-10, seas 1-3 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening wood, steel cable, trash

Port Aft Discharge Screening wood, trash, wire, plastic cable

Stbd Forward Discharge Screening wood trash, a starfish

Stbd Aft Discharge Screening wood, trash

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/17/95

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

LOAD # 06 Times: Start 0512 End 0539 Dump 0551

Location(lat/long) _____ Stations 120-140 Tide Ebb

Weather Clear, Winds SE 5-10 knots, Seas 1-3 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, wood

Port Aft Discharge Screening Trash, wood

Stbd Forward Discharge Screening Trash, wood

Stbd Aft Discharge Screening Trash, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *WHEELER* - Corpus Christi, TX
USACE, Galveston District

08 / 17 / 95

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

LOAD # 07 Times: Start 0608 End 0630 Dump 0744

Location(lat/long) _____ Stations 140-120 Tide Slack

Weather Partly cloudy, Winds SE 5 knots, Seas 2-3 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, wood

Port Aft Discharge Screening Trash, wood, whelk

Stbd Forward Discharge Screening Trash, wood

Stbd Aft Discharge Screening Trash, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *WHEELER* - Corpus Christi, TX
USACE, Galveston District

08/17/95

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

LOAD # 10 Times: Start 1021 End 1044 Dump 1054

Location(lat/long) _____ Stations 140-210 Tide Ebb

Weather Partly cloudy, Winds S-SE 10 knots, Seas 1-3 H₂O Surf. Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, wood

Port Aft Discharge Screening Trash, wood

Stbd Forward Discharge Screening Trash

Stbd Aft Discharge Screening Trash, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *WHEELER* - Corpus Christi, TX
USACE, Galveston District

08 / 17 / 95

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

LOAD # 11 Times: Start 1118 End 1136 Dump 1149

Location(lat/long) _____ Stations 140-210 Tide Ebb

Weather Partly cloudy, Winds S-SE 10 knots, Seas 1-3 H₂O Surf. Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, wood

Port Aft Discharge Screening Trash, wood

Stbd Forward Discharge Screening Trash, wood

Stbd Aft Discharge Screening Trash

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *WHEELER* - Corpus Christi, TX
USACE, Galveston District

8 / 17 / 95

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

LOAD # 12 Times: Start 1211 End 1236 Dump 1245

Location(lat/long) Stations 140-210 Tide Ebb

Weather Clear, winds SE 10 knots, seas 1-2 H₂O Surf. Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening wood

Port Aft Discharge Screening fishing line, trash

Stbd Forward Discharge Screening wood

Stbd Aft Discharge Screening trash

Comments: sparse debris

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

8/17/95

Are there incidents involving endangered or protected species?

Yes _____

No X

LOAD # 13

Times: Start 0121

End 0141

Dump 0159

Location(lat/long) Stations 140-210

Tide Ebb

Weather Clear, winds SE 10 knots, seas 1-2

H₂O Surf.Temp _____

Below Mid-Depth _____

Port Draghead 0

Deflector: ok

Center Draghead 0

Deflector: ok

Stbd Draghead 0

Deflector: ok

Port Forward Discharge Screening wood

Port Aft Discharge Screening fishing line, trash

Stbd Forward Discharge Screening wood

Stbd Aft Discharge Screening trash

Comments: very sparse debris

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *WHEELER* - Corpus Christi, TX
USACE, Galveston District

8 / 17 / 95

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

LOAD # 14 Times: Start 0229 End 0256 Dump 0307

Location(lat/long) _____ Stations 140-210 Tide Ebb

Weather Clear, winds SE 10 knots, seas 1-2 H₂O Surf. Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening wood, trash, plastic

Port Aft Discharge Screening plastic wrap, wood

Stbd Forward Discharge Screening wood, trash, a skate

Stbd Aft Discharge Screening trash, wood, a bluecrab

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge **WHEELER** - Corpus Christi, TX

USACE, Galveston District

8 / 17 / 95

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

LOAD # 15 Times: Start 1525 End 1557 Dump 1605

Location(lat/long) Stations 140-210 Tide Ebb

Weather Partly cloudy, winds SE 10 knots, seas 1-2 H₂O Surf. Temp 30°C

Below Mid-Depth 30°C

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening wood

Port Aft Discharge Screening wood, trash, a skate

Stbd Forward Discharge Screening wood, trash

Stbd Aft Discharge Screening trash, blue crab

Comments: hatch covers were all lubed with spray

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
<u>Tt</u>	<u>3</u>	<u>1600</u>	<u>three bottlenose dolphins seen at the end of the cut</u>

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *WHEELER* - Corpus Christi, TX
USACE, Galveston District

8 / 17 / 95

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

LOAD # 16 Times: Start 1629 End 1650 Dump 1701

Location(lat/long) _____ Stations 140-210 Tide Ebb

Weather Clear, winds SE 10 knots, seas 1-2 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening fishing line, trash

Port Aft Discharge Screening wood, trash

Stbd Forward Discharge Screening wood

Stbd Aft Discharge Screening wood, trash, fishing line

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *WHEELER* - Corpus Christi, TX
USACE, Galveston District

08/17/95

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

LOAD # 17 Times: Start 1723 End 1745 Dump 1752

Location(lat/long) Stations 140-210 Tide Ebb

Weather Clear, Wind SE 15 knots, Seas 1-2 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead rope Deflector: ok

Port Forward Discharge Screening Trash, wood

Port Aft Discharge Screening Trash, wood

Stbd Forward Discharge Screening Trash, wood

Stbd Aft Discharge Screening Trash, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/17/95

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

LOAD # 18 Times: Start 1811 End 1830 Dump 1847

Location(lat/long) _____ Stations 140-210 Tide Ebb

Weather Partly cloudy, Winds SE 15 knots, Seas 1 H₂O Surf. Temp _____
Below Mid-Depth _____

Port Draghead o Deflector: ok

Center Draghead o Deflector: ok

Stbd Draghead o Deflector: ok

Port Forward Discharge Screening Trash, wood, mantis shrimp

Port Aft Discharge Screening Trash, fishing line

Stbd Forward Discharge Screening Trash, wood

Stbd Aft Discharge Screening Trash, wood

Comments: On top of the dragheads there is a small screen opening, center draghead, starboard side, one then the other bar came off. Door was closed till an opportune time comes to weld bars back on.

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *WHEELER* - Corpus Christi, TX
USACE, Galveston District

08 / 17 / 95

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

LOAD # 19 Times: Start 1908 End 1926 Dump 1938

Location(lat/long) _____ Stations 140-210 Tide Ebb

Weather Partly cloudy, Winds SE 20 knots, Seas 1-3 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, wood

Port Aft Discharge Screening Trash, wood, pen shell

Stbd Forward Discharge Screening Trash, wood

Stbd Aft Discharge Screening Trash, wood, oil filter

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *WHEELER* - Corpus Christi, TX
USACE, Galveston District

08 / 17 / 95

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

LOAD # 20 Times: Start 2004 End 2020 Dump 2030

Location(lat/long) _____ Stations 140-210 Tide Slack

Weather Partly cloudy, Winds SE 15 knots, Seas 2-4 H₂O Surf. Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash

Port Aft Discharge Screening Trash, wood, sargassum, seaweed

Stbd Forward Discharge Screening Trash, wood

Stbd Aft Discharge Screening Trash, wood, seaweed

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/17/95

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

LOAD # 21 Times: Start 2045 End 2102 Dump 2112

Location(lat/long) _____ Stations 140-210 Tide Flood

Weather Partly cloudy, Winds SE 18 knots, Seas 2-4 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead Rope Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash

Port Aft Discharge Screening Trash, wood, seaweed

Stbd Forward Discharge Screening Trash, wood, seaweed

Stbd Aft Discharge Screening Trash, wood, seaweed

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08 / 1 7 / 95

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

LOAD # 22 Times: Start 2148 End 2211 Dump 2222

Location(lat/long) _____ Stations 140-210 Tide Flood

Weather Mostly clear, Winds Se 15 knots, Seas 2-4 H₂O Surf.Temp 30 c

Below Mid-Depth 30 c

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, blue crab, wood

Port Aft Discharge Screening Trash, sargassum, wood, rock

Stbd Forward Discharge Screening Trash, wood

Stbd Aft Discharge Screening Trash, wood, seaweed, catfish, blue crab

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *WHEELER* - Corpus Christi, TX

USACE, Galveston District

08/17/95

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

LOAD # 23 Times: Start 2238 End 2225 Dump 2308

Location(lat/long) _____ Stations 140-210 Tide Flood

Weather Mostly clear, Winds SE 15-20 knots, Seas 2-4 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening Trash, seaweed

Port Aft Discharge Screening Trash, seaweed, rock, rope

Stbd Forward Discharge Screening Trash, clay

Stbd Aft Discharge Screening Trash, seaweed, wood

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *WHEELER* - Corpus Christi, TX
USACE, Galveston District

08/17/95

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

LOAD # 24 Times: Start 2323 End 2344 Dump 2352

Location(lat/long) _____ Stations 140-210 Tide Flood

Weather Mostly clear, Winds SE 15 knots, Seas 2-4 H₂O Surf.Temp _____
Below Mid-Depth _____

Port Draghead 0 Deflector: ok

Center Draghead 0 Deflector: ok

Stbd Draghead 0 Deflector: ok

Port Forward Discharge Screening wood, cloth

Port Aft Discharge Screening plastic, seagrass

Stbd Forward Discharge Screening wood, trash, a catfish

Stbd Aft Discharge Screening wood, trash, seagrass

Comments: _____

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Peter Westerman