

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Atchafalaya-Freeport Texas
Gulf Coast Trailing Company

DAILY REPORT

Date: 09 / 26 / 95 Loads: 01-14
 Area(s) Worked: Stations 180+00-130+00
 Weather Conditions: Partly cloudy, Winds E 20 knots, Seas 4'-6'
 Range of H₂O Temperature: Surface 28° c Below Mid-Depth 28° c
 Condition of all screening apparatus: See report

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

Comments (type of material being dredged, biological specimens, etc.):
 The dredge is equipped with one draghead on the starboard side. The draghead has been fitted with the new solid style Ted. Two snorkels will be placed on top of the draghead tomorrow. There are no open hatches that need to be screened. The inflow pipe is located on the port side of the hopper. The inflow screening consist of two lateral screened areas inside the pipe. These screens are 4"x4" and have hatch openings on top of the pipe. Observers open up hatches and crawl inside the pipe to clean. The material used is made up of thin bars and will probably need alot of maintenance. At the end of the inflow pipe there is a lander with 4"x4" screening. The screen is 49" in height and 67" in width. So the dredge is 100% inflow screened. No material will be pumped through the overflow discharge pipe with out going through the screens first.
 Dredge arrives at first light and commences dredging at 1030.
 Material digging is mud and some clay. Samples mainly consist of trash, bryozoan, mud worms, whelks, whelk egg cases and shell.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
No sightings	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman, Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Atchafalaya-Freeport Texas
Gulf Coast Trailing Company

DAILY REPORT

Date: 09 / 27 / 95 Loads: 15-40

Area(s) Worked: Stations 180+00-130+00

Weather Conditions: Mostly clear, Winds variable 10-15 knots, Seas 2'-4'

Range of H₂O Temperature: Surface 28^oc Below Mid-Depth 28^oc

Condition of all screening apparatus: Screening intact and working fine, see report for clay overflow.

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

Comments (type of material being dredged, biological specimens, etc.):

Material digging is mud and clay. The clay quantities being sampled in the lander has increased. So much clay is being dug that the lander fills up with clay and overflows into the hopper. This clogging of the screen is causing problems with sampling and entrance to the lander. Some material is even spilling on to the deck. Cut times are short, approximately half an hour or less. Observers have talked to the captain about improving the situation. Some new improvements will be made to try to deal with all this clay.

Samples are mostly clay, other samples include catfish, wood, bryozoan, mud worms, whelks and trash.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
No sightings	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
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Observer(s) On Duty: Eric Westerman, Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Atchafalaya-Freeport Texas
Gulf Coast Trailing Company

DAILY REPORT

Date: 09 / 28 / 95 Loads: 41-65
 Area(s) Worked: Stations 180+00-130+00
 Weather Conditions: Clear, Winds NE 10-15 knots, Seas 2'-3'
 Range of H₂O Temperature: Surface 28°c Below Mid-Depth 28°c
 Condition of all screening apparatus: Intact and working fine with clay overflow

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

Comments (type of material being dredged, biological specimens, etc.):
Clay quantities continue to cause and overflow
problem. When digging the clay samples can fill up the
the lander in a couple of seconds, this is causing material
to flow over the lander laterally. This spills material on
to the deck and into the hopper. The first idea was to add
some lateral screening to the side of the lander. But the
clay samples have been so large at times that the clay
has started to backup into the pipes. This has forced the
hatch doors open from all the backup pressure. Maybe the clay
problem wont be so bad in the other stations. But the inflow
sampling system setup on the dredge is a good standard system.
The problem is with this dredge or any other dredge there
is no way to have a good inflow sampling system when the
dredge is digging this much clay. Some improvements can
be made with the spillage of material on to the deck and
clay build up on the walk way.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt		4	Bottlenose dolphins
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman, Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Atchafalaya-Freeport Texas
Gulf Coast Trailing Company

DAILY REPORT

Date: 09 / 29 / 95 Loads: 66-73

Area(s) Worked: Stations 180+00-130+00

Weather Conditions: Clear, Winds SE 10 knots, Seas 2'-4'

Range of H₂O Temperature: Surface 28^o C Below Mid-Depth 28^o C

Condition of all screening apparatus: Inflow screening intact and working fine with clay overflow.

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

Comments (type of material being dredged, biological specimens, etc.):

After dumping load 73 at 0817 dredge experiences
some hydraulic hose problems. Dredge goes into port for
the day to make the repairs. Changes to the lander entrance
and splash board will be put on today.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>No sightings</u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
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Observer(s) On Duty: Eric Westerman, Peter Westerman

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge Atchafalaya-Freeport Texas
Gulf Coast Trailing Company

DAILY REPORT

Date: 09 / 30 / 95 Loads: 74-95

Area(s) Worked: Stations 180+00-130+00

Weather Conditions: Partly cloudy, Winds SE 10-15 knots, Seas 4'-6'

Range of H₂O Temperature: Surface 27-28^oC Below Mid-Depth 27-28^oC

Condition of all screening apparatus: Load 78 fore lateral screening had a blowout. Screen was not repairable. The door was closed so all material will flow through the mid and lander screening.

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

Comments (type of material being dredged, biological specimens, etc.):
Material digging is still mud and large amounts of clay. So it is no problem to close the fore lateral loading door. The door will be kept closed until a new screen can be put in. Or if the whole project is mud the door maybe kept closed.

The new splash board and walkway are in place and working fine. Clay samples are still large in quantity. 99% of all samples is clay. Clay overflow in these stations happens on every load. Other samples include catfish, whelks, whelk egg cases, bryozoan, net and trash.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u> </u>	<u>2</u>	<u>Bottlenose Dolphins</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
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Observer(s) On Duty: Eric Westerman, Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Atchafalaya - Freeport Texas
Gulf Coast Trailing Company

WEEKLY SUMMARY

Dates: 09 / 26 / 95 - 09 / 30 / 95 Loads: 01-95

Range of H₂O Temperature: Surface 27-28° C Below Mid-Depth 27-28° C

Area(s) Worked: Stations 180+00-130+00

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

Comments: No turtles were sighted or sampled this week.

Material digging this week has been mud and large
amounts of clay. There is so much clay in this area
that it has been overflowing over the lander screen.

This has also been making material overflow on to
the deck and making entrance to the lander difficult.

Observers with the captain and crew have come up with
some solutions. A splash board has been put up by the
lander keeping material from overflowing onto the deck.

A new entrance was made for observers to get to the
lander. As far as the clogging of the lander screen
and overflow goes there is not much that can be done
about that. Maybe this will not be a problem when
the dredge moves into another area. The fore lander
screen had a blowout this week. The door was closed
and all material now goes through the mid lateral and
lander screening.

Samples this week are mainly clay, trash, bryozoan,
whelks, catfish, mud worms, whelk egg cases, wood,
rock and shell.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u> </u>	<u>6</u>	<u>Bottlenose Dolphins</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
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Observers On Duty: Eric Westerman, Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Archafalaya - Freeport, TX

Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 10 / 01 / 95 Loads: 96-107

Area(s) Worked: Stations 180+00-130+00

Weather Conditions: Partly cloudy, Winds NE 15-20 knots, Seas 5+8'

Range of H2O Temperature: Surface 27°C Below Mid-Depth 27°C

Condition of all screening apparatus: Mid lateral screen had a blowout. The door was closed, all material now flows to the lander.

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

Comments (type of material being dredged, biological specimens, etc.):

Clay samples still very large in quantity. All loads had clay overflow. Other samples include bryozoan, trash, shell and catfish.

Seas and winds are picking up. Due to bad weather dredge goes into port at 1800.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt		10	Bottlenose Dolphins

Eric Westerman, Peter Westerman

Observer(s) On Duty:

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *Atchafalaya* - Freeport, TX

Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 10 / 02 / 95 Loads: NA

Area(s) Worked: NA

Weather Conditions: NA

Range of H₂O Temperature: Surface Below Mid-Depth

Condition of all screening apparatus:

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

Comments (type of material being dredged, biological specimens, etc.):

Dredge is at the dock due to bad weather. Dredge travels to Texas city to do some repairs.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Eric Westerman, Peter Westerman

Observer(s) On Duty:

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge *Atchafalaya* - Freeport, TX

Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 10 / 03 / 95 Loads: NA

Area(s) Worked: NA

Weather Conditions: NA

Range of H₂O Temperature: Surface Below Mid-Depth

Condition of all screening apparatus:

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

Comments (type of material being dredged, biological specimens, etc.):

Dredge is in Texas city for repairs.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: Eric Westerman, Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *Atchafalaya* - Freeport, TX

Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 10 / 04 / 95 Loads: NA

Area(s) Worked: NA

Weather Conditions: NA

Range of H₂O Temperature: Surface Below Mid-Depth

Condition of all screening apparatus:

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

Comments (type of material being dredged, biological specimens, etc.):

Dredge is in Texas city for repairs.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: Eric Westerman, Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *Atchafalaya* - Freeport, TX

Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 10 / 05 / 95 Loads: 108-119

Area(s) Worked: Stations 130+00-180+00

Weather Conditions: Clear, Winds variable 10-15 knots, Seas 1-3

Range of H₂O Temperature: Surface 27°C Below Mid-Depth 27°C

Condition of all screening apparatus: New heavy duty screens were welded into the mid and fore discharge openings. Lander screen intact, Ted in good shape.

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

Comments (type of material being dredged, biological specimens, etc.):

Dredge returns from Texas city and commences dredging at 1525. While the dredge was at the shipyard new lateral screens were welded in the fore and mid discharge openings. These openings have been closed since last week when the screens tore apart. This new screening is made out of a heavy duty bar with 4"x4" openings. This material will hold up to any pressure.

Clay samples continue to be large in quantity. Clay overflow of the lander screen continues. While the dredge is in transit to and from the disposal area observers are spending all this time cleaning out the lander. While the dredge is digging in a mud and clay area mid and fore discharge screens will be cleaned and checked periodically. Most all of the samples flow to the lander screen. These lateral screens stay relatively clean, usually sampling small debris trash.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt		4	Bottlenose Dolphins

Eric Westerman, Peter Westerman

Observer(s) On Duty:

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge *Atchafalaya* - Freeport, TX

Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 10 / 06 / 95 Loads: 119-154

Area(s) Worked: Stations 130+00-180+00

Weather Conditions: Clear, Winds N 10-20 knots, Seas 2'-3'

Range of H₂O Temperature: Surface 26°C Below Mid-Depth 26°C

Condition of all screening apparatus: In good working order

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

Comments (type of material being dredged, biological specimens, etc.):

Clay samples continue to be large in quantity. Clay
samples continue to overflow over the lander screen on most
loads. Other samples include trash, wood, whelks, whelk egg
cases, bryozoan and rock. Samples are very small in the mid
fore lateral screens.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
No sightings			

Eric Westerman, Peter Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *Atchafalaya* - Freeport, TX

Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 10 / 07 / 95 Loads: 155-189

Area(s) Worked: Stations 130+00-180+00

Weather Conditions: Sky clear, Winds variable 10-20 knots, Seas 2-5

Range of H₂O Temperature: Surface 26°-27°-28° C Below Mid-Depth 26°-27°-28° C

Condition of all screening apparatus: Intact and in good working order

Are there incidents involving endangered or protected species? Yes No

Comments (type of material being dredged, biological specimens, etc.):

Material digging is mud and clay. Samples include

clay, trash, wood, whelks, pen shell, bryozoan, catfish,

rock, shrimp and blue crabs. Most of what is being sampled

is clay. Most loads lander fills completely up with clay and

overflows over the top and side.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u> </u>	<u>1</u>	<u>Bottlenose Dolphin</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observer(s) On Duty: Eric Westerman, Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Atchafalaya - Freeport, TX

Gulf Coast Trailing Co./USACE, Galveston District

FILE

WEEKLY SUMMARY

Dates: 10 / 01 / 95 - 10 / 07 / 95 Loads: 96-189

Range of H₂O Temperature: Surface 26-27-28°C Below Mid-Depth 26-27-28°C

Area(s) Worked: Stations 130+00-180+00

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

Comments: The dredge went into port sunday night due to bad weather. Monday dredge went to Texas city for some repairs.

Dredge commenced digging again thursday afternoon. Before the dredge went in on sunday the mid lateral screen had a blowout.

The door was closed and all material was screened through the lander screen. The fore screening had a blowout the day before.

While the dredge was in port a new heavy duty screen was welded into the mid and fore lander. This new screening will holdup to the pressure and will be maintenance free. The lander screening is intact and in good working order.

The material digging this week has been mud and clay. Samples have mainly consisted of large quantities clay. Clay quantities are so large that most loads the lander screen overflows with clay. Other samples include bryozoan, trash, whelks, pen shell, whelk egg cases, wood, catfish, eels and redfish. Even though the lander screen is clogging up and overflowing on most every load the dredge is setup to get the best samples it can. The inflow sampling works fine when the dredge is not digging such large amounts of clay. Maybe when the dredge moves into a new area clay samples will not be so large in quantity. No turtles were sighted or sampled this week.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt		15	Bottlenose Dolphins

Observers On Duty: Eric Westerman, Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Archafalaya - Freeport, TX

Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 10 / 08 / 95 Loads: 190-225

Area(s) Worked: Stations 130+00-155+00-180+00

Weather Conditions: Clear, Winds Variable 5-10 knots, Seas 1-4

Range of H2O Temperature: Surface 26-27°C Below Mid-Depth 26-27°C

Condition of all screening apparatus: Intact and in good working order

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

Comments (type of material being dredged, biological specimens, etc.):

Clay samples continue to be large in quantity.

Clay overflow still is happening on every load. Other samples are small in quantity and include bryozoan, whelks, shrimp, eel, blue crabs, whelk egg cases, trash and rock.

Fore and mid doors are staying closed most of the time during loading.

Bridge Watch Summary

Table with 4 columns: Species, # of Sightings, # of Animals, Comments. Row 1: No sightings

Observer(s) On Duty: Eric Westerman, Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *Atchafalaya* - Freeport, TX

Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 10 / 09 / 95 Loads: 226-260

Area(s) Worked: Stations 130+00-180+00

Weather Conditions: Clear, Winds calm to variable 10 knots, Seas 1-3

Range of H₂O Temperature: Surface 26-27°C Below Mid-Depth 26-27°C

Condition of all screening apparatus: Intact and working fine. New screening added to the port overboard discharge pipe. This screening is 4"x4".

Are there incidents involving endangered or protected species? Yes No

Comments (type of material being dredged, biological specimens, etc.):

On load 254 a adult Loggerhead was stuck to the draghead and intestines were sampled in the lander. The draghead was brought on deck and the turtle was pried out. The turtle was covered with clay. The carapace was severely crushed and a small section from the posterior part of the carapace was missing. The carapace was covered with over 100 barnacles. The turtle was photographed and measured. The turtle will be disposed of at the disposal site tomorrow. The turtle will be weighted down so not to be dredged up again or wash up on the beach. Due to sampling the intestines in the lander it is assumed that the turtle was not taken at the end of the digging cycle. The lander usually fills up with clay and the material overflows over the side. Raphael the dragtender on duty has done a good job at keeping the drags on the bottom while pumping. Material in this area is mud and clay.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt		8	Bottlenose Dolphins, sighted all day in the cut area.

Observer(s) On Duty: Eric Westerman, Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *Archafalaya* - Freeport, TX

Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 10 / 11 / 95 Loads: NA

Area(s) Worked: NA

Weather Conditions: NA

Range of H₂O Temperature: Surface _____ Below Mid-Depth _____

Condition of all screening apparatus: _____

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

Comments (type of material being dredged, biological specimens, etc.): _____

Dredge is in port for repairs.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman, Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *Atchafalaya* - Freeport, TX
Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 10 / 12 / 95 Loads: 280-281

Area(s) Worked: Stations 130+00-180+00

Weather Conditions: Cloudy, Winds E 25 knots, Seas 5-8

Range of H₂O Temperature: Surface 25⁰C Below Mid-Depth 25⁰C

Condition of all screening apparatus: Welds on the lander screening becoming undone, but still in good working order.

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

Comments (type of material being dredged, biological specimens, etc.):

A new screen for the lander has been constructed.

The old screen is still in place and working fine for now.

Although its just a matter of time when this screen will fall apart. So the dredge is ready with a replacement screen when this happens. The new screen is 4"x4" and made out of sturdy material. This new screen will not need any maintenance once it is put in.

Two loads were dug before the weather turned bad and dredge went into port.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
No sightings	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman, Peter Westerman

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge *Atchafalaya* - Freeport, TX

Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 10 / 13 / 95 Loads: 282-292

Area(s) Worked: Stations 130+00-180+00

Weather Conditions: Cloudy, rain, Winds NE 10-15 knots, Seas 3-6

Range of H₂O Temperature: Surface 26°C Below Mid-Depth 26°C

Condition of all screening apparatus: Lander screen is still holding up.

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

Comments (type of material being dredged, biological specimens, etc.):

Dredge commence digging again at 1122. Samples

remain mostly clay. Clay overflow still happens on all

loads. Other samples include bryozoan, spider crabs, trash

and shell.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
No sightings			

Observer(s) On Duty: Eric Westerman, Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Atchafalaya - Freeport, TX
Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 10 / 14 / 95 Loads: 293-300

Area(s) Worked: Stations 130+00-180+00

Weather Conditions: Overcast, Winds NE 10-30 knots, Seas 4-7

Range of H₂O Temperature: Surface 25°C Below Mid-Depth 25°C

Condition of all screening apparatus: Lander screen still holding, all other screening in good shape.

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

Comments (type of material being dredged, biological specimens, etc.):

Samples continue to be mainly clay with clay overflow.

The port overflow discharge pipe was not used today. Dredge goes into port due to bad weather.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
No sightings			

Eric Westerman, Peter Westerman

Observer(s) On Duty:

ENDANGERED SPECIES OBSERVER PROGRAM
 Dredge *Atchafalaya* - Freeport, TX
 Gulf Coast Trailing Co./USACE, Galveston District

WEEKLY SUMMARY

Dates: 10 / 08 / 95 - 10 / 14 / 95 Loads: 226-300

Range of H₂O Temperature: Surface 25-26-27⁰C Below Mid-Depth 25-26-27⁰C

Area(s) Worked: Stations 130+00-155+00-180+00

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

Comments: On the 9th a loggerhead sea turtle was sampled in the
in the lander and draghead. The turtle was photographed and
measured. On the 10th the turtle was weighted down and disposed
of at the disposal site. The material in the area that the
turtle was sampled in is mud and clay. The plastron had a one
cm of clay covering on it. Several pieces of the intestines
were sampled in the lander screen. This indicates that the turtle
was not taken at the end of the load. Due to the screen clogging
up with clay the intestines probably would not have been sampled
were they were found. The pieces were sampled near the bottom
of the screen. The dragtender on duty at the time has done a
good job at keeping the drags on the bottom while pumping.

The lander screen this week has becoming undone from
the broken welds. The screen is in good working order still.
A new screen has been constructed and will be put into place
when needed. This new screening is made out of a sturdy material
and will holdup to all the pressure and wear and tear. A new
screen was also placed in the port overboard discharge pipe.

The dredge went into port this week three times. Twice
due to weather and once for repairs. The material digging this
week has been mud and clay. Samples continue to be mostly clay.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u> </u>	<u>8</u>	<u>Bottlenose Dolphins</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
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Observers On Duty: Eric Westerman, Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Archafalaya - Freeport, TX

Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 10 / 15 / 95 Loads: 301-305

Area(s) Worked: Stations 130+00-180+00

Weather Conditions: Clear, Winds light airs, Seas 6-8

Range of H2O Temperature: Surface 24°C Below Mid-Depth 24°C

Condition of all screening apparatus: Lander screen is holding, all other screens intact.

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

Comments (type of material being dredged, biological specimens, etc.):

Dredge comes out of port in the afternoon to commence dredging again. After a brief try at dredging ship goes to anchor to wait for the seas to subside more. Dredging starts again at 2016. Samples remain mostly clay.

Bridge Watch Summary

Table with 4 columns: Species, # of Sightings, # of Animals, Comments. Row 1: No sightings

Eric Westerman, Peter Westerman

Observer(s) On Duty:

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *Atchafalaya* - Freeport, TX

Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 10 / 18 / 95 Loads: 364-389

Area(s) Worked: Stations 128+00-150+00-

Weather Conditions: Sky variable, Winds E 10-20 knots, Seas 3-6

Range of H₂O Temperature: Surface 25°C Below Mid-Depth 25°C

Condition of all screening apparatus: Lander screen is still in working order.

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

Comments (type of material being dredged, biological specimens, etc.):

Halfway between the cut and dump site a Caretta caretta at 0935. The loggerhead was adult in size. The sighting was at 28-53'-23" N, 95-15'-27" W. Samples continue to be mostly clay with clay overflow on all the loads.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Cc	1	1	Loggerhead sea turtle.
Tt		2	Bottlenose Dolphins

Observer(s) On Duty: Eric Westerman, Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *Atchafalaya* - Freeport, TX

Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 10 / 19 / 95 Loads: 390-411
Area(s) Worked: Stations 128+00-150+00-180+00-160+00-130+00-110+00-80+00
Weather Conditions: Partly cloudy and clear, Winds variable 10 knots to light ai
Range of H2O Temperature: Surface 25°C Below Mid-Depth 25°C Seas 2-5
Condition of all screening apparatus: Lander screen still holding up.

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

Comments (type of material being dredged, biological specimens, etc.):
Dredge moved to a new area today stations 110+00-80+00. No clay was dug up in this area and inflow system working fine. Debris was very light with samples mainly consisting of trash and bryozoan. Other areas are still sampling large quantities of clay with clay overflow.

Bridge Watch Summary

Table with 4 columns: Species, # of Sightings, # of Animals, Comments. Row 1: Tt, 6, Bottlenose Dolphins.

Eric Westerman, Peter Westerman

Observer(s) On Duty:

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *Atchafalaya* - Freeport, TX
Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 10 / 20 / 95 Loads: 412-422

Area(s) Worked: Stations 150+00-180+00

Weather Conditions: Partly cloudy, Winds calm to NE 40 knots, Seas 2-4

Range of H₂O Temperature: Surface 25°C Below Mid-Depth 25°C

Condition of all screening apparatus: Lander screen became undone at the bottom. Observers repaired screen by adding some new screen. After another load another section of the screen came apart. Dredge stopped digging due to weather and new screen will be welded in.

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

Comments (type of material being dredged, biological specimens, etc.):

Material digging today is mud and clay. Samples are mainly large quantities of clay. The lander screen was repaired today. But the screen kept giving out in other areas. Right when this was happen a front came through so the dredge had to stop digging and go into port. The new lander screen will be put in today while the dredge is at the dock.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u> </u>	<u>4</u>	<u>Bottlenose Dolphins</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Eric Westerman, Peter Westerman

Observer(s) On Duty:

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Atchafalaya - Freeport, TX
Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 10 / 21 / 95 Loads: 423-443

Area(s) Worked: Stations 130+00-180+00

Weather Conditions: Clear, Winds SE 15-25 knots, Seas 1-7

Range of H₂O Temperature: Surface 25°C Below Mid-Depth 25°C

Condition of all screening apparatus: New lander screen working great.

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

Comments (type of material being dredged, biological specimens, etc.):

Weather improves and dredge commences digging again. Dredge is digging clean up in stations 180+00-130+00. Material digging is mud and clay.

The new lander screen is in place and ready to try. This screen is six and half feet wide and four and a quarter feet high. The openings are 4"x4". The material used is a sturdy rebar. The screen is tilted slightly back towards the lander.

The screen has hinges on it and is able to be opened. This screen was specifically designed to deal with large samples of clay. After the observers inspects the lander a chain is unhooked and the lander can be flushed out. The lander is flushed out by the skin valve. The system has worked out great today. This is a well thought out system that is working very well. Samples are larger in quantity. This is also a safer procedure for the observer. This system will also be very low maintenance.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
No sightings			

Observer(s) On Duty: Eric Westerman, Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *Atchafalaya* - Freeport, TX

Gulf Coast Trailing Co./USACE, Galveston District

WEEKLY SUMMARY

Dates: 10 / 15 / 95 - 10 / 21 / 95 Loads: 301-443

Range of H2O Temperature: Surface 24-25°C Below Mid-Depth 24-25°C

Area(s) Worked: Stations 130+00-180+00-150+00-128+00-160+00-110+00-80+00 127+00-158+00

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

Comments: No turtles were sampled this week and one turtle was sighted this week. On the 18th at 0935 and adult loggerhead sea turtle was sighted between the disposal site and cut area. The turtle was sighted at latitude 28-53'-23" N, and longitude 95-15'-27" W.

The lander screen was replaced this week. This new screen was designed to deal with the large clay samples. The screen is able to open up. This allows large amounts of clay to be flushed out after observers have inspected the lander samples. This is flushed out by the skin valve or through the water in the hopper. This is a well thought out system that is working very good. Samples have increased in quantity due to a larger screened area. The screen is larger than the last one and is placed farther down on the lander. Clay overflow still happens with this new screen, but any screen would have clay overflow or clogging of the pipe when digging in a area with this much clay.

Material digging this week has been mud and clay. Samples this week have mainly consisted of clay, trash, bryozoan, spider crabs, catfish, whelks, wood and mud worms.

Bridge Watch Summary

Table with 4 columns: Species, # of Sightings, # of Animals, Comments. Rows include Tt (6 Bottlenose Dolphins) and Cc (1 Caretta caretta).

Observers On Duty: Eric Westerman, Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *Atchafalaya* - Freeport, TX
Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 10 / 22 / 95 Loads: 444-459
Area(s) Worked: Stations 130+00-180+00
Weather Conditions: Clear and partly cloudy, Winds S_SE 20-25 knots, Seas 4-7
Range of H₂O Temperature: Surface 23-24°C Below Mid-Depth 23-24°C
Condition of all screening apparatus: Intact and in good working order.

Are there incidents involving endangered or protected species? Yes No

Comments (type of material being dredged, biological specimens, etc.):
Samples remain almost all clay with clay overflow
on all the loads. New screen is working fine. In fact lander
samples have increased in quantity.
Due to bad weather dredge goes into port after dumping
load 459 at 1700.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u></u>	<u>6</u>	<u>Bottlenose Dolphins</u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>

Observer(s) On Duty: Eric Westerman, Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *Atchafalaya* - Freeport, TX

Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 10 / 23 / 95 Loads: 460-466

Area(s) Worked: Stations 130+00-180+00

Weather Conditions: Clear, Winds SE 10-20 knots, Seas 3'+7'

Range of H₂O Temperature: Surface 25°C Below Mid-Depth 25°C

Condition of all screening apparatus: Intact and working fine.

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

Comments (type of material being dredged, biological specimens, etc.):

Dredging commence again at 1630. Clay samples remain

large in quantity with clay overflow on all the loads.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>No sightings</u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observer(s) On Duty: Eric Westerman, Peter Westerman

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Atchafalaya* - Freeport, TX
Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 10 / 24 / 95 Loads: 467-473

Area(s) Worked: Stations 130+180+00

Weather Conditions: Clear and partly cloudy, Winds N 10-30 knots, Seas 4'-7'

Range of H₂O Temperature: Surface 25°C Below Mid-Depth 25°C

Condition of all screening apparatus: Some improvements made to lander screen.
A new handle was welded on the cage door. New screens welded
into the corners of the lander screen.

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

Comments (type of material being dredged, biological specimens, etc.):
 Samples remain mostly clay with clay overflow
on all the loads. Due to bad weather ships goes to anchor
after dumping load 473. Due to high seas and winds the
ships anchor is dragging. So dredge goes into port until
weather improves. Dredging resumes at 2143.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u> </u>	<u>2</u>	<u>Bottlenose Dolphins</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observer(s) On Duty: Eric Westerman, Peter Westerman

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *Atchafalaya* - Freeport, TX
Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 10 / 26 / 95 Loads: 510-542
Area(s) Worked: Stations 130-180-128-150-120-80
Weather Conditions: Sky variable, Winds variable 5-10 knots, Seas 2'-5'
Range of H₂O Temperature: Surface 23⁰C Below Mid-Depth 23⁰C
Condition of all screening apparatus: Intact and working fine.

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

Comments (type of material being dredged, biological specimens, etc.):
Dredge started to dig in a new area today. Stations
110-80 material digging has been mud with no clay. Biological
samples remain small in this area. Samples are mostly trash,
spider crabs, whelks, bryozoan, wood and whelk egg cases.
Clean up samples in the other stations mostly remain clay
with clay overflow in all the loads.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
No sightings	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Eric Westerman, Peter Westerman

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge *Atchafalaya* - Freeport, TX

Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 10 / 27 / 95 Loads: 543-568

Area(s) Worked: Stations 80-140-128-120

Weather Conditions: Partly cloudy and clear, Winds S-SE 5-20 knots, Seas 3-6

Range of H₂O Temperature: Surface 23°C Below Mid-Depth 23°C

Condition of all screening apparatus: Intact and working fine.

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

Comments (type of material being dredged, biological specimens, etc.):

Material digging in stations 80-100 is mud and material digging in stations 110-140 is mud and clay. Clay samples are still large in quantity in stations 120-140 in clean up area. Samples remain small in the new area and mainly consist of trash.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
No sightings			

Eric Westerman, Peter Westerman

Observer(s) On Duty:

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Atchafalaya - Freeport, TX

Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 10 / 28 / 95 Loads: 567-579

Area(s) Worked: Sta 80-140-120

Weather Conditions: Partly cloudy and clear, Winds NE 20-30 knots, Seas 5'-8

Range of H2O Temperature: Surface 23°C Below Mid-Depth 23°C

Condition of all screening apparatus: Intact and working fine.

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

Comments (type of material being dredged, biological specimens, etc.):

Material digging is mud and clay. Samples remain

mainly clay in stations 120-140 and trash in stations 80-120.

Due to bad weather dredge goes into port after dumping load

579 at 0847.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
No sightings			

Eric Westerman, Peter Westerman

Observer(s) On Duty:

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *Atchafalaya* - Freeport, TX
Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 10 / 30 / 95 Loads: NA

Area(s) Worked: NA

Weather Conditions: _____

Range of H₂O Temperature: Surface _____ Below Mid-Depth _____

Condition of all screening apparatus: _____

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

Comments (type of material being dredged, biological specimens, etc.): _____

Dredge in port due to bad weather. Observers aboard

dredge waiting for weather to break.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Eric Westerman, Peter Westerman

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *Atchafalaya* - Freeport, TX
Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 10 / 31 / 95 Loads: 0581-587
Area(s) Worked: Stations 120+00-80+00
Weather Conditions: Overcast, Winds E-NE 5-20 knots, Seas 3'-6'
Range of H₂O Temperature: Surface 22°C Below Mid-Depth 22°C
Condition of all screening apparatus: Intact and working fine.

Are there incidents involving endangered or protected species? Yes No

Comments (type of material being dredged, biological specimens, etc.):
Weather clears up and dredge commence digging
again at 1058. Dredge is digging in section two, the new
area. Material digging is mud. Samples are very small in
quantity for now. Samples are mainly trash, wood, spider
crabs and whelks. There is no clogging of the screening
in this area yet.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u></u>	<u>2</u>	<u>Bottlenose Dolphins</u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>

Observer(s) On Duty: Eric Westerman, Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *Atchafalaya* - Freeport, TX
Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 11 / 01 / 95 Loads: 588-613
Area(s) Worked: Stations 128+00-138+00-120+00-80-00
Weather Conditions: Cloudy, Winds SE 5-10 knots, Seas 3'-5'
Range of H₂O Temperature: Surface 22°C Below Mid-Depth 22°C
Condition of all screening apparatus: Intact and working fine.

Are there incidents involving endangered or protected species? Yes No

Comments (type of material being dredged, biological specimens, etc.):
Clean up continues in stations 128-138. Digging
up large quantities of clay. Overflow of the lander
continues in the clean up area. Clay quantities are so
large that material flows out of the fore and mid discharge
hatches at times. When dredge moved to the new area stations
120-80 top material digging is mud. Samples are small in this
area mainly consisting of trash. There is no overflow of the
screens in this area.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u></u>	<u>4</u>	<u>Bottlenose Dolphins</u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>

Observer(s) On Duty: Eric Westerman, Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM
 Dredge *Atchafalaya* - Freeport, TX
 Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 10 / 02 / 95 Loads: 614-643
 Area(s) Worked: Stations 128+00-138+00-120+00-80+00
 Weather Conditions: Fog, rain, cloudy, Winds calm to 15 knots, Seas 2'-4'
 Range of H₂O Temperature: Surface 22°C Below Mid-Depth 22°C
 Condition of all screening apparatus: Intact and working fine.

Are there incidents involving endangered or protected species? Yes No

Comments (type of material being dredged, biological specimens, etc.):
Clay quantities continue large in clean up staions.
Have started to pick up small quantities of clay in the
new area 120-80. Quantities have been small and have not
clogged the screen yet. But as the top layer of mud is
dug out clay quantities should increase. Other samples
include trash, whelks, mud worms and spider crabs. Lander
screen door system still working very good.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt		4	Bottlenose Dolphins

Observer(s) On Duty: Eric Westerman, Peter Westerman

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Atchafalaya - Freeport, TX
Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 11 103 195 Loads: 643-668
Area(s) Worked: SITATIONS 120+00 - 80+00
Weather Conditions: OVERCAST WINDS N NE 20-40 KNOTS, SEAS 4-8'
Range of H₂O Temperature: Surface 20^{OC} Below Mid-Depth 20^{OC}
Condition of all screening apparatus: INTACT AND WORKING FINE

Are there incidents involving endangered or protected species? Yes No

Comments (type of material being dredged, biological specimens, etc.):
KIM POWELL CAME ONBOARD TO REPLACE PETE WESTERMAN AND
CRAIG CRUMBLY WILL COME ONBOARD IN THE MORNING TO REPLACE
ERIC WESTERMAN. THE OBSERVER WAS THOROUGHLY UPDATED BY
CREW ON BOAT SAFETY AND PROCEDURES.

BIOLOGICAL SAMPLING TODAY INCLUDED SEAGRASS SPIDER CRABS,
MOON SNAILS, WHELKS, EELS. EACH LOAD CONTAINED SOME CLAY
AND TRASH.

THE CAPTAIN DECIDED TO TERMINATE DREDGING AND HEAD INTO PORT
AT 2134 DUE TO INTENSIFYING SEA CONDITIONS. OBSERVER AND
CREW ARE STANDING BY.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Atchafalaya - Freeport, TX
Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 11 14 195 Loads: NA
Area(s) Worked: NA
Weather Conditions: NA
Range of H₂O Temperature: Surface _____ Below Mid-Depth _____
Condition of all screening apparatus: _____

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

Comments (type of material being dredged, biological specimens, etc.): _____

DREDGE IS IN PORT DUE TO INCLEMENT WEATHER. OBSERVERS
ARE STATIONED ABOARD DREDGE WAITING FOR WEATHER
CONDITIONS TO IMPROVE.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Archafalaya - Freeport, TX
Gulf Coast Trailing Co./USACE, Galveston District

WEEKLY SUMMARY

Dates: 10 129 195 - 11 104 195 Loads: 0581 - 0668
Range of H₂O Temperature: Surface 20^oC - 22^oC Below Mid-Depth 20^oC - 22^oC
Area(s) Worked: 128+00-138+00 - 120+00-80+00

Are there incidents involving endangered or protected species? Yes No

Comments: NO TURTLES WERE SIGHTED OR SAMPLED THIS WEEK.
DUE TO INCLEMENT WEATHER, THE DREDGE SPENT APPROXIMATELY
1/2 OF THIS WEEK (3.5 DAYS) IN PORT. OBSERVERS WERE
STATIONED ABOARD DREDGE WAITING FOR THE WEATHER TO BREAK.
KIM POWELL AND CRAIG CRUMBLY CAME ON BOARD AS OBSERVERS
TO REPLACE ERIC WESTERMAN AND PETER WESTERMAN ON 11/03/95.

BIOLOGICAL SAMPLES THIS WEEK HAVE BEEN SMALL IN QUANTITY.
SAMPLES INCLUDE SPIDER CRABS, MOON SNAILS, EELS, WHELKS, MUD
WORMS AND SEAWEED. SMALL AMOUNTS OF TRASH ARE DUG DURING
EACH LOAD. THE LANDER SCREENS REMAIN UNCLOGGED DURING
PROCESS. SUBSTRATE IN THESE STATIONS CONSIST OF PRIMARILY
CLAY. LANDER SCREEN DOOR SYSTEM CONTINUES TO WORK EFFECTIVELY

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>TE</u>	<u> </u>	<u>10</u>	<u>BOTTLENOSE DOLPHINS</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observers On Duty: KIM POWELL; CRAIG CRUMBLY

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Atchafalaya - Freeport, TX

Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 11 10 1985 Loads: 669 - 692

Area(s) Worked: 80+100 - 128+00, 120-80

Weather Conditions: CLOUDY SKYS WINDS VARIABLE NE, N, S, SE CALM - 15 KNOTS SEAS 1'-6'

Range of H2O Temperature: Surface 71°C Below Mid-Depth 71°C

Condition of all screening apparatus: INTACT + WORKING FINE

Are there incidents involving endangered or protected species? Yes No

Comments (type of material being dredged, biological specimens, etc.):

WEATHER IMPROVES AT 0500 AND DIGGING COMMENCES. SUBSTRATE CONSIST MOSTLY OF CLAY IN SMALL QUANTITIES. BIOLOGICAL SAMPLES INCLUDE SPIDER CRABS, WHELKS, MOON SNAILS, MUD WORM. WHELK EGG CASE, SMALL AMOUNTS OF TRASH ARE COLLECTED EACH DIG AND REMOVED FROM LANDERS BY OBSERVERS.

Bridge Watch Summary

Table with 4 columns: Species, # of Sightings, # of Animals, Comments. Includes empty rows for data entry.

Observer(s) On Duty: KIM POWELL + CRAIG CRUMBLE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Atchafalaya - Freeport, TX

Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 11 / 07 / 95 Loads: 692-724

Area(s) Worked: -80+00 128+00

Weather Conditions: PARTLY CLOUDY TO CLEAR SKYS, VARIABLE WINDS SSE TO NNW 5-24 KNOTS

Range of H2O Temperature: Surface 73°F Below Mid-Depth 73°F

Condition of all screening apparatus: ALL IN GOOD WORKING ORDER

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

Comments (type of material being dredged, biological specimens, etc.):

CLAY SAMPLES HAVE BEEN VARIABLE TODAY WITH SOME LOADS TAKING IN LARGE AMOUNTS OF CLAY AND OTHER LOADS TAKING IN RELATIVELY LITTLE. LANDERS ARE FLUSHED WHEN NEEDED IN ROUTE TO THE DUMP SITE AFTER INSPECTED BY OBSERVERS.

BIOLOGICAL SAMPLES INCLUDE BRYOZOANS, WHELKS, BLUE CRABS, MUD CRABS, SPIDER CRABS.

Bridge Watch Summary

Table with 4 columns: Species, # of Sightings, # of Animals, Comments. The table is currently empty.

Observer(s) On Duty: KIM POWELL + CRAIG CRUMBLY

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Atchafalaya - Freeport, TX

Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 11 / 08 / 95 Loads: 725-738

Area(s) Worked: -80+00 - 128+00 - 130+00

Weather Conditions: CLEAR SKYS, NNW WINDS SHIFTING TO NE WINDS 15-30 KNOTS

Range of H2O Temperature: Surface 71°F Below Mid-Depth 71°F

Condition of all screening apparatus: ALL EQUIPMENT IN WORKING ORDER

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

Comments (type of material being dredged, biological specimens, etc.):

DUE TO INTENSIFYING SEAS, THE DREDGE ATCHAFALAYA WENT INTO PORT TODAY AT 0840 AND RESUMED OPERATION AT 2143. CLAY DEPOSITS ACCUMULATE IN LANDER AND REQUIRE THEM TO BE FLUSHED EN ROUTE TO THE DUMP SITE ON A FAIRLY REGULAR BASIS. THERE WAS VERY LITTLE CLAY ACCUMULATION AFTER OPERATION RESUMED THIS EVENING.

BIOLOGICAL SAMPLES INCLUDE SPIDER CRINIDS, BRYOZOANS AND WITELK EGG CASES, AND PEN SHELL.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
2	16		BOTTLENOSE DOLPHINS

Observer(s) On Duty: KIM POWELL + CRAIG CRUMBSLY

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Atchafalaya - Freeport, TX

Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 11 109 195 Loads: 739-764

Area(s) Worked: 80+00 - 128+00 - 130+00

Weather Conditions: MOSTLY CLEAR SKYS, WINDS MOSTLY SE 18-26 KNOTS, SEAS 3-6'

Range of H2O Temperature: Surface 73°F Below Mid-Depth 73°F

Condition of all screening apparatus: ALL EQUIPMENT IN WORKING ORDER

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

Comments (type of material being dredged, biological specimens, etc.):

MATERIAL DUG CONTINUES TO BE MOSTLY CLAY BUT IN RELATIVELY SMALL QUANTITIES. EQUIPMENT CONTINUES TO WORK WITHOUT ANY APPARENT PROBLEMS.

BIOLOGICAL SAMPLES INCLUDE BRYOZOANS AND SPIDER CRABS.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TE	2	2	BOTTLENOSE DOLPHINS

Observer(s) On Duty: KIM POWELL + CRAIG CRENSBY

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Atchafalaya - Freeport, TX

Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 11 110 195 Loads: 765-790

Area(s) Worked: 28+00 - 130+00

Weather Conditions: CLEAR SKYS TURNING INTO CLOUDY, SE-SW WINDS 10-28 KNOTS, SEAS 3-6

Range of H₂O Temperature: Surface 74°F Below Mid-Depth 74°F

Condition of all screening apparatus: ALL EQUIPMENT IN WORKING ORDER

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

Comments (type of material being dredged, biological specimens, etc.):

SUBSTRATE DUG CONTAINS TO BE COMPOSED OF MOSTLY CLAY AND MUD ALTHOUGH MATERIAL REMAINING IN SCREEN IS RELATIVELY LOW. BIOLOGICAL SAMPLES INCLUDE SPIDER CRABS, GORGONIANS, AND BRYOZOANS.

OBSERVERS PERIODICALLY CHECK PORT OVERBOARD ALTHOUGH IT IS RARELY IN USE BY DREDGING OPERATION.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>TE</u>	<u> </u>	<u>5</u>	<u>BOTTLENOSE DOLPHINS</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observer(s) On Duty: KIM POWELL + CRAIG CRUMBSLY

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Atchafalaya - Freeport, TX

Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 11 11 195 Loads: 791-803

Area(s) Worked: 80+00 - 130+00

Weather Conditions: CLOUDY TO CLEAR CONDITIONS 15 KNOTS SW WINDS SHIFTING TO N E TO 40 KNOTS

Range of H2O Temperature: Surface 68°F Below Mid-Depth 68°F SEA: 3-9'

Condition of all screening apparatus: ALL EQUIPMENT IN WORKING ORDER

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

Comments (type of material being dredged, biological specimens, etc.):

DUE TO INTENSIFYING SEA CONDITIONS, THE DREDGE STOPPED OPERATION AT 1845 AND WENT INTO PORT. DIGGING RESUMED AT 1859. MATERIALS DUG CONTINUE TO BE MOSTLY CLAY AND MUD. BIOLOGICAL SAMPLES TODAY INCLUDED WHELKS AND SPIDER CRABS

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TR		2	BOTTLENOSE DELPHINUS

Observer(s) On Duty: KIM POWELL & CRAIG CRUMBLEY

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Atchafalaya - Freeport, TX

Gulf Coast Trailing Co./USACE, Galveston District

WEEKLY SUMMARY

Dates: 11 105 195 - 11 11 195 Loads: 669-803

Range of H2O Temperature: Surface 68°F - 74°F Below Mid-Depth

Area(s) Worked: -80+00 -128+00 -130+00

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

Comments: NO TURTLES WERE SAMPLED OR SIGHTED THIS WEEK. DUE TO INCLEMENT WEATHER, THE DREDGE WAS IN PORT ON: 11/05/95 (ALL DAY); 11/08/95 FROM 0840 TO 2143; AND 11/11/95 FROM 0845-1859.

THE SCREENING SYSTEM IS INTACT AND WORKING FINE. NO EQUIPMENT PROBLEMS TO REPORT.

THE MATERIAL THAT IS DREDGED IN STATION 80+00 - 130+00 CONSISTS MOSTLY OF CLAY AND MUD WITH COPIOUS AMOUNTS OF CLAY REMAINING IN LAUNDER AFTER MANY LOADS. WHEN CLAY ACCUMULATES, MATERIALS ARE FLUSHED WITH WATER LEAVING THE SCREENS FREE OF CLAY. THE PORT OVERBOARD SCREEN HAS BEEN RARELY USED THIS WEEK ALTHOUGH IS CHECKED BY OBSERVERS PERIODICALLY.

BIOLOGICAL SAMPLES INCLUDE: SPIDER CRABS, BRYOZOANS, WHELKS, MOON SNAILS, GORGONIANS, PEN SHELLS, MUD CRABS, BLUE CRABS, MUD WORMS, AND WITELK EGG CASES

Bridge Watch Summary

Table with 4 columns: Species, # of Sightings, # of Animals, Comments. Row 1: TE, 11, 11, BOTTLENOSE DOLPHINS

Observers On Duty: KIM POWELL + CRAIG CRUMBLY

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Atchafalaya - Freeport, TX

Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 11 112 195 Loads: 804-836

Area(s) Worked: 80+00 - 130+00

Weather Conditions: CLEAR SKYS NNE WINDS SHIFTING TO SW WINDS (5-26 KNOTS) SEAS 2-4

Range of H2O Temperature: Surface 73 F Below Mid-Depth 68 F

Condition of all screening apparatus: THE SYSTEM WHICH IS UNHOOKED TO OPEN THE LANDER DOOR BROKE AND WAS REPAIRED BY CREW

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

Comments (type of material being dredged, biological specimens, etc.):

MATERIALS ACCUMULATING IN THE LANDER CONSISTED OF RELATIVELY SMALL AMOUNTS OF CLAY. LANDER REQUIRED ONLY OCCASSIONAL FLUSHING TODAY TO REMOVE CLAY MATERIAL. NEW SYSTEM TO UNHOOK LANDER DOOR HAS BEEN INSTALLED AND WORKS VERY EFFECTUELY. BIOLOGICAL SAMPLES INCLUDE CLAY, FLOWNDER, SPIDER CRABS.

Bridge Watch Summary

Table with 4 columns: Species, # of Sightings, # of Animals, Comments. The table is currently empty.

Observer(s) On Duty: KIM POWELL & CHRIS GROOMER

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Atchafalaya - Freeport, TX
Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 11 / 13 / 95 Loads: 836 - 870

Area(s) Worked: 80+00 - 130+00

Weather Conditions: CLEAR SKYS, S, SW WINDS 10-22 SHIFTING TO NE TO 35 KNOTS 5-4' 2-4'

Range of H₂O Temperature: Surface 72°F Below Mid-Depth 72°F

Condition of all screening apparatus: ALL EQUIPMENT IN WORKING ORDER

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

Comments (type of material being dredged, biological specimens, etc.): _____

EQUIPMENT USED TO SCREEN MATERIALS CONTINUES TO FUNCTION PROPERLY. SAMPLES CONTINUE TO BE A MIXTURE OF CLAY AND MUD. BIOLOGICAL SAMPLES INCLUDE: SPIDER CLIFFS, BRYOZOANS, GORSELIANS, CATFISH AND MUDWORMS.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: KIM POWELL + CRAIG CRUMBLY

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Atchafalaya - Freeport, TX

Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 11 / 14 / 95 Loads: 870 - 896

Area(s) Worked: 80+00 - 130+00

Weather Conditions: CLEAR SKYS, MOSTLY N NE WINDS 12-30 KNOTS, SEAS 2-4'

Range of H2O Temperature: Surface 72°F Below Mid-Depth 72°F

Condition of all screening apparatus: ALL EQUIPMENT IN WORKING ORDER

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

Comments (type of material being dredged, biological specimens, etc.):

DREDGE IS NOW MAKING TWO CUTS PER LOAD WITH MATERIALS CONSISTING MOSTLY OF CLAY. MATERIALS REMAINING IN LANDER ARE RELATIVELY LOW WITH OCCASSIONAL HEAVY LOADS THAT REQUIRE FLUSHING. BIOLOGICAL SAMPLES INCLUDE: SPIDER CRABS, AND BRYOZOANS.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: KIM POWELL + CRAIG CRUMBSLY

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Atchafalaya - Freeport, TX
Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 11 115 195 Loads: 898-926

Area(s) Worked: 80+00 -130+00

Weather Conditions: CLEAR SKY, LIGHT WINDS VARIABLE 0-15 KNOTS

Range of H₂O Temperature: Surface 72°F Below Mid-Depth 72°F

Condition of all screening apparatus: ALL EQUIPMENT IN WORKING ORDER

Are there incidents involving endangered or protected species? Yes No

Comments (type of material being dredged, biological specimens, etc.):

SUBSTRATE DUG CONSISTED MOSTLY OF CLAY WITH MOST LOADS LEAVING SMALL SAMPLES OF CLAY REMAINING IN LANDER. OCCASS LOADS WERE HEAVY WITH CLAY REQUIRING THE SYSTEM TO BE FLUSHED.

BIOLOGICAL SAMPLES WERE RATHER INSIGNIFICANT WITH ONLY OCCASSIONAL BRYOZOANS AND SPIDER CRABS TAKEN.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>RED DRUM</u>	<u>1</u>	<u>1</u>	<u>FLOATING ON SURFACE</u>

Observer(s) On Duty: KIM POWELL & CRAIG CRUMBLY

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Atchafalaya - Freeport, TX

Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 11 16 195 Loads: 927-949

Area(s) Worked: 90+00 - 130+00

Weather Conditions: CLEAR, WEST WINDS SHIFTING TO N, NE 5-24 KNOTS, SEAS 1-3'

Range of H₂O Temperature: Surface 72°F Below Mid-Depth 72°F

Condition of all screening apparatus: ALL EQUIPMENT IN WORKING ORDER

Are there incidents involving endangered or protected species? Yes No

Comments (type of material being dredged, biological specimens, etc.):

CLAY WAS THE SUBSTRATE DUG LEAVING VARIOUS AMOUNTS OF MATERIAL REMAINING IN LANDER. BIOLOGICAL SAMPLES INCLUDED: SAND SHARK, MUD WORMS, WHELKS, MUD CRABS, SPIDER CRABS, GORGONIANS. THE LEVEL CURRENTLY BEING DUG CONTAINS COPIOUS AMOUNTS OF TRASH THAT MUST BE MANUALLY REMOVED FROM SCREENING APPARATUS. DREDGE HAS BEEN DIGGING 2-4 CUTS MUSTOE TODAY.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *Atchafalaya* - Freeport, TX
Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 11 / 17 / 95

Loads: 950 - 962

Area(s) Worked: 80+00 to 130+00

Weather Conditions: Rain squalls, thundershowers, E winds 0 - 20 kts

Range of Water Temperature: Surface 72 Below Mid-Depth: 72

Are there incidents involving endangered or protected species? **No**

Comments:

Kim Powell replaced by Doug Kinzey after load 953. Chris Mason on after load 964. Material is clay and mud, generally only a few clayballs remaining in lander outflow after dredging. Lander outflow usually less than 30% full, only requires flushing for about half of the loads.

Plastic trash, monofilament fishing line, nylon nets, other garbage form the bulk of material retained. Biological material is light. Algae, a few whelks, bryozoans, spider crabs.

During Load 955, drege entered jetties for grocery pickup from Bayou Blue. Due to deteriorating weather conditions the observations for Load 962 had to be made from the bridge with binoculars. After dumping 962, *Atchafalaya* tied up at the dock to wait out the weather.

Bridge Watch Summary

Species	No. of Sightings	No. of Animals	Comments
<i>T. truncatus</i>	1	2	inside jetties 08:25
<i>T. truncatus</i>	1	2	in channel 13:19

Observer(s) On Duty: K. Powell, D. Kinzey, C. Mason

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *Atchafalaya* - Freeport, TX
Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 11 / 18 / 95

Loads: 963 - 966

Area(s) Worked: 80+00 to 130+00

Weather Conditions: Overcast, ceiling rising late today, NW-NE winds 20 kts

Range of Water Temperature: Surface 72 Below Mid-Depth: 72

Condition of all screening apparatus: OK, no problems

Are there incidents involving endangered or protected species? **No**

Comments:

Atchafalaya departs dock at 11:45, begins dredging 12:44. Heavy seas, operations nearly canceled at 17:00 but winds dropped and seas calmed somewhat so dredging continued.

100% of trash, fishing line, etc. was removed from fore, mid, and aft screens in morning before resuming operations but had heavy accumulation again by first dump run. Removing all material from screens we have time for, generally 80-90% removed each load.

Bridge Watch Summary

Species	No. of Sightings	No. of Animals	Comments
<i>T. truncatus</i>	7	12 - 15	near mouth of jetties, in channel, and enroute to dump

Observer(s) On Duty: C. Mason, D. Kinzey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *Atchafalaya* - Freeport, TX
Gulf Coast Trailing Co./USACE, Galveston District

WEEKLY SUMMARY

Dates: 11/12/95 - 11/18/95

Loads: 804-966

Range of Water Temperature: Surface 73

Below Mid-Depth: 68 - 73

Area(s) Worked: 80+00 to 130+00

Are there incidents involving endangered or protected species? No

Comments:

All screening in good working order. Two to four cuts per day yielded small to heavy amounts of clay, occasionally requiring flushing. The pelican hook system used to open the lander door was broken and lost once, but was repaired.

Biological material consists largely of spider crabs, several flounders, bryozoans, gorgonians, mudworms, and catfish. Large amounts of trash, nylon net material, monofilament line, plastic bags, etc. are obtained every load.

C. Mason and D. Kinzey replaced K. Powell and C. Crumbley on the 17th.

Bad weather on the early morning (00:30) of the 18th required the dredge to tie up to the dock until 12:45. Observers remained aboard.

Bridge Watch Summary

Species	No. of Sightings	No. of Animals	Comments
<i>T. truncatus</i>	9	17 - 19	throughout work area, probably 5-6 total dolphins

Observers On Duty: K. Powell, C. Crumbly, C. Mason, D. Kinzey

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Atchafalaya - Freeport, TX
Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 11 / 19 /95

Loads: 966 - 973

Area(s) Worked: 80+00 to 130+00

Weather Conditions: partly cloudy, decreasing NE winds 5-20 kts, seas 2-3'

Range of Water Temperature: Surface 72 Below Mid-Depth 70

Condition of all screening apparatus: 9" hole in bottom of lander outflow should be rescreened

Are there incidents involving endangered or protected species? **No**

Comments:

Atchafalaya leaves job after load 973.

Material retained by screens is mainly plastic garbage and fishing gear (monofilament and nylon webbing) with light amount of clayballs. Biological material on screens is also light, mainly algae and spider crabs.

Screening over one of the openings on the bottom of the lander mouth came off last night, leaving about 9" diameter gap. This should be replaced before doing another job in turtle habitat. Otherwise, screening is very good shape.

Bridge Watch Summary

Species	No. of Sightings	No. of Animals	Comments
<i>T. truncatus</i>	5	7	mainly around #4 bouy

Observer(s) On Duty: C. Mason, D. Kinzey

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *Atchafalaya* - Freeport, TX
Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 11 / 19 /95

Loads: 966 - 973

Area(s) Worked: 80+00 to 130+00

Weather Conditions: partly cloudy, decreasing NE winds 5-20 kts, seas 2-3'

Range of Water Temperature: Surface 72 Below Mid-Depth 70

Condition of all screening apparatus: 9" hole in bottom of lander outflow should be rescreened

Are there incidents involving endangered or protected species? No

Comments:

Atchafalaya leaves job after load 973.

Material retained by screens is mainly plastic garbage and fishing gear (monofilament and nylon webbing) with light amount of clayballs. Biological material on screens is also light, mainly algae and spider crabs.

Screening over one of the openings on the bottom of the lander mouth came off last night, leaving about 9" diameter gap. This should be replaced before doing another job in turtle habitat. Otherwise, screening is very good shape.

Bridge Watch Summary

Species	No. of Sightings	No. of Animals	Comments
<i>T. truncatus</i>	5	7	mainly around #4 bouy

Observer(s) On Duty: C. Mason, D. Kinzey

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *Atchafalaya* - Freeport, TX
Gulf Coast Trailing Co./USACE, Galveston District

DAILY REPORT

Date: 11/20/95

Loads: none

Area(s) Worked: NA

Weather Conditions: NA

Range of H₂O Temperature: Surface NA Below Mid-Depth: NA

Condition of all screening apparatus: NA

Are there incidents involving endangered or protected species? **No**

Comments:

Atchafalaya in port, observers waiting for Dredge *Ouachita* to arrive. -

Bridge Watch Summary

Species	No. of Sightings	No. of Animals	Comments
NA			

Observer(s) On Duty: C. Mason, D. Kinzey

ENDANGERED SPECIES OBSERVER PROGRAM
Dredges *Atchafalaya*, *Ouachita* - Freeport, TX
Gulf Coast Trailing Co./USACE, Galveston District

WEEKLY SUMMARY

Dates: 11 /19/95 - 11/25/95

Loads: 966 - 973, 1 - 105

Range of Water Temperature: Surface 65 - 74

Below Mid-Depth: 65 - 70

Area(s) Worked: Sections 3, 2 (Stations -130+⁰⁰ to -80+⁰⁰, -80+⁰⁰ to -40+⁰⁰)

Are there incidents involving endangered or protected species? **No**

Comments:

Atchafalaya finished digging on 11/19/95, replaced by *Ouachita* on 11/21/95.

All screening on *Ouachita* in good working order. A portion of the lander fore chute inflow screening came loose on 11/25/95 but was promptly repaired. *Atchafalaya* screening on one approximately 9" diameter hole in bottom of lander chute came off on last day (11/19) and should be replaced before dredging again in turtle habitat.

Material retained by inflow screening is mainly heavy clay, with lesser amounts of plastic trash and other debris. *Ouachita* dragheads are filling with clay, requiring hand-removal with shovels for most loads. Biological material retained by screens - spider crabs, whelks, wood, flounder, hardhead catfish - is less than on *Atchafalaya*, perhaps due to greater water pressure.

New-style turtle deflectors on dragheads seem to be working well, no maintenance required as with the older TEDs.

Bridge Watch Summary

Species	No. of Sightings	No. of Animals	Comments
<i>T. truncatus</i>	1	5	

Observers On Duty: D. Kinzey, C. Mason