

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle 1

Project Freeport, Tx.

DAILY REPORT

Date: 07 / 13 / 02 Loads: 01 - 20

Area(s) Worked: 28° 53' N / 95° 14' W

Weather Conditions: Partly cloudy to stormy winds from ~~the~~ S@10 seas 2 feet

Range of H₂O Temperature: Surface 82° Below Mid-Depth 80°

Condition of all screening apparatus: Good - Monday L.O.E. will report with screening recommendations.

Are there incidents involving endangered or protected species? Yes No

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

No turtles sighted - Marine Mammal watch done in daylight hours.

Dredged material consists mainly of clay/mud.

Abiotic samples of dredged material consist of rope, wood, cables

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>4</u>	<u>6-18</u>	<u>same pod of dolphin seen throughout the day</u>

Observer(s) On Duty: C. Leedy / J. Traylor

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Ecale 1

Project Freeport, Tx

DAILY REPORT

Date: 07 / 14 / 02 Loads: 21 - 45

Area(s) Worked: 28° 53' N / 95° 14' W

Weather Conditions: Pt. Cloudy / 2-3' seas / 5-15 K SW / 8551 / 85° F

Range of H₂O Temperature: Surface 82° Below Mid-Depth 80°

Condition of all screening apparatus: Good: See Comments

Are there incidents involving endangered or protected species? Yes No

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

BIOTA: NONE

ABIOTA: Trash: Rope, net, plastic, wire, tires

Dredged material: Clay, mud

Boxes are being opened or left open due to clogging. Proj. Mgr. should have information from COE determining continuance of boxes being open. If so, new specs will be sent out.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>All day</u>	<u>2-18</u>	<u>Multiple Behavior</u>

Observer(s) On Duty: C. Reedy / J. Trathman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle 1

Project Fresport, Tx.

WEEKLY SUMMARY

Dates: 07 / 13 / 02 - 07 / 14 / 02 Loads: 21 - 45

Range of H₂O Temperature: Surface 32° Below Mid-Depth 30°

Area(s) Worked: 28° 53' N / 95° 14' W

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

Comments:

BIOTA: NONE

ABIOTA: Trash: Net, rope, plastic, wire, tires

Dredged material: Clay, mud

Boxes are being left open or opened due to clogging. Proj. mgr. will be receiving confirmation from COE on this. If so specs will be sent out.

Trawler is working ahead of dredge, around the clock.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>All day</u>	<u>2-13</u>	<u>Multiple Behavior</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: C. Leedy / J. Testerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle 1

Project Freeport, Tx.

DAILY REPORT

Date: 07 / 15 / 02 Loads: 46 - 70

Area(s) Worked: 28°53' N / 95°14' W

Weather Conditions: partly cloudy to rain / seas 2-3 feet / SSW-5-15K

Range of H₂O Temperature: Surface 72° Below Mid-Depth 80°

Condition of all screening apparatus: Good: See Comments

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

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

BIOFA:

ABIOTA: Net, rope

Dredged material: Mud, clay

Late yesterday (07/14/02) Trawler picked up juvenile Loggerhead Turtle. COE has stated boxes must remain closed; will be allowed to open and flush out clogged material but can not leave open.

Monitoring all box openings as well as dragheads and outflow screens

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>All day</u>	<u>2-12</u>	<u>Multiple Behavior disorganized pod</u>

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ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle I

Project Freeport, TX

DAILY REPORT

Date: 07 / 16 / 02 Loads: 71 - 92

Area(s) Worked: 25° 53' N / 95° 14' W

Weather Conditions: winds variable S-45K / BSS 3-4 / 2-5' seas / Clouds w/ Rain / 74°F

Range of H₂O Temperature: Surface 82° Below Mid-Depth 80°

Condition of all screening apparatus: Good

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

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

BIOTA: NONE

ABIOTA: Net, rope, plastic, cable, rock, trash

Dredged material: Clay, mud

Boxes still being opened periodically due to clogging, to flush out clay

Trawler pulled in usual: Black drum, redfish, weakfish, blue crab, cownose rays. Observer stated this was usual catch.

Trawling is being done w/in turning basin/jetty now.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>All day</u>	<u>2-10</u>	<u>Multiple Behavior</u>

Observer(s) On Duty: C. Leeder

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle 1

Project Freeport, TX

DAILY REPORT

Date: 07 / 17 / 02 Loads: 93-117

Area(s) Worked: 25°53'N / 105°41'W

Weather Conditions: P. cloudy / seas 2-4 / winds S-20 kts / 83°F

Range of H₂O Temperature: Surface 82° Below Mid-Depth 80°

Condition of all screening apparatus: good

Are there incidents involving endangered or protected species? Yes No

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

BIOTA: Unid. fish

ABIOTA: Rope, net, trash

Dredged material: Clay mud

Boxes still being opened periodically due to clogging, to flush out clay

Trawling is being done w/in turning basin / jetty

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>throat thrasher</u>	<u>2-10</u>	<u>around dump station and in channel</u>

Observer(s) On Duty: C. Leeder 1) T. ...

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle 1

Project Freeport, TX

DAILY REPORT

Date: 07 / 18 / 02 Loads: 114 - 132

Area(s) Worked: 28° 53' N / 95° 14' W or 28° 56' N / 95° 18' W

Weather Conditions: Pt. Cloudy / 5-15K S / BSS 1 / 1-2' seas / 74°F

Range of H₂O Temperature: Surface 32° Below Mid-Depth 50°

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No

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

BIOTA: NONE

ABIOTA: Net, Rope, Trash, Spanish Cannonball

Dredged material: Clay, mud

Trawler catch from yesterday: Black drum, Redfish, Cownose Ray, Silverside, Meckhadden, Blue Crab

Trawler catch for today: Redfish, Blue Crab, Cownose Ray

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>Most of day</u>	<u>2-10</u>	<u>Less sightings over last 36 hours</u>
<u>/</u>			

Observer(s) On Duty: C. Leader

Dredge Eagle 1

Project Freeport

DAILY REPORT

Date: 07 / 019 / 02 Loads: 139 - 147

Area(s) Worked: 28°53'N / 95°14' W + 28°50'N / 95°18'W

Weather Conditions: pt. drizzle 15-15.5 / 1-2 seas 180's F

Range of H₂O Temperature: Surface 82 Below Mid-Depth 80

Condition of all screening apparatus: Good. outflow screens opened periodically because of clogging.

Are there incidents involving endangered or protected species? Yes No

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

Biota - none

Abiota - net, rock, trash

Dredged material consists of Clay + Mud

No turtles sighted.

Trawler catch - Redfish, Blue Crab, Black Drum

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>1</u>	<u>2</u>	<u>0756 at Dumpsite tailslapping</u>
<u>"</u>	<u>1</u>	<u>2</u>	<u>1102 @ Dumpsite</u>
<u>"</u>	<u>1</u>	<u>2</u>	<u>1500 off jetty</u>
<u>"</u>	<u>throughout day</u>	<u>26</u>	<u>not near jetty</u>

Observer(s) On Duty: J. Traylor / C. Leedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle 1

Project Freeport, Tx

DAILY REPORT

Date: 07 / 20 / 02 Loads: ~~155~~ 155 - 178

Area(s) Worked: 23° 53' N / 95° 14' W

Weather Conditions: Pt. Cloudy to Clear / BSS 1 / Calm to S 5-10k / 1-2' seas / 84-86°F

Range of H₂O Temperature: Surface 82° Below Mid-Depth 80°

Condition of all screening apparatus: Good

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

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

BIOTA: NONE

ABIOTA: Rope, net, cable, trash

Dredged material: Clay, mud

Boxes are being opened periodically to flush out clay

Trawler pulled up: Redfish, Blue crab, Cutlass fish, Black drum

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>2</u>	<u>2</u>	<u>Seen at various times of day: dgsite</u>
<u>/</u>			<u>in jetty.</u>

Observer(s) On Duty: C. Leeder / J. Troutman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle I

Project Freeport TØ

DAILY REPORT

Date: 07 / 21 / 02 Loads: 180 179 - 206

Area(s) Worked: 28°53'N / 95°14'W | 28°56'N / 95°18'W

Weather Conditions: Pt. Cloudy | Bsc | 11' seas | 505-10K | 86 F

Range of H₂O Temperature: Surface 82 Below Mid-Depth 80

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No

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

Biota - none

Samples of Abiota include: Rope, net, trash, wood

Dredged material includes clay and mud

Boxes are opened periodically to flush out clay

Trawler catch for the day is: Redfish, Cutlass fish

No turtles sighted.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. breviceps</u>	<u>2</u>	<u>2-4</u>	<u>0420, end of jetties</u>
<u>"</u>	<u>1</u>	<u>2</u>	<u>1145, dump area</u>
<u>"</u>	<u>1</u>	<u>7</u>	<u>1720, outside digital gear buoy</u>

Observer(s) On Duty: C. Leedy / J. Troutman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle I

Project Freeport, TX

WEEKLY SUMMARY

Dates: 07/15/02 - 07/21/02 Loads: 46 - 206

Range of H₂O Temperature: Surface 82 Below Mid-Depth 80

Area(s) Worked: 28°53'N/95°14'W - 28°56'N/95°19'W

Are there incidents involving endangered or protected species? Yes No

Comments:

Biota - wide variety of fish

Abiota includes: Trash, net, rope, plastic, tires, cable

Dredged material is clay and mud

Boxes were left open periodically due to clogging. Proj. Mgr. received confirmation from COE.

Trawler is working ahead of dredge around the dock - bycatch from trawler includes redfish, blue crab, cutlass fish, black drum, and cow nose ray

No turtle sightings

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>All day 7-15/02</u>	<u>2-12</u>	<u>disorganized pod</u>
<u>"</u>	<u>All day 7-16/02</u>	<u>2-10</u>	<u>Multiple behavior</u>
<u>"</u>	<u>All day 7-17-02</u>	<u>2-10</u>	<u>around dump site + in channel</u>
<u>"</u>	<u>most of day 7-18</u>	<u>2-10</u>	<u>less sightings in past 36 hours</u>
<u>"</u>	<u>main sightings 7-19</u>	<u>2-6</u>	<u>at dump site + around jetties</u>

Observer: D. Trull 10 1 1

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle I

Project Freeport, Tx

DAILY REPORT

Date: 07 / 22 / 02 Loads: 207 - 231

Area(s) Worked: 27°53' / 95°18'W - 28°56'N / 95°14'W

Weather Conditions: S to SE 10-15k / 1'sea / BSS / Pt. Cloudy / 83-87°F

Range of H₂O Temperature: Surface 82° Below Mid-Depth 80°

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No

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

BIOTA: NONE

ABIOTA: Net, rope, trash, Rock, cable, wood

Dredged material: Clay, mud

Boxes opened periodically due to clogging of clay material

Trawler pulled in: Cutlass Fish, Cownose Rays

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>3</u>	<u>2-6</u>	<u>Seen throughout day in various locations</u>

Observer(s) On Duty: C. Ready / J. Troutman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Engle I

Project Freeport, TX

DAILY REPORT

Date: 07 / 23 / 02 Loads: 232 - 258

Area(s) Worked: 28°56' N / 95°18' W | 28°53' N / 95°14' W

Weather Conditions: Scus 1' / Pt cloudy 85F, S-2-SK, Bss

Range of H₂O Temperature: Surface 82 Below Mid-Depth 80

Condition of all screening apparatus: good outflow screens cleaned with monitors

Are there incidents involving endangered or protected species? Yes No

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

Dredged Material includes Clay, Mud

Biota: Menhaden

A Biota; Cable, Rock, metal, Net

Boxes opened periodically due to clogging by clay material

Trawler pulled in - Menhaden

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>281</u>	<u>12-8</u>	<u>out side jetties feeding</u>
<u>"</u>	<u>1</u>	<u>3</u>	<u>trailing vessel @ dumpsite</u>
<u>"</u>	<u>6</u>	<u>3-12</u>	<u>in jetties channel, multiple behavior</u>
<u>"</u>	<u>1</u>	<u>12-15</u>	<u>in channel & jetties</u>

Observer(s) On Duty: J. Trachten / C. Leedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle 1

Project Fresport, Tx.

DAILY REPORT

Date: 07/24/02 Loads: 259-271

Area(s) Worked: 28° 56' N / 95° 18' W

Weather Conditions: Pt. Cloudy / BSS 1 / 1' seas / 32-5K / 82°-88°F

Range of H₂O Temperature: Surface 82° Below Mid-Depth 70°

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No

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

BIOTA: None

ABIOTA: Rope, net, trash, cable, metal, rock.

Dredged Material: Clay, Mud

Boxes are opened periodically due to clogging

Trawler pulled in: Croaker, menhaden, Cownose Ray, Butterfly Ray, Cutlass Fish

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>throughout day</u>	<u>2-10</u>	<u>In channel, jumpy, multiple behavior</u>

Observer(s) On Duty: C. Leedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle 1

Project Freeport, TX

DAILY REPORT

Date: 07 25 102 Loads: 282 - 306

Area(s) Worked: 23° 52' N / 95° 14' W ; 28° 56' N / 95° 18' W

Weather Conditions: Pt. Cloudy / BSS 11 / 23cns / 510-15K / 906F

Range of H₂O Temperature: Surface 82 Below Mid-Depth 80

Condition of all screening apparatus: good, Boxes are opened periodically due to clogging

Are there incidents involving endangered or protected species? Yes No

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

Biota: Menhaden

Abiotic Material includes Cable, tire, trash, rope

Dredged material includes: Clay + Mud

No turtles sighted

Trawler pulled in: Yellowtail, Red Drum, Croaker, Menhaden, Cutlass Fish, Gafftop Catfish, Cownose Ray, Menhaden

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>1</u>	<u>8-12</u>	<u>in jetties</u>
<u>"</u>	<u>2</u>	<u>2</u>	<u>feeding</u>
<u>"</u>	<u>1</u>	<u>18020</u>	<u>in channel outside mouth of jetties</u>
<u>"</u>	<u>1</u>	<u>3</u>	<u>in channel outside</u>
		<u>3</u>	<u>offshore channel</u>

Observer(s) On Duty: C. Reeder / J. Trivelpiece

Dredge Eagle
Project Freeport, TX

DAILY REPORT

Date: 07 126 00 Loads: 307 - 329
Area(s) Worked: 28° 56' N / 95° 18' W
Weather Conditions: Pt. Cloudy to Cloudy w/ Rain / BSS 1-2 / 1-2' seas / S 10-15K / 84-85°F
Range of H₂O Temperature: Surface 82°F Below Mid-Depth 80°F
Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No

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

BIOTA: Cutlass Fish

ABIOTA: Rope, Net, Trash, Wood, Cable, Rock

Dredged material: Mud, Clay

Boxes are opened periodically due to clogging of clay

Trawler pulled in: Croaker, Menhaden, Pinfish,

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>All day</u>	<u>2-12</u>	<u>In channel, jetties, dump; multiple behavior</u>
<u>/</u>			

Observer(s) On Duty: J. Trubman / Chad Leedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle 1

Project Freeport, TX

DAILY REPORT

Date: 07 / 27 / 02 Loads: 230 — 354

Area(s) Worked: 28°56'N / 95°18'W

Weather Conditions: pt. cloudy / seas 2-4 / SE - 5-15 k / 84°F

Range of H₂O Temperature: Surface 82 Below Mid-Depth 80

Condition of all screening apparatus: Good; boxes are opened periodically due to clogging w/ clay

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

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

~~S~~ Biotic: None

Abiota: Net, Rope, rocks, wood, and chain

Dredged Material: Clay + Mud

No turtles sighted.

Trawler Erza Marie reported: black drum, shark, croaker and cutless fish

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>1</u>	<u>2-6</u>	<u>mouth of jetties</u>
<u>"</u>	<u>1</u>	<u>6-10</u>	<u>" " "</u>
<u>"</u>	<u>All day</u>	<u>2-10</u>	<u>Ent around jetties</u>

Observer(s) On Duty: J. Trumbull / C. Leedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle 1

Project 07/28/02

DAILY REPORT

Date: 07 128 102 Loads: 355 - 377

Area(s) Worked: 23° 56' N / 95° 13' W

Weather Conditions: Pt. Cloudy / 2-4' seas / BSS 2 / 35-15k / 84-86° F

Range of H₂O Temperature: Surface 82° Below Mid-Depth 80°

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No

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

BIOTA: None

ABIOTA: ~~None~~ Rope, Net, Wood, Trash, Rock, Metal

Dredged Material: Clay, Mud

Boxes are opened periodically due to clogging; recently 2/4 boxes have stayed open mostly open throughout dig.

Trawler pulled in: Blue crab, Moon jelly, Cutlass fish, Catfish

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>All day</u>	<u>2-12</u>	<u>In or around jetties</u>

Observer(s) On Duty: J. Troutman / C. Leeder

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle I

Project Freeport, Tx

WEEKLY SUMMARY

Dates: 07/22/02 - 07/28/02 Loads: 207 - 377

Range of H₂O Temperature: Surface 82° Below Mid-Depth 80°

Area(s) Worked: 28° 36' N / 95° 18' W - 28° 53' N / 95° 14' W

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

Comments: _____

BIOTA: Menhaden, Cutlass Fish

ABIOTA: Net, Rope, Trash, Cable, metal, Rock, Wood

Dredged Material: Clay, mud

Boxes opened periodically due to clogging; recently 2/4 boxes have stayed mostly open throughout dig.

Trawlers pulled in: Cutlass fish, Cownose Ray, Menhaden, Croaker, Butterfly Ray, Yellowtail, Red Drum, Gafftop Catfish, Pinfish, Black drum, Blacktip Reef Shark, Blue Crab, Moon Tully

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>Every day</u>	<u>2-20</u>	<u>In or around jetties, channel, dump, multiple behaviors</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers On Duty: C. Leedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle I

Project Freeport, TX

DAILY REPORT

Date: 07/29/02 Loads: 378-391

Area(s) Worked: 28°56'N/95°18'W - 29°53'N/95°14'W

Weather Conditions: pt. cloudy / seas 3-5 / 5-15 / 25

Range of H₂O Temperature: Surface 82 Below Mid-Depth 80

Condition of all screening apparatus: good, boxes open - opened periodically due to clogging

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

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

Biota: 1 small unidentified shark, sarcosium

Abiotic samples include, tire, rope, net, and trash

No turtles sighted

Dredged material includes clay + mud

Drumhead wire + gimble broke on starboard side (load 391) Work stopped in order to replace.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. tevaensis</u>	<u>1</u>	<u>9-12</u>	<u>All day, mouth of jetty</u>

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle 1

Project Freeport, TX

DAILY REPORT

Date: 07 131 102 Loads: 399-402

Area(s) Worked: 28-56 N | 95-18' W - 27-53' N | 95-14' W

Weather Conditions: pt. cloudy / Seas 1-2 ft

Range of H₂O Temperature: Surface 82 Below Mid-Depth 80

Condition of all screening apparatus: Good, Boxes opened periodically due to clogging

Are there incidents involving endangered or protected species? Yes No

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

Q825 goes to docks for repairs

A. Biota - trash

Biota - none

Dredged material Clay + mud

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
/			

Observer(s) On Duty: J. Trounman / C. Reedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle 1

Project Freeport, TX

DAILY REPORT

Date: 08/03/02 Loads: 403-423

Area(s) Worked: 28° 56' N / 95° 18' W

Weather Conditions: PARTLY cloudy, SEAS 1-2, Wind < 5 KTS

Range of H₂O Temperature: Surface 82° Below Mid-Depth 80°

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes No

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

BIOTA: Cutlass Fish

ABIOTA: Net, Rope, Rock, Trash

Dredged material: Clay, sand

Dredge stopped digging on the 31st and went to dock for repairs. Arrived back on dig site at 0520 08/03/02.

Trawler pulled in: Bonnethead, Sandbar Shark, Blue Crab, Cutlass Fish, Moon Fish, Harvest Fish,

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>ALL DAY</u>	<u>2 20</u>	<u>SEEN NEAR JETTIES ALL DAY ALL DAY</u>

Observer(s) On Duty: C. Leedy S. KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle 1

Project Freeport, Tx

DAILY REPORT

Date: 08 / 04 / 02 Loads: 424 - 448

Area(s) Worked: 28° 56' N / 95° 13' W - 28° 53' N / 95° 14' W

Weather Conditions: Pt. Cloudy to Cloudy / BSS 1 / 1' seas / winds calm to 5 kts / 90-91°F

Range of H₂O Temperature: Surface 83° Below Mid-Depth 81°

Condition of all screening apparatus: Good: port aft box has lost metal plate and horizontal bars are gone. Due to clogging, boxes are being opened almost constantly.

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

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

BIOTA: None

ABIOTA: Trash, line, wood, rock

Dredged material: Clay, mud

Trawler pulled in: Red Fish, Black Fish, Cutlass Fish, Bonnethead, Blue Crab

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>All day</u>	<u>2-10</u>	<u>Behind trawler, jetties, feeding, multiple behaviors</u>

Observer(s) On Duty: C. Reedy S. Kuntz

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle 1

Project Freeport, Tx

WEEKLY SUMMARY

Dates: 07/27/02 - 08/04/02 Loads: 378-448

Range of H₂O Temperature: Surface 72-73° Below Mid-Depth 70-81° F

Area(s) Worked: 28°56'N/95°18'W - 28°53'N/95°14'W

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

Comments:

BIOTA: Unid. Shark, Sargassum, Cutlass Fish

ABIOTA: Tire, net, rope, trash, Rock, wood, line

Dredged Material: Clay, mud

Trawler pulled in: Bull shark, sea trout, Black drum, state, Bonnethead, sandbar shark, Blue crab, Cutlass Fish, moon fish, Harvest Fish, Red Fish

Dredge went to dock for repairs mid morning 31st and returned to dredging morning of 3rd.

Boxes are being opened almost continuously due to clogging of material.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>Every day</u>	<u>2-20</u>	<u>In jetties, channel, feeding, behind trawler, multiple behavior.</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
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Observers On Duty: C. Peedy [Signature]

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge EAGLE I

Project FREEPORT, TX

DAILY REPORT

Date: 8/15/02 Loads: 449 - 472

Area(s) Worked: 28°56'N / 95°13'W - 28°53'N / 95°14'W

Weather Conditions: PARTLY CLOUDY, NNW WIND 5-10KTS, SEAS 1'

Range of H₂O Temperature: Surface 83 °F Below Mid-Depth 81 °F

Condition of all screening apparatus: GOOD; HOWEVER, EFFECTIVENESS IS LOW DUE TO SEVERE CLOGGING WITH CLAY CAUSING BOXES TO BE OPENED DURING LOADING. BOTTOM OF AFT BOX MISSING PLATE

Are there incidents involving endangered or protected species? Yes No

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

BIOTA : NONE

ABIOTA : WOOD, LINE, AND NET

MATERIAL DREDGED: CLAY AND MUD

TRAWLER PULLED IN : BONNET HEAD SHARK, HAMMERHEAD SHARK, CUTLASS FISH, BLACK DRUM, CROAKER, BLUE CRAB

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>All day</u>	<u>8-10</u>	<u>SEEN FEEDING NEAR JETTIES</u>
<u>/</u>			

Observer(s) On Duty: S. KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle I

Project Freeport, TX

DAILY REPORT

Date: 08 / 06 / 02 Loads: 473 - 501

Area(s) Worked: 28° 50' N / 95° 18' W

Weather Conditions: Cl. sky to Clear w/ haze / BSS 1 / 1' seas / winds variable 5-10 K / 86°F

Range of H₂O Temperature: Surface 83 - 84°F Below Mid-Depth 81 - 82°

Condition of all screening apparatus: Fair to Good: Port aft box has lost metal floor & part of grating. Due to clogging boxes are opened almost continuously.

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

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

BIOTA: mud eel

ABIOTA: Net, Trash, wood, cable

Dredged material: Clay, sand

Trawlers pulled in: Cownose Ray, Hammerhead Shark, S. Stingray, Black drum, Cutlass Fish

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>All Day</u>	<u>lot</u>	<u>Near jetties</u>

Observer(s) On Duty: C. Peedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge EAGLE 1

Project FREEPORT, TX

DAILY REPORT

Date: 8 17 02 Loads: 502-527

Area(s) Worked: 28°56'N / 95°18'W - 28°53'N / 95°14'W

Weather Conditions: PARTLY cloudy, S wind 5-15 KLS, SEAS 1-2'

Range of H₂O Temperature: Surface 84 F° Below Mid-Depth 82 F°

Condition of all screening apparatus: FAIR → GOOD, BOXES OPENED OFTEN DURING LOADING DUE TO SEVERE CLOGGING WITH CLAY, AFT BOX BOTTOM MISSING PART OF GRATING, 100 TO OUTFLOW SCREENING PRESENT

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

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

BIOTA: CUTLASS FISH

ABIOTA: ROCK, NET, TRASH

MATERIAL DREDGED: CLAY + MUD

TRAWLER PULLED IN: COWNOSE RAY, HAMMERHEAD SHARK, BULL SHARK, CUTLASS FISH, BLACK DRUM, + BLUE CRAB

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
/			

Observer(s) On Duty: STACIE KNIGHT, CHAD LEEPLY

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle 1

Project Fresport, Tx

DAILY REPORT

Date: 07/07/02 Loads: 528 - 547

Area(s) Worked: 27°56'N/95°13'W - 28°53'N/95°14'W

Weather Conditions: Cloudy, RAIN, WIND NE 10-20 KTS, SEAS 2-4

Range of H₂O Temperature: Surface 84 °F Below Mid-Depth 82 °F

Condition of all screening apparatus: Fair to Good : INFLOW SCREENING IS FREQUENTLY CLOGGED WITH CLAY; THEREFORE, MUST BE OPENED & FLUSHED DURING LOADING. 100% OUTFLOW SCREENING IN PLACE.

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

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

BIOTA: NONE

ABIOTA: Net, rope, wood, trash

Dredged Material: Clay, mud

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Turdus Ervaxatus</u>	<u>1</u>	<u>5</u>	<u>SEEN THROUGH MORNING around FETTES</u>

Observer(s) On Duty: C. Leasing, S. KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle

Project Freeport, Tx

DAILY REPORT

Date: 08/09/02 Loads: 548 - 569

Area(s) Worked: 27°56'N/95°13'W - 27°58'N/95°11'W

Weather Conditions: clear, NESE WIND 5-20 KTS, SEAS 2-3' chop

Range of H₂O Temperature: Surface 76.5-84° F Below Mid-Depth 73-82°

Condition of all screening apparatus: FAIR -> GOOD? EFFECTIVENESS IS LOW DUE TO SEVERE CLOGGING WITH CLAY. INFLOW BOXES OPENED AND FLUSHED DURING LOADING. 100% OUTFLOW SCREENING PRESENT

Are there incidents involving endangered or protected species? Yes No

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

BIOTA: Murchieson

ABIOTA: Net, Trash, Wood, Line

Dredged material: Clay, mud

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>ALL DAY</u>	<u>16</u>	<u>SEEN NEAR JETTIES</u>

Observer(s) On Duty: C. Leedy, S. KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle 1

Project Freeport, Tx

DAILY REPORT

Date: 08/10/02 Loads: 570 - 590

Area(s) Worked: 28°56'N/95°18'W - 28°53'N/95°14'W

Weather Conditions: PARTLY cloudy, ESE WIND 10-20 KTS, SEAS 3-5

Range of H₂O Temperature: Surface 85 °F Below Mid-Depth 83 °F

Condition of all screening apparatus: FAIR → Good; AFT PORT BOX MISSING GRATING ON BOTTOM OF BOX. BOXES OPENED FREQUENTLY DURING LOADING DUE TO SEVERE CLOGGING WITH CLAY. 100% outflow screening Present

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

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

BIOTA: NONE

ABIOTA: Net, Trash, Rock

Dredged Material: Clay, mud

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>ALL DAY</u>	<u>6</u>	<u>SEEN NEAR JETTIES</u>

Observer(s) On Duty: C. Leedy, S. KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle 1

Project Freeport, Tx

DAILY REPORT

Date: 08/11/02 Loads: 591 - 612

Area(s) Worked: 27°56'N/95°18'W - 27°53'N/95°14'W

Weather Conditions: PARTLY CLOUDY, ESE WIND 10-20 KTS, SEAS 3'-5'

Range of H₂O Temperature: Surface 85°F Below Mid-Depth 83°F

Condition of all screening apparatus: FAIR: AFT PORT BOX MISSING PORTION OF GRATING ON BOTTOM OF BOX. BOXES OPENED FREQUENTLY DURING LOADING due to continuous clogging of screens with clay, OUTFLOW screening present

Are there incidents involving endangered or protected species? Yes No

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

BIOTA: mud, Eel

ABIOTA: net, rope, wood, trash

Dredged material: clay, mud

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>All day</u>	<u>10</u>	<u>SEEN NEAR JETTIES</u>

Observer(s) On Duty: C. Leedy, S. KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle 1

Project Freeport, Tx

WEEKLY SUMMARY

Dates: 08/05/02 - 08/11/02 Loads: 449-612

Range of H₂O Temperature: Surface 85°-84° F Below Mid-Depth 83°-82° F

Area(s) Worked: 28°56'N/95°17'W - 28°53'N/95°14'W

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

Comments:

BIOTA: Menhaden, und Fed

ABIOTA: Net, Rope, Trash, Wood, Cable

Dredged material: Clay, mud

SCREENING HAS LOW EFFECTIVENESS DUE TO CONSTANT SEVERE CLOGGING OF DISCHARGE BOXES WITH CLAY. IT IS IMPOSSIBLE TO VIEW ENTIRE CONTENTS OF BOX. BOXES ARE FREQUENTLY OPENED DURING LOADING TO FLUSH ~~OUT~~ CLAY. PORT AFT DISCHARGE BOX MISSING PORTION OF GRATING ON BOTTOM OF BOX. OUTFLOW SCREENING IS IN PLACE.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>6</u>	<u>43</u>	<u>SEEN NEARLY EVERY DAY NEAR THE JETTIES IN GROUPS OF 5-10 INDIVIDUALS.</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: C. Reedy, S. Kemp

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge EAGLE I

Project FREEPORT, TX

DAILY REPORT

Date: 6 / 12 / 02 Loads: 613 -

Area(s) Worked: 28.56'N / 95°18'W - 28°53'N / 95°14'W

Weather Conditions: PARTLY cloudy, RAIN, SE WIND 10-20 KTS, SEAS 3-4'

Range of H₂O Temperature: Surface 85° F Below Mid Depth 83° F

Condition of all screening apparatus: FAIR CONDITION; PORT AFT DISCHARGE BOX MISSING a PORTION OF GRATING. LOW EFFECTIVENESS OF INFLOW SCREENING ~~MATERIAL~~ DUE TO SEVERE CLOGGING OF SCREENS WITH CLAY. Complete OUTFLOW screening

Are there incidents involving endangered or protected species? Yes No

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

BIOTA: NONE

ABIOTA: WOOD, ROPE, ROCK, + TRASH

MATERIAL DREDGED: CLAY + MUD

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>All day</u>	<u>R</u>	<u>SEEN NEAR JETTIES</u>

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle I

Project Freeport, TX

DAILY REPORT

Date: 08/13/02 Loads: 634-652

Area(s) Worked: 28°56'N/95°18'W - 28°53'N/95°14'W

Weather Conditions: cloudy, RAIN, SE WIND 15-40 KTS, SEAS 3-5'

Range of H₂O Temperature: Surface 85° Below Mid Depth 83°

Condition of all screening apparatus: FAIR CONDITION, EFFECTIVENESS OF INFLOW SCREENING IS LOW DUE TO CONTINUAL CLOGGING WITH CLAY. COMPLETE OUTFLOW SCREENING IS IN PLACE

Are there incidents involving endangered or protected species? Yes No

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

BIOTA: 1 CUTLASS FISH

ABIOTA: Net, Trash, Rock, wood

Dredged Material: Clay, mud

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>All day</u>	<u>6-10</u>	<u>SEEN NEAR JETTIES</u>

Observer(s) On Duty: C. Leedy, S. Knight

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge EAGLE 1

Project FREEMPORT, TX

DAILY REPORT

Date: 8/14/02 Loads: 653-670

Area(s) Worked: 28°56'N/95°18'W - 28°53'N/95°14'W

Weather Conditions: CLOUDY, RAIN, SSE WIND 20-25 KTS, BSS 3-4, 4-6' SEAS

Range of H₂O Temperature: Surface 85°F Below Mid-Depth 83°F

Condition of all screening apparatus: FAIR. AFT PORT DISCHARGE BOX MISSING A PORTION OF GRATING ON BOTTOM, INFLOW SCREENING HAS LOW EFFECTIVENESS DUE TO CONSTANT CLOGGING WITH CLAY. COMPLETE INFLOW SCREENING

Are there incidents involving endangered or protected species? Yes No

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

BIOTA: NONE

ABIOTA: ROCK, ROPE, NET, WOOD

MATERIAL DREDGED: CLAY & MUD

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>ALL DAY</u>	<u>20</u>	<u>SEEN IN CHANNEL & NEAR JETTIES</u>

Observer(s) On Duty: S. KNIGHT, C. LEEDY

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge EAGLE I

Project FREEPORT, TX

DAILY REPORT

Date: 8/15/02 Loads: 671 - 687

Area(s) Worked: 28°56'N/95°18'W - 28°53'N/95°14'W

Weather Conditions: RAIN, SE WIND 20 KNOTS, SEAS 4-6

Range of H₂O Temperature: Surface 83 °F Below Mid-Depth 83 °F

Condition of all screening apparatus: FAIR, EFFECTIVENESS OF INFLOW SCREENING IS LOW DUE TO CONTINUOUS CLOGGING WITH CLAY. PORT AFT DISCHARGE BOX MISSING PORTION OF GRATING, OUTFLOW SCREENING IN PLACE

Are there incidents involving endangered or protected species? Yes No

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

BIOTA: NONE

ABIOTA: ROPE, WOOD, ROCK, NET

MATERIAL DREDGED: CLAY + MUD

TRAWLER NOT WORKING TODAY

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>ALL day</u>	<u>6-20</u>	<u>SEEN IN CHANNEL AND NEAR JETTIES</u>

Observer(s) On Duty: S. KNIGHT, C. LEEDY

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Exale 1

Project Freeport, Tx

DAILY REPORT

Date: 08/16/02 Loads: 639-709

Area(s) Worked: 28° 56' N / 95° 18' W - 28° 53' N / 95° 14' W

Weather Conditions: PARTLY Cloudy, S wind 5-15 KTS, SEAS 2-4'

Range of H₂O Temperature: Surface 86-85°F Below Mid Depth 84-83°F

Condition of all screening apparatus: FAIR, INFLOW SCREENING HAS LOW EFFECTIVENESS DUE TO CONTINUOUS CLOGGING WITH CLAY. BOXES MUST BE OPENED OFTEN DURING LOADING TO FLUSH. COMPLETE OUTFLOW SCREENING IN PLACE

Are there incidents involving endangered or protected species? Yes No

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

BIOTA:

ABIOTA: Net, Rope, Rock, Cable

Dredged material: Clay, mud

Trawler pulled in: Dusky SHARK, Black DRUM

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>ALL DAY</u>	<u>10</u>	<u>SEEN ALL DAY IN channel</u>

Observer(s) On Duty: C. Reedy, S. KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle 1

Project Freeport, Tx

DAILY REPORT

Date: 08/17/02 Loads: 710 - 737

Area(s) Worked: 28° 56' N / 95° 12' W - 28° 53' N / 95° 14' W

Weather Conditions: cloudy, S wind 5-15 kts, seas 2'-3'

Range of H₂O Temperature: Surface 86-84° F Below Mid Depth 81-82° F

Condition of all screening apparatus: FAIR; INFLOW SCREENING HAS LOW EFFECTIVENESS DUE TO CONSTANT CLOGGING WITH CLAY. BOXES MUST BE OPENED OFTEN TO FLUSH DURING DREDGING. COMPLETE OVERFLOW SCREENING IN PLACE.

Are there incidents involving endangered or protected species? Yes No

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

BIOTA: NONE

ABIOTA: Net, Rope, Rock, Trash

Dredged material: Clay, mud

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>1</u>	<u>2-6</u>	<u>SEEN NEAR TRAWLER</u>

Observer(s) On Duty: C. Reedy, S. Knight

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle 1

Project Freeport, Tx

DAILY REPORT

Date: 02/18/02 Loads: 738-764

Area(s) Worked: 27° 56' N / 95° 18' W - 27° 53' N / 95° 14' W

Weather Conditions: PARTLY cloudy, S WIND 5-15KTS, SCAS 2-3

Range of H₂O Temperature: Surface 84 °F Below Mid-Depth 82 °F

Condition of all screening apparatus: FAIR ; INFLOW SCREENING INEFFECTIVE DUE TO CONTINUAL CLOGGING WITH CLAY. PORT AFT BOX MISSING GRATING ON BOTTOM. COMPLETE INFLOW SCREENING

Are there incidents involving endangered or protected species? Yes No

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

BIOTA: NONE

ABIOTA: Net, Trawl, Wad

Dredged material: Clay, mud

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>All day</u>	<u>6-10</u>	<u>IN channel + Near JETTIES</u>

Observer(s) On Duty: C. Leedy S. KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge EAGLE I

Project FREERPORT, TX

WEEKLY SUMMARY

Dates: 8/12/02 - 8/18/02 Loads: 613-764

Range of H₂O Temperature: Surface 86-84°F Below Mid-Depth 84-82°F

Area(s) Worked: 28° 56' N / 95° 18' W - 28° 53' N / 95° 14' W

Are there incidents involving endangered or protected species? Yes No

Comments:

BIOTA: BLACK TIP SHARK, CUTLASS FISH

ABIOTA: NET, TRASH, ROCK, CABLE, ROPE

MATERIAL DREDGED: CLAY, MUD

SCREENING: INFLOW SCREENING HAS LIMITED EFFECTIVENESS DUE TO CONSTANT CLOGGING. DISCHARGE BOXES MUST BE OPENED FREQUENTLY DURING LOADING TO FLUSH OUT CLAY. PORT AFT BOX MISSING A PORTION OF GRATING. COMPLETE OUTFLOW SCREENING IS IN PLACE

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u><i>T. truncatus</i></u>	<u>7</u>	<u>~50</u>	<u>SEEN EVERY DAY IN GROUPS OF 6-10 INDIVIDUALS IN CHANNEL AND AROUND JETTIES</u>

Observers On Duty: S. KNIGHT, C. LEEDY

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge EAGLE I

Project FREEPORT, TX

DAILY REPORT

Date: 8/19/02 Loads: 765-789

Area(s) Worked: 28°56'N / 95°18'W - 28°53'N / 95°14'W

Weather Conditions: Mostly CLEAR, S wind 5-15 KTS, SEAS 2-3'

Range of H₂O Temperature: Surface 84° F Below Mid-Depth 82° F

Condition of all screening apparatus: FAIR; INFLOW SCREENING HAS LIMITED EFFECTIVENESS DUE TO CONSTANT CLOGGING OF SCREENS WITH Clay. COMPLETE OVERFLOW SCREENING IN PLACE

Are there incidents involving endangered or protected species? Yes No

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

BIOTA: CUTLASS FISH

ABIOTA: NET, ROPE, ROCK, WOOD

MATERIAL DREDGED: CLAY, MUD

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>1</u>	<u>2</u>	<u>IN CHANNEL</u>

Observer(s) On Duty: S. KNIGHT, C. LEEDY

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle 1

Project Freeport, Tx

DAILY REPORT

Date: 03/20/02 Loads: 790 - 810

Area(s) Worked: 28° 56' N / 95° 18' W - 28° 53' N / 95° 14' W

Weather Conditions: PARTLY cloudy, S WIND 5-10K, SEAS 1-3'

Range of H₂O Temperature: Surface 84°F Below Mid Depth 82°F

Condition of all screening apparatus: FAIR; INFLOW SCREENING HAS LOW EFFECTIVENESS, BOXES MUST BE FREQUENTLY OPENED DURING DREDGING DUE TO CLOGGING WITH CLAY. PORT AFT BOX MISSING PORTION OF GRATING. COMPLETE OUTFLOW SCREENING

Are there incidents involving endangered or protected species? Yes No

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

BIOTA: NONE

ABIOTA: Net, Trash

Dredged material: Clay, mud

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>ALL day</u>	<u>12</u>	<u>SEEN THROUGHOUT WORK AREA</u>

Observer(s) On Duty: C. Leedy, S. KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle 1

Project Freeport, Tx

DAILY REPORT

Date: 07/21/02 Loads: 711 - 838

Area(s) Worked: 28° 56' N / 95° 17' W - 28° 53' N / 95° 14' W

Weather Conditions: PARTLY cloudy, SE WIND 5-15KTS, SEAS 1-3'

Range of H₂O Temperature: Surface 84°F Below Mid Depth 82°F

Condition of all screening apparatus: FAIR; INFLOW SCREENING HAS LOW EFFECTIVENESS due to SEVERE clogging with CLAY. BOXES MUST BE FREQUENTLY opened to Flush out clay. AFT PUMP Box MISSING portion of Grating, 100% outflow screen.

Are there incidents involving endangered or protected species? Yes No

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

BIOTA: NONE

ABIOTA: Net, Chain, Trash, TIRE

Dredged Material: Clay, mud

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>1</u>	<u>5</u>	<u>NEAR WORK AREA</u>

Observer(s) On Duty: C. Leedy, S. KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge EAGLE 1

Project FREEMPORT, TX

DAILY REPORT

Date: 9 / 22 / 02 Loads: 839-862

Area(s) Worked: 28°56'N/95°18'W - 28°53'N/95°14'W

Weather Conditions: PARTLY CLOUDY, S WIND 5-15 KTS, SEAS 1'-3'

Range of H₂O Temperature: Surface 84° F Below Mid-Depth 82° F

Condition of all screening apparatus: FAIR; INFLOW SCREENING HAS LOW EFFECTIVENESS DUE TO CONSTANT CLOGGING WITH CLAY. FREEMPORT DISCHARGE BOX MISSING A PORTION OF GRATING ON BOTTOM OF BOX, COMPLETE OVERFLOW SCREEN

Are there incidents involving endangered or protected species? Yes No

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

BIOTA: NONE

ABIOTA: TRASH, ROCK, NET

MATERIAL DREDGED: MUD AND CLAY

TRAWLER PULLED IN: SHARKS AND COW-NOSE RAY

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>NONE</u>			

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge EAGLE 1

Project FREEPORT, TX

DAILY REPORT

Date: 8/23/02 Loads: 863-884

Area(s) Worked: 28° 56' N / 95° 18' W - 28° 53' N / 95° 14' W

Weather Conditions: PARTLY CLOUDY, S WIND 5-15 KTS, SEAS 1'-3'

Range of H₂O Temperature: Surface 84°F Below Mid-Depth 82°F

Condition of all screening apparatus: FAIR: INFLOW SCREENING CONTINUALLY CLOGS WITH CLAY AND MUST BE OPENED AND FLUSHED, PORT AFI BOX MISSING A PORTION OF GRATING. COMPLETE OVERFLOW SCREENING

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

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

BIOTA: EEL

ABIOTA: ROCK, TRASH, NET

MATERIAL DREDGED: CLAY + MUD

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Ternentus</u>	<u>1</u>	<u>2</u>	<u>in channel</u>

Observer(s) On Duty: C. LEEDY, S. KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Eagle 1

Project Freeport, Tx

DAILY REPORT

Date: 07/24/02 Loads: 385 - 394

Area(s) Worked: 28°56'N/95°18'W - 28°53'N/95°14'W

Weather Conditions: Pt, Cloudy / BSS / 11' seas / S, 10-15K /

Range of H₂O Temperature: Surface 84°F Below Mid-Depth 82°F

Condition of all screening apparatus: Fair: port aft missing metal plate, screening (grating) weathered; boxes opened due to continuous clogging. Several holes in pipe.

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

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

BIOTA: NONE

ABIOTA: Trash, net, Cable Rock

Dredged material: Clay, mud

Trawler pulled in: None

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T, truncatus</u>	<u>All morning</u>	<u>5±</u>	<u>Near jetties</u>

Observer(s) On Duty: C. Reedy / S. Knight