

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 / 28 / 02

Load # 01 / 02 Start 0757 / 0851 End 0811 / 0907 Dump 0827 / 0923

Location (lat/long, stations) 0⁺00 / 5⁺00 Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) cloudy, wind 5-10 kts, sea 2-3

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Fore OK _____ OK _____

Mid OK _____ OK _____

Aft OK _____ OK _____

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
0		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 / 27 / 02

Load # 3 / 4 Start 0950 / 1046 End 1007 / 1106 Dump 1023 / 1128

Location (lat/long, stations) 0+00 / 5+00 Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy, Wind 5-10kts, sea 1-2'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK / Deflector /

Stbd Draghead OK / Deflector /

Fore OK /

Mid ↓ /

Aft ↓ /

Port Overflow, Primary _____ Secondary OK

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>D</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07/27/2002

Load # 7/8 Start 1334/1431 End 1350/1447 Dump 1411/1502

Location (lat/long stations) 11 Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) Hot, Humid 97° Swinds 10 KTS

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>		<u>OK</u>	Deflector	<u>OK/OK</u>
Stbd Draghead				Deflector	
Fore					
Mid	<u>OK</u>		<u>OK</u>		
Aft					
Port Overflow, Primary	<u>OK</u>		<u>OK</u>	Secondary	
Stbd Overflow, Primary				Secondary	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 | 27 | 2002

Load # 9/10 Start 1528/1626 End 1546/1643 Dump 1606/1703

Location (lat/long, stations) 11 Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) Wind SW 10KTS 3' SEAS 98° HOT

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>		<u>OK</u>	Deflector	<u>OK</u>		<u>OK</u>
Stbd Draghead	<u>OK</u>		<u>OK</u>	Deflector	<u>OK</u>		<u>OK</u>
Fore							
Mid	<u>OK</u>		<u>OK</u>				
Aft							
Port Overflow, Primary	<u>OK</u>		<u>OK</u>	Secondary	<u>OK</u>		<u>OK</u>
Stbd Overflow, Primary	<u>OK</u>		<u>OK</u>	Secondary	<u>OK</u>		<u>OK</u>

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 27 2002

Load # 11/12 Start 1724/1824 End 1741/1841 Dump 1804/1901

Location (lat/long, stations) 11 Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) wind SW / OKT 98° Hot Humid

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK / OK Deflector OK / OK

Stbd Draghead _____ Deflector _____

Fore _____

Mid OK / OK

Aft _____

Port Overflow, Primary OK / OK Secondary OK / OK

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 27 2002

Load # 13-14 Start 1919/2018 End 1936/2039 Dump 1956/2059

Location (lat/long stations) 11 Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) SW winds 10KT 97° Hot

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK / OK Deflector _____

Stbd Draghead _____ Deflector OK / OK

Fore _____

Mid OK / OK

Aft _____

Port Overflow, Primary OK / OK Secondary _____

Stbd Overflow, Primary _____ Secondary OK / OK

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 27 2002

Load # 15-16 Start 2116/2205 End 2132 Dump 2153

Location (lat/long stations) 11 Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) Wind SW 10KT 2' 96°

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Fore _____

Mid _____

Aft _____

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 / 27 / 28 / 02

Load # 17 / 18 Start 2321 / 0013 End 2334 / 0029 Dump 2345 / 0044

Location (lat/long, stations) 0700 / 5700 Tide Stage .3 → .1

Weather (wind dir, beaufort, sea state, temp, etc.) M/C, wind 12-20 KTS, sea 2-4'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK</u> / <u>OK</u>
Stbd Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK</u> / <u>OK</u>
Fore	<u>OK</u>			
Mid	<u>OK</u>			
Aft	<u>OK</u>			

Port Overflow, Primary X Secondary OK / OK

Stbd Overflow, Primary X Secondary OK / OK

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>[scribble]</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 / 28 / 02

Load # 19 / 20 Start 0109 / 0206 End 0127 / 0225 Dump 0142 / 0240

Location (lat/long, stations) 0700 - 500 Tide Stage .4 → .6

Weather (wind dir, beaufort, sea state, temp, etc.) Plc, wind 10-15 KTS, sea 2-3'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	Deflector	<u>OK</u>
Stbd Draghead		Deflector	<u>OK</u>
Fore			
Mid			
Aft			

Port Overflow, Primary	<u>X</u>	Secondary	<u>OK</u>
Stbd Overflow, Primary		Secondary	<u>OK</u>

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>[Signature]</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 / 28 / 02

Load # 21 / 22 Start 0304 / 0404 End 0324 / 0424 Dump 0340 / 0429

Location (lat/long, stations) 0+00 - 5+00 Tide Stage 1.0 → 1.4

Weather (wind dir, beaufort, sea state, temp, etc.) M/C, wind 5-10 KTS, sea 2-3'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	Deflector	<u>OK / OK</u>
Stbd Draghead	<u>OK</u>	Deflector	<u>OK / OK</u>
Fore			
Mid			
Aft			

Port Overflow, Primary N/A Secondary OK / OK

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: / /

Load # 23 / 24 Start 0503 / 0609 End 0522 / 0627 Dump 0537 / 0642

Location (lat/long, stations) 0400 - 5400 Tide Stage 1.8 -> 2.0

Weather (wind dir, beaufort, sea state, temp, etc.) M/C, Rain, wind 12-15 KTS, sea 2-3'

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	Deflector	<u>OK / OK</u>
Stbd Draghead	<u>OK</u>	Deflector	<u>OK / OK</u>
Fore			
Mid			
Aft			

Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK / OK</u>
Stbd Overflow, Primary	<u>N/A</u>	Secondary	<u>OK / OK</u>

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 / 28 / 02

Load # 25 / 26 Start 0710 / 0806 End 0727 / 0826 Dump 0743 / 0842

Location (lat/long, stations) 0+00 - 5+00 Tide Stage 2.1 → 2.3

Weather (wind dir, beaufort, sea state, temp, etc.) P/c, wind 10-15 KTS, sea 2-4'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	Deflector	<u>OK / OK</u>
Stbd Draghead		Deflector	
Fore			
Mid			
Aft			

Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK / OK</u>
Stbd Overflow, Primary		Secondary	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>[Signature]</u>		

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 / 28 / 02

Load # 27 / 28 Start 0904 / 1008 End 0925 / 1028 Dump 0938 / 1044

Location (lat/long, stations) 5°00' - 10°00' + 0°10' - 5°00' Tide Stage 2.2 → 1.8

Weather (wind dir, beaufort, sea state, temp, etc.) Plc, wind 10-15 kts, sea 2-3'

Water Temp., Surface 86° Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	Deflector	<u>OK / OK</u>
Stbd Draghead		Deflector	
Fore			
Mid			
Aft			

Port Overflow, Primary	<u>NA</u>	Secondary	<u>OK / OK</u>
Stbd Overflow, Primary		Secondary	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 28 / 02

Load # 29 / 30 Start 1103 / 1156 End 1120 / 1213 Dump 1137 / 1234

Location (lat/long, stations) 10 Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) wind SW 10KT 2' SEAS 97° Hot Humid

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead		Deflector	<u>OK</u>
Stbd Draghead	<u>OK</u>	Deflector	<u>OK</u>
Fore			
Mid	<u>OK</u>		<u>OK</u>
Aft			
Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK</u>
Stbd Overflow, Primary		Secondary	<u>OK</u>

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07/28/02

Load # 31 | 32 Star 1252 | 1350 End 1315 | 1410 Dump 1331 | 1430

Location (lat/long, stations) 10 Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) SW 10KTS 2' SEAS 97° HOT

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead		Deflector	<u>OK</u> <u>OK</u>
Stbd Draghead	<u>OK</u>	Deflector	<u>OK</u> <u>OK</u>
Fore			
Mid			
Aft			
Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK</u> <u>OK</u>
Stbd Overflow, Primary		Secondary	<u>OK</u> <u>OK</u>

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u> </u>	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07/28/02

Load # 33 | 34 Star 1451 | 1551 End 1510 | 1611 Dump 1531 | 1631

Location (lat/long, stations) 10 Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) SW 10KTS 2' SEAS 95' Humid

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead		Deflector	<u>OK</u> <u>OK</u>
Stbd Draghead	<u>OK</u>	Deflector	<u>OK</u> <u>OK</u>
Fore			
Mid	<u>OK</u>		<u>OK</u>
Aft			
Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK</u> <u>OK</u>
Stbd Overflow, Primary		Secondary	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07/28/02

Load # 35 | 36 Star 1649 | 1748 End 1709 | 1804 Dump 1729 | 1824

Location (lat/long, stations) 10 Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) SW winds 10 KTS. 2' SEAS - 95° HOT

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	Deflector	<u>OK</u>
Stbd Draghead	<u>OK</u>	Deflector	<u>OK OK</u>
Fore			
Mid			
Aft	<u>OK</u>		<u>OK</u>
Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK OK</u>
Stbd Overflow, Primary		Secondary	<u>OK OK</u>

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>(scribble)</u>		

Observer(s) On Duty: Andrew Jackson | Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07/28/02

Load # 37/38 Start 1844/1940 End 1903/1957 Dump 1924/2017

Location (lat/long, stations) 11 Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) SW wind 10KT 2' SEAS 95° Humid

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead _____ Deflector OK | OK

Stbd Draghead OK | OK Deflector OK | OK

Fore _____

Mid OK | OK

Aft _____

Port Overflow, Primary N/A Secondary OK | OK

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 / 28 / 02

Load # 39 | 40 Start 2035 | 2130 End 2053 | 2148 Dump 2114 | 2208

Location (lat/long, stations) 11 Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) Wind SW 10^{kts} 2 SEAS 95° HOT

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead		Deflector	
Stbd Draghead	<u>OK</u>	Deflector	<u>OK OK</u>
Fore			
Mid	<u>OK</u>		<u>OK</u>
Aft			
Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK OK</u>
Stbd Overflow, Primary		Secondary	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Load # 41 | 42
~~30~~ | ~~40~~
Date: 07 / 28 / 02
Start 2226 | 2320 End 2247 | 2338 Dump 2303 | 2354

Location (lat/long, stations) 11 Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) SW wind 10 KTS 2' SEAS 94°

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	<u> </u>	Deflector	<u>OK</u>
Stbd Draghead	<u>OK</u>	<u> </u>	Deflector	<u>OK</u>
Fore	<u>↓</u>	<u> </u>		
Mid	<u>↓</u>	<u> </u>		
Aft	<u>↓</u>	<u> </u>		
Port Overflow, Primary	<u>N/A</u>	<u> </u>	Secondary	<u>OK</u>
Stbd Overflow, Primary	<u>N/A</u>	<u> </u>	Secondary	<u>OK</u>

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 / 29 / 02

Load # 43 | 44

Start 0013 | 0119

End 0039 | 0138

Dump 0055 | 0153

Location (lat/long, stations)

0+00 - 5+00

Tide Stage .5 → .6

Weather (wind dir, beaufort, sea state, temp, etc.) Plc, wind 15-20 kts, sea 2-3'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead	<u>OK</u>	Deflector	<u>OK OK</u>
Stbd Draghead	<u>OK</u>	Deflector	<u>OK OK</u>
Fore			
Mid			
Aft			

Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK OK</u>
Stbd Overflow, Primary		Secondary	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>[Signature]</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07/29/02

Load # 45 | 46

Start 0214 | 0307 End 0229 | 0324

Dump 0244 | 0338

Location (lat/long, stations) 3+00 - 5+00

Tide Stage .7 → 1.0

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy, Rain, Wind 15-20kts, Sec 3-4'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead _____ Deflector OK | OK

Stbd Draghead _____ Deflector OK | OK

Fore _____

Mid _____

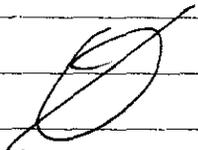
Aft _____

Port Overflow, Primary N/A Secondary OK | OK

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 / 29 / 02

Load # 47 | 48 Start 0402 | 0457 End 0422 | 0513 Dump 0435 | 0527

Location (lat/long, stations) 0700 - 5000 Tide Stage 1.3 -> 1.6

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy, wind 10-20 KTS, sea 3-4'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead	<u>OK</u>	Deflector	<u>OK OK</u>
Stbd Draghead	<u>OK</u>	Deflector	<u>OK OK</u>
Fore			
Mid			
Aft			
Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK OK</u>
Stbd Overflow, Primary		Secondary	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>[Signature]</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 / 29 / 02

Load # 49 | 50 Start 0548 | 0634 End 0603 | 0658 Dump 0618 | 0709

Location (lat/long, stations) 0400 - 5400 + 5400 - 10400 Tide Stage 1.9 -> 2.0

Weather (wind dir, beaufort, sea state, temp, etc.) Plc, wind 15-20kts, sea 2-4'

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK Deflector OK
Stbd Draghead OK Deflector OK
Fore
Mid
Aft

Port Overflow, Primary n/a Secondary OK
Stbd Overflow, Primary n/a Secondary OK

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Table with 3 columns: Species, # of Animals, Time/ Location/ Comments

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 / 29 / 02

Load # 51 | 52 Start 0727 | 0816 End 0746 | 0835 Dump 0757 | 0847

Location (lat/long, stations) 5+00 - 10+00 Tide Stage 2.1 → 2.0

Weather (wind dir, beaufort, sea state, temp, etc.) Plc, wind 10-20 kts, sea 2-4'

Water Temp., Surface 87° Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead _____ Deflector OK | OK

Stbd Draghead _____ Deflector OK | OK

Fore _____

Mid _____

Aft _____

Port Overflow, Primary N/A Secondary OK | OK

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 / 29 / 02

Load # 53 / 54 Start 0904 / 0955 End 0923 / 1011 Dump 0935 / 1023

Location (lat/long, stations) 5700 - 10700 Tide Stage 6.9 →

Weather (wind dir, beaufort, sea state, temp, etc.) R/C, wind 5-15 kts, sea 2-3'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK Deflector OK / OK

Stbd Draghead _____ Deflector _____

Fore _____

Mid _____

Aft _____

Port Overflow, Primary N/A Secondary OK / OK

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>T. z</u>	<u>5-10</u>	<u>1005 / @ dig</u>

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 / 29 / 02

Load # 55 / 56 Start 1046 / 1137 End 1104 / 1206 Dump 1124 / 1226

Location (lat/long, stations) 10-11 Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) SWINDS 10KTS 3'SEAS 96° PC

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead		Deflector	
Stbd Draghead	<u>OK</u>	Deflector	<u>OK</u> <u>OK</u>
Fore			
Mid	<u>OK</u>		<u>OK</u>
Aft			
Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK</u> <u>OK</u>
Stbd Overflow, Primary		Secondary	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 29 02

Load # 57 | 58 Start 1241 | 1428 End 1355 | 1500 Dump 1416 | 1519

Location (lat/long, stations) 2-11 Tide Stage 2.1

Weather (wind dir, beaufort, sea state, temp, etc.) Swind 10KTS 3' seas PC 96° HOT

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead		Deflector	<u>OK</u>	<u>OK</u>
Stbd Draghead	<u>OK</u>	Deflector	<u>OK</u>	<u>OK</u>
Fore				
Mid	<u>OK</u>			
Aft				
Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK</u>	<u>OK</u>
Stbd Overflow, Primary		Secondary		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 / 29 / 02

Load # 59 | 60 Start 1531 | 1633 End 1603 | 1700 Dump 1623 | 1718

Location (lat/long, stations) 11 Tide Stage 1.2

Weather (wind dir, beaufort, sea state, temp, etc.) SWINDS 10KTS - 2' SEAS 97°

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead		Deflector	
Stbd Draghead	<u>OK</u>	Deflector	<u>OK</u> <u>OK</u>
Fore			
Mid	<u>OK</u>		<u>OK</u>
Aft			
Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK</u> <u>OK</u>
Stbd Overflow, Primary		Secondary	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>(scribble)</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 / 29 / 02

Load # 61 | 62 Start 1730 | 1830 End 1758 | 1900 Dump 1818 | 1919

Location (lat/long, stations) 11 Tide Stage 1.6

Weather (wind dir, beaufort, sea state, temp, etc.) SWINDS 10KTS 2' SEAS 95° HOT

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead _____ Deflector OK | OK

Stbd Draghead OK _____ OK _____ Deflector OK | OK

Fore _____

Mid OK _____ OK _____

Aft _____

Port Overflow, Primary N/A _____ Secondary OK | OK

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07/29/02

Load # 63 | 64 Start 1931/2034 End 2001/2102 Dump 2021/2121

Location (lat/long, stations) Wind S SKTS 2 SEAS 95° Tide Stage 2.0

Weather (wind dir, beaufort, sea state, temp, etc.) 11

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Table with columns for Port Draghead, Stbd Draghead, Fore, Mid, Aft, Port Overflow, Primary, Stbd Overflow, Primary, Secondary, Deflector, and OK/NO status.

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Table with columns: Species, # of Animals, Time/ Location/ Comments

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 / 29 / 02

Load # 65 / 66 Start 2135 / 2235 End 2202 / 2315 Dump 2222 / 2331

Location (lat/long, stations) 11 Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) Winds S SKTS- 2' SEAS 93°

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK</u> / <u>OK</u>
Stbd Draghead			Deflector	
Fore				
Mid				
Aft				

Port Overflow, Primary	<u>N/A</u>	Secondary	
Stbd Overflow, Primary		Secondary	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

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

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07/29/01 02

Load # 67 | 68 Start 2320 | 0047 End 0016 | 0121 Dump 0030 | 0135

Location (lat/long, stations) 0700 - 5400 Tide Stage 1.0 -> .9

Weather (wind dir, beaufort, sea state, temp, etc.) Plc, wind 10-20KTS, sea 2-3'

Water Temp., Surface 87° Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK Deflector OK
Stbd Draghead OK Deflector OK
Fore
Mid
Aft

Port Overflow, Primary N/A Secondary OK
Stbd Overflow, Primary N/A Secondary OK

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Table with 3 columns: Species, # of Animals, Time/ Location/ Comments

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 / 30 / 02

Load # 69 | 70 Start 0152 | 0257 End 0225 | 0330 Dump 0239 | 0344

Location (lat/long, stations) 0700 - 5200 Tide Stage 1.0 -> 1.3

Weather (wind dir, beaufort, sea state, temp, etc.) Plc, wind 10-20 kts, sea 2-3'

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK Stbd Draghead OK Fore Mid Aft Deflector OK | OK

Port Overflow, Primary n/a Secondary OK | OK Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Table with 3 columns: Species, # of Animals, Time/ Location/ Comments

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 / 30 / 02

Load # 71 | 72 Start 0401 | 0502 End 0431 | 0529 Dump 0444 | 0543

Location (lat/long; stations) 0700 - 5700 Tide Stage 1.4 → 1.6

Weather (wind dir, beaufort, sea state, temp, etc.) AC, wind 10-15 kts, sea 2-3'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK OK</u>
Stbd Draghead			Deflector	
Fore				
Mid				
Aft				

Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK OK</u>
Stbd Overflow, Primary		Secondary	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>D</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 / 30 / 02

Load # 73 | 74 Start 0600 | 0647 End 0620 | 0705 Dump 0631 | 0714

Location (lat/long, stations) 5-400 - 10-00, 10-00-15-00 Tide Stage 1.8 -> 1.9

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy, wind 10-15 KTS, sea 2-3'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK Deflector OK | OK

Stbd Draghead _____ Deflector _____

Fore _____

Mid _____

Aft _____

Port Overflow, Primary N/A Secondary OK | OK

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07/30 / 02

Load # 75 | 76 Start 0734 | 0817 End 0752 | 0835 Dump 0800 | 0843

Location (lat/long, stations) 13+00 - 15+00 Tide Stage 2.0

Weather (wind dir, beaufort, sea state, temp, etc.) Plc, wind 12-20, sea 2-3'

Water Temp., Surface 87° Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	Deflector	<u>OK OK</u>
Stbd Draghead	<u>OK</u>	Deflector	<u>OK OK</u>
Fore			
Mid			
Aft			
Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK OK</u>
Stbd Overflow, Primary		Secondary	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>[Signature]</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: / / 02

Load # 77 | 78 Start 0901 | 0945 End 0920 | 1006 Dump 0928 | 1015

Location (lat/long, stations) 10°00' - 15°00' Tide Stage 1.9 → 1.7

Weather (wind dir, beaufort, sea state, temp, etc.) P/L, wind 10-15 KTS, sea 2-3'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK</u> <u>OK</u>
Stbd Draghead			Deflector	
Fore				
Mid				
Aft				
Port Overflow, Primary	<u>n/a</u>		Secondary	<u>OK</u> <u>OK</u>
Stbd Overflow, Primary			Secondary	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>[Signature]</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 / 20 / 02

Load # 79 | 80 Start 1021 | 1116 End 1246 | 1251 Dump 1028 | 1310

Location (lat/long, stations) 10°00' - 12°00' Tide Stage 1.5' →

Weather (wind dir, beaufort, sea state, temp, etc.) P/C, Wind 12-15 KTS, Sea 2-3

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	Deflector	<u>OK</u> <u>OK</u>
Stbd Draghead	<u>OK</u>	Deflector	<u>OK</u> <u>OK</u>
Fore			
Mid			
Aft			
Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK</u> <u>OK</u>
Stbd Overflow, Primary		Secondary	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 / 30 / 02

Load # 81 | 82 Start 1322 | 1536 End 1506 | 1706 Dump 1524 | 1724

Location (lat/long, stations) 11 Tide Stage 1.1

Weather (wind dir, beaufort, sea state, temp, etc.) SW 10 KTS - 2' SEAS - RAINY - OVERCAST 95%

Water Temp., Surface _____ Below Mid-Depth 1.8

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead		Deflector	<u>OK</u>	<u>OK</u>
Stbd Draghead	<u>OK</u>	Deflector	<u>OK</u>	<u>OK</u>
Fore				
Mid	<u>OK</u>			
Aft				
Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK</u>	<u>OK</u>
Stbd Overflow, Primary		Secondary		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 | 30 | 02

Load # 83 | 84 Start 1736 | 1955 End 1921 | 2125 Dump 1942 | 2145

Location (lat/long, stations) 11 Tide Stage 1.4

Weather (wind dir, beaufort, sea state, temp, etc.) WINDS 10KTS 2' SEAS 94° Humid

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead _____ Deflector OK | OK

Stbd Draghead OK | OK Deflector OK | OK

Fore _____

Mid OK | OK

Aft _____

Port Overflow, Primary N/A Secondary OK | OK

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07/30/02

Load # 85 | 86 Start 2158 | 0007 End 2338 | 0137 Dump 2250 | 0150

Location (lat/long, stations) 11 Tide Stage 1.4 - 1.5

Weather (wind dir, beaufort, sea state, temp, etc.) Wind S SWS 2' - SEAS 93° Humid

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK Deflector OK
Stbd Draghead Deflector
Fore
Mid
Aft
Port Overflow, Primary n/a Secondary OK
Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Table with 3 columns: Species, # of Animals, Time/ Location/ Comments

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 / 31 / 02

Load # 87 / 88 Start 0205 / ~~0350~~ ⁰³⁴⁷ End 0320 / 0420 Dump 0331 / 0431

Location (lat/long, stations) 27°00' - 57°00' - 107°00' Tide Stage 1.4 → 1.6

Weather (wind dir, beaufort, sea state, temp, etc.) M/c, wind 5-12kts, sea 2-3

Water Temp., Surface 87° Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK</u>	<u>OK</u>
Stbd Draghead			Deflector		
Fore					
Mid					
Aft					
Port Overflow, Primary	<u>N/A</u>		Secondary	<u>OK</u>	<u>OK</u>
Stbd Overflow, Primary			Secondary		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>[Signature]</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07/31/02

Load # 89 | 90 Start 0446 | 0442 End 0535 | 0634 Dump 0535 | 0711

Location (lat/long, stations) ~~5-7-00~~ 5-7-00 - 10-00 Tide Stage 1.7 →

Weather (wind dir, beaufort, sea state, temp, etc.) N/C, wind 5-11 KTS, sea 2-3

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK Deflector OK | OK
Stbd Draghead OK Deflector OK | OK
Fore
Mid
Aft

Port Overflow, Primary N/A Secondary OK | OK
Stbd Overflow, Primary N/A Secondary OK | OK

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Table with 3 columns: Species, # of Animals, Time/ Location/ Comments

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07/31/02

Load # 91 | 92 Start 0735 | 0856 End 0827 | 0936 Dump 0839 | 0947

Location (lat/long, stations) 5400-10700 Tide Stage 2.2 to 2.0

Weather (wind dir, beaufort, sea state, temp, etc.) Plc, wind 5-10kts, sea 2-3'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>		Deflector	<u>OK</u>	<u>OK</u>
Stbd Draghead			Deflector		
Fore					
Mid					
Aft					
Port Overflow, Primary	<u>N/A</u>		Secondary	<u>OK</u>	<u>OK</u>
Stbd Overflow, Primary			Secondary		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 / 31 / 02

Load # 93 | 94 Start 1003 | 1121 End 1051 | 1220 Dump 1105 | 1234

Location (lat/long, stations) 5400 - 10700 Tide Stage 2.0 →

Weather (wind dir, beaufort, sea state, temp, etc.) P/c, wind 5-12kts, sea 2-3

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES **NO**

Note biological samples:

Port Draghead	<u>OK</u>	Deflector	<u>OK</u> <u>OK</u>
Stbd Draghead		Deflector	
Fore			
Mid			
Aft			
Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK</u> <u>OK</u>
Stbd Overflow, Primary		Secondary	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07 / 31 / 02

Load # 95 | 96 Start 1244 | 1353 End 1328 | 1435 Dump 1343 | 1450

Location (lat/long, stations) 10 Tide Stage 1.1

Weather (wind dir, beaufort, sea state, temp, etc.) 5 winds 5KTS - 2' SEAS 97°

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead		Deflector	
Stbd Draghead	OK	Deflector	OK
Fore			
Mid	OK		OK
Aft			
Port Overflow, Primary	N/A	Secondary	OK
Stbd Overflow, Primary		Secondary	OK

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07/31/02

Load # 97/98 Start 1459/1609 End 1544/1655 Dump 1559/1711

Location (lat/long, stations) 10 34-32 Buoy Tide Stage 0.8

Weather (wind dir, beaufort, sea state, temp, etc.) 5 winds 10KTS 2' seas 96' Hot

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead		Deflector	<u>OK</u>	<u>OK</u>
Stbd Draghead	<u>OK</u>	Deflector	<u>OK</u>	<u>OK</u>
Fore				
Mid	<u>OK</u>			
Aft				
Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK</u>	<u>OK</u>
Stbd Overflow, Primary		Secondary		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07/31/02

Load # 99 | 100 Start 1720 | 1831 End 1807 | 1917 Dump 182 | 1937

Location (lat/long, stations) 10 Tide Stage 1.0

Weather (wind dir, beaufort, sea state, temp, etc.) SWINDS 10KTS 2' SEAS - 94°

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK</u>	<u>OK</u>
Stbd Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK</u>	<u>OK</u>
Fore					
Mid	<u>OK</u>	<u>OK</u>			
Aft					
Port Overflow, Primary	<u>N/A</u>		Secondary	<u>OK</u>	<u>OK</u>
Stbd Overflow, Primary			Secondary		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07/31/02

Load # 101 | 102 Start 1948 | 2114 End 2046 | 2206 Dump 2102 | 2224

Location (lat/long, stations) 10 Tide Stage 1.3

Weather (wind dir, beaufort, sea state, temp, etc.) SW winds 10KTS - 2' SEAS 94°

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead		Deflector	
Stbd Draghead	<u>OK</u>	Deflector	<u>OK OK</u>
Fore			
Mid	<u>OK</u>		<u>OK</u>
Aft			
Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK OK</u>
Stbd Overflow, Primary		Secondary	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 07/31/02

08/01/02

Load # 103 | 104 Start 2235 | 0000 End 2332 | 0125 Dump 2244 | 0134

Location (lat/long, stations) 10 Tide Stage 1.5

Weather (wind dir, beaufort, sea state, temp, etc.) SW winds 10 KTS - 2' SEAS 93°

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK</u> <u>OK</u>
Stbd Draghead			Deflector	
Fore				
Mid				
Aft				
Port Overflow, Primary	<u>N/A</u>		Secondary	<u>OK</u> <u>OK</u>
Stbd Overflow, Primary			Secondary	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 01 / 02

Load # 105 / 106 Start 0149 / 0430 End 0405 / 0602 Dump 0416 / 0615

Location (lat/long, stations) 5700 - 10700 Tide Stage 1.7

Weather (wind dir, beaufort, sea state, temp, etc.) Plc, wind 5-10kts, sea 2-3'

Water Temp., Surface 87 Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK / OK</u>
Stbd Draghead			Deflector	
Fore				
Mid				
Aft				

Port Overflow, Primary N/A Secondary OK / OK

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 01 / 02

Load # 107 | 108 Start 0630 | ~~0630~~ 0745 End 0718 | 0843 Dump 0728 | 0858

Location (lat/long, stations) ~~10°00~~ 10°00 - 15°00 Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) P/C, wind 5-10kts, sea 2-3

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK</u>	<u>OK</u>
Stbd Draghead			Deflector	<u>OK</u>	<u>OK</u>
Fore					
Mid	<u>OK</u>	<u>OK</u>			
Aft					
Port Overflow, Primary	<u>N/A</u>		Secondary	<u>OK</u>	<u>OK</u>
Stbd Overflow, Primary			Secondary		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 01 / 02

Load # 109 | 110 Start 0912 | 1644 End 0946 | 1853 Dump 1081 | 1912

Location (lat/long, stations) 9 Tide Stage 1.6

Weather (wind dir, beaufort, sea state, temp, etc.) SW winds 5KTS - 1' SEAS 98°

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead		Deflector	<u>OK</u>	<u>OK</u>
Stbd Draghead	<u>OK</u>	Deflector	<u>OK</u>	<u>OK</u>
Fore				
Mid	<u>OK</u>			
Aft				
Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK</u>	<u>OK</u>
Stbd Overflow, Primary		Secondary		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 10 / 02

Load # 111 | 112 Start 1922 | 2234 End 2202 | 2400 Dump 2220 | 0 LRS

Location (lat/long, stations) 5 WINDS 5 KTS - 2' SEAS Tide Stage 1.4 → 2.4

Weather (wind dir, beaufort, sea state, temp, etc.) ↓ 10

Water Temp., Surface 87° Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	Deflector	<u>OK OK</u>
Stbd Draghead	<u>OK</u>	Deflector	<u>OK OK</u>
Fore			
Mid			
Aft			
Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK OK</u>
Stbd Overflow, Primary		Secondary	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 02 / 02

Load # 113 | 114 Start 0220 | 0515 End 0448 | 0742 Dump 0500 | 0752

Location (lat/long, stations) 5°00' - 10°00' Tide Stage 1.9

Weather (wind dir, beaufort, sea state, temp, etc.) Clear, wind S-10kts, sea 1'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	Deflector	<u>OK</u>	<u>OK</u>
Stbd Draghead		Deflector		
Fore				
Mid				
Aft				

Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK</u>	<u>OK</u>
Stbd Overflow, Primary		Secondary		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.).

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>[Signature]</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08/02/02

Load # 115 | 116 Start 0807 | 0916 End 0850 | 1017 Dump 0900 | 1030

Location (lat/long, stations) 15°00' - 20°00' Tide Stage 2.0

Weather (wind dir, beaufort, sea state, temp, etc.) P/c, wind S-10kts, sea 1'

Water Temp., Surface 87° Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK</u>	<u>OK</u>
Stbd Draghead			Deflector		
Fore					
Mid					
Aft					
Port Overflow, Primary	<u>N/A</u>		Secondary	<u>OK</u>	<u>OK</u>
Stbd Overflow, Primary			Secondary		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 02 / 02

Load # 117 | 118 Start 1048 | 1155 End 1133 | 1232 Dump 1141 | 1241

Location (lat/long, stations) 8 Tide Stage 1.7

Weather (wind dir, beaufort, sea state, temp, etc.) SW wind 5KTS - 1' SEAS 97° Humid

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead _____ Deflector OK | OK

Stbd Draghead OK _____ OK _____ Deflector OK | OK

Fore _____

Mid OK _____ OK _____

Aft _____

Port Overflow, Primary n/a _____ Secondary OK | OK

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.).

Bridge Watch Summary

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

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 02 / 02

Load # 119 | 120 Start 1255 | 1358 End 1334 | 1442 Dump 1343 | 1451

Location (lat/long, stations) 19 Tide Stage 1.0

Weather (wind dir, beaufort, sea state, temp, etc.) SW Wind 5 KTS - SEAS Calm 97° Hot

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Table with columns for Port Draghead, Stbd Draghead, Fore, Mid, Aft, Port Overflow, Primary, Secondary, Stbd Overflow, Primary, Secondary. Includes handwritten 'OK' and 'N/A' entries.

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Table with columns: Species, # of Animals, Time/ Location/ Comments

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 02 / 02

Load # 121 / 122 Start 1504 / 1647 End 1622 / 1816 Dump 1631 / 1826

Location (lat/long, stations) 9 Tide Stage 04

Weather (wind dir, beaufort, sea state, temp, etc.) wind SW 10KTS - 2' seas 96° Humid

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead _____ Deflector OK / OK

Stbd Draghead OK / OK Deflector OK / OK

Fore _____

Mid OK / OK

Aft _____

Port Overflow, Primary N/A Secondary OK / OK

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 02 / 02

Load # 123 / 124 Start 1839 / 2043 End 2019 / 2230 Dump 2029 / 2241

Location (lat/long, stations) 9 Tide Stage 04

Weather (wind dir, beaufort, sea state, temp, etc.) SW wind 10KTS 2' SEAS 95° Hot

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	OK	OK	Deflector	OK	OK
Stbd Draghead			Deflector		
Fore					
Mid	OK	OK			
Aft					
Port Overflow, Primary	N/A		Secondary	OK	OK
Stbd Overflow, Primary			Secondary		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / ~~02~~ / 02
03

Load # 125 | 126 Start 2257 | 0144 End 0120 | 0414 Dump 0130 | 0423

Location (lat/long, stations) 9 Tide Stage 1.4

Weather (wind dir, beaufort, sea state, temp, etc.) SW winds 10KTS - 2' SEAS 93

partly cloudy Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>		Deflector	<u>OK OK</u>
Stbd Draghead			Deflector	
Fore				
Mid				
Aft				

Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK OK</u>
Stbd Overflow, Primary		Secondary	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.).

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 03 / 02

Load # 127 | 128 Start 0438 | 0532 End 0509 | 0611 Dump 0518 | 0621

Location (lat/long, stations) 15°00' - 20°00' Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) M/C, wind 5 KTS, sea 1'

Water Temp., Surface 87° Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	Deflector	<u>OK</u>
Stbd Draghead	<u>OK</u>	Deflector	<u>OK</u>
Fore			
Mid			
Aft			
Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK</u>
Stbd Overflow, Primary		Secondary	<u>OK</u>

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>[Signature]</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 03 / 02

Load # 129 | 130 Start 0636 | 0744 End 0720 | 0838 Dump 0730 | 0847

Location (lat/long, stations) 15+00 - 20+00 - 25+00 Tide Stage 2.3

Weather (wind dir, beaufort, sea state, temp, etc.) PLG, wind 5-10KTS, sea 1'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>		Deflector	<u>OK</u> <u>OK</u>
Stbd Draghead			Deflector	
Fore				
Mid				
Aft				

Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK</u> <u>OK</u>
Stbd Overflow, Primary		Secondary	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>[Signature]</u>	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08/02/02

Load # 131 | 132

Start 0901 | 1018

End 0950 | 1116

Dump 1000 | 1126

Location (lat/long, stations) 20° - 25°

Tide Stage 2.0

Weather (wind dir, beaufort, sea state, temp, etc.) 16 wind 5kts, sea 1'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	Deflector	<u>OK</u> <u>OK</u>
Stbd Draghead	<u>OK</u>	Deflector	<u>OK</u> <u>OK</u>
Fore			
Mid	<u>OK</u>		
Aft			
Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK</u> <u>OK</u>
Stbd Overflow, Primary		Secondary	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 03 / 02

Load # 133 | 134 Start 1144 | 1236 End 1213 | 1407 Dump 1221 | 1415

Location (lat/long, stations) 9 Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) _____

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead		Deflector	<u>OK</u>	<u>OK</u>
Stbd Draghead	<u>OK</u>	Deflector	<u>OK</u>	<u>OK</u>
Fore				
Mid	<u>OK</u>			
Aft				
Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK</u>	<u>OK</u>
Stbd Overflow, Primary		Secondary		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>(scribble)</u>		

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 03 / 02

Load # 135 / 136 Start 1429 / 1624 End 1600 / 1749 Dump 1609 / 1801

Location (lat/long, stations) 9 Tide Stage 1.60

Weather (wind dir, beaufort, sea state, temp, etc.) SW 15 KTS - 3' SEAS 98° Hot Humid

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK</u>	<u>OK</u>
Stbd Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK</u>	<u>OK</u>
Fore					
Mid	<u>OK</u>	<u>OK</u>			
Aft					
Port Overflow, Primary	<u>N/A</u>		Secondary	<u>OK</u>	<u>OK</u>
Stbd Overflow, Primary			Secondary		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 03 / 02

Load # 137 / 138 Start 1816 / 2028 End 2003 / 2212 Dump 2013 / 2222

Location (lat/long, stations) 9 10-15 Tide Stage 1.1

Weather (wind dir, beaufort, sea state, temp, etc.) SW 10 KTS - 2' SEAS 96° Humid

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead _____ Deflector OK / OK

Stbd Draghead OK _____ OK Deflector OK / OK

Fore _____

Mid OK _____ OK

Aft _____

Port Overflow, Primary _____ Secondary OK / OK

Stbd Overflow, Primary N/A _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / ~~08~~ / 02

Load # 139 | 140 Start 2240 ⁰⁴ 0107 End 0044 | 0346 Dump 0052 | 0354

Location (lat/long, stations) 9 10-15 Tide Stage 2.8 → 2.9

Weather (wind dir, beaufort, sea state, temp, etc.) SW winds SKTS - 2' SEAS 94D HOT

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	Deflector	<u>OK</u> <u>OK</u>
Stbd Draghead	<u>OK</u>	Deflector	<u>OK</u> <u>OK</u>
Fore			
Mid			
Aft			
Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK</u> <u>OK</u>
Stbd Overflow, Primary	<u>N/A</u>	Secondary	<u>OK</u> <u>OK</u>

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>g</u>		

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 04 / 02

Load # 141 | 142 Start 0408 | 0600 End 0536 | 0753 Dump 0546 | 0808

Location (lat/long, stations) 15°-20° Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy, wind 8-12KTS, sea 1-2

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>		Deflector	<u>OK</u>		<u>OK</u>
Stbd Draghead			Deflector			<u>OK</u>
Fore						
Mid						
Aft						

Port Overflow, Primary n/a Secondary OK | OK

Stbd Overflow, Primary _____ Secondary _____ | _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>[Signature]</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 07 / 02

Load = 143 | 144 Start 0824 | 0932 End 0927 | 1012 Dump 0916 | 1022

Location (lat/long, stations) 20⁰⁰ - 25⁰⁰ Tide Stage 2.91

Weather (wind dir, beaufort, sea state, temp, etc.) M/C, wind 10-15 KTS, sea 1-2'

Water Temp., Surface 87 Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>		Deflector	<u>OK</u>	<u>OK</u>
Stbd Draghead			Deflector	<u>OK</u>	<u>OK</u>
Fore					
Mid					
Aft					

Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK</u>	<u>OK</u>
Stbd Overflow, Primary		Secondary		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.).

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>J</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 04 / 02

Load # 145 | 146 Start 1042 | 1159 End 1135 | 1241 Dump 1143 | 1250

Location (lat/long, stations) 20°00' - 25°00' 7 Tide Stage 2.6

Weather (wind dir, beaufort, sea state, temp, etc.) Plc, wind 5-10 kts, sec 1-2'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK</u>	<u>OK</u>
Stbd Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK</u>	<u>OK</u>
Fore					
Mid	<u>OK</u>	<u>OK</u>			
Aft					
Port Overflow, Primary	<u>N/A</u>		Secondary	<u>OK</u>	<u>OK</u>
Stbd Overflow, Primary			Secondary		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.).

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08/04/02

Load # 147/148 Start 1303/1517 End 1453/1851 Dump 1501/1900

Location (lat/long, stations) 9-15-20 Tide Stage 2.3

Weather (wind dir, beaufort, sea state, temp, etc.) Wind SE 10 KTS - 2 SEAS - 98° OVERCAST

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Table with columns for Port Draghead, Stbd Draghead, Fore, Mid, Aft, Port Overflow, Primary, Stbd Overflow, Primary, Secondary, Deflector, and OK/NO status.

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Table with columns for Species, # of Animals, and Time/ Location/ Comments.

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08/04/02

Load = 149 | 150

Start 1916 | 2253 End 2230 0003

Dump 2238 | 0012

Location (lat/long, stations) 9-~~00-00~~ 10-15

Tide Stage ~~1.8~~ 1.8 → 2.2

Weather (wind dir, beaufort, sea state, temp, etc.) NW wind 10 KTS - 2' SEAS partly cloudy 93°

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	Deflector	<u>OK</u>
Stbd Draghead		Deflector	
Fore			
Mid			
Aft			

Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK</u>
Stbd Overflow, Primary		Secondary	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.).

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>[scribble]</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 05 / 02

Load # 151 | 152 Start 0032 | 0347 End 0317 | 0559 Dump 0329 | 0613

Location (lat/long, stations) ~~18° 15' N 090° 00' W~~ 20+00 - 25+00 Tide Stage 2.9 → 3.1

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy, wind 5-10 KTS, sea 1'

Water Temp., Surface 87° Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>		Deflector	<u>OK</u> <u>OK</u>
Stbd Draghead			Deflector	
Fore				
Mid				
Aft				
Port Overflow, Primary	<u>N/A</u>		Secondary	<u>OK</u> <u>OK</u>
Stbd Overflow, Primary			Secondary	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>[Signature]</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 05 / 02

Load #: 153 | 154 Start 0636 | 0735 End 0722 | 0843 Dump 0736 | 0835

Location (lat/long, stations) 25+00 - 30+00 Tide Stage 2.7 -> 2.7

Weather (wind dir, beaufort, sea state, temp, etc.) M/C, wind 10-15 kts, sea 1-2' w/swell

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK</u> <u>OK</u>
Stbd Draghead			Deflector	
Fore				
Mid				
Aft				

Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK</u> <u>OK</u>
Stbd Overflow, Primary		Secondary	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 105 1 02

Load # 155 | 156 Start 0912 | 1034 End 1002 | 1117 Dump 1013 | 1128

Location (lat/long, stations) 25+00 - 30+00 Tide Stage 2.4

Weather (wind dir, beaufort, sea state, temp, etc.) P/c, wind 5-10kts, sea 1-2'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK</u>	<u>OK</u>
Stbd Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK</u>	<u>OK</u>
Fore					
Mid	<u>OK</u>	<u>OK</u>			
Aft					
Port Overflow, Primary	<u>n/a</u>		Secondary	<u>OK</u>	<u>OK</u>
Stbd Overflow, Primary			Secondary		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 05 / 02

Load # 157 | 158 Start 1149 | 1241 End 1213 | 1508 Dump 1224 | 1517

Location (lat/long, stations) 25-30-6 Tide Stage 2.7

Weather (wind dir, beaufort, sea state, temp, etc.) Wind CALM - SEAS 1' - 98° HOT

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK</u>	<u>OK</u>
Stbd Draghead			Deflector		
Fore					
Mid	<u>OK</u>	<u>OK</u>			
Aft					
Port Overflow, Primary	<u>N/A</u>		Secondary	<u>OK</u>	<u>OK</u>
Stbd Overflow, Primary			Secondary		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 165 1 02

Load # 159 | 160 Start 1537 | 1720 End 1652 | 1902 Dump 1704 | 1915

Location (lat/long, stations) 6-25-30 Tide Stage 2.1

Weather (wind dir, beaufort, sea state, temp, etc.) variable wind calm. 1' SEAS 95° Humid

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK Deflector OK

Stbd Draghead OK Deflector OK

Fore

Mid OK OK

Aft

Port Overflow, Primary n/a Secondary OK OK

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.).

Bridge Watch Summary

Table with 3 columns: Species, # of Animals, Time/ Location/ Comments. Contains a large circled zero in the Species column.

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 05 / 02

Load # 161 / 162 Start 1933 / 2141 End 2108 / 2315 Dump 2120 / 2328

Location (lat/long, stations) 6-25-30 Tide Stage 1.7

Weather (wind dir, beaufort, sea state, temp, etc.) NW SKTS - 2' SEAS - 94° Humid

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK Deflector OK
Stbd Draghead OK Deflector OK
Fore
Mid OK OK
Aft
Port Overflow, Primary n/a Secondary OK OK
Stbd Overflow, Primary n/a Secondary OK OK

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Table with 3 columns: Species, # of Animals, Time/ Location/ Comments. Includes a circled '0' in the Species column.

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08/06/02

Load = 163 | 164

Start 0000 | 0143 End 0114 | 0413

Dump 0126 | 0425

Location (lat/long, stations) ~~30+00~~ 30+00 - 35+00

Tide Stage 2.5 -> 2.9

Weather (wind dir, beaufort, sea state, temp, etc.) Clear, wind 5-10kts, sea 1-2'

Water Temp., Surface 87° Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	OK	Deflector	OK OK
Stbd Draghead		Deflector	
Fore			
Mid			
Aft			
Port Overflow, Primary	N/A	Secondary	OK OK
Stbd Overflow, Primary		Secondary	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

getting clay now

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 06 / 02

Load # 165 | 166 Start 0442 | 0640 End 0610 | 0826 Dump 0620 | 0828

Location (lat/long, stations) 30⁺⁰⁰ - 35⁺⁰⁰ Tide Stage 2.9 → 2.2

Weather (wind dir, beaufort, sea state, temp, etc.) cloudy, wind 15-20 kts, sea 2-4'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK</u>	<u>OK</u>
Stbd Draghead			Deflector		
Fore					
Mid					
Aft					

Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK</u>	<u>OK</u>
Stbd Overflow, Primary		Secondary		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 06 / 02

Load # 167 | 168 Start 0856 | 1048 End 1018 | 1240 Dump 1031 | 1252

Location (lat/long, stations) 30° - 32° 00' Tide Stage 2.27 → 2.37

Weather (wind dir, beaufort, sea state, temp, etc.) Plc, wind 10-15 KTS, sea 2-4'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK</u>	<u>OK</u>
Stbd Draghead			Deflector		
Fore					
Mid	<u>✓</u>	<u>OK</u>			
Aft					
Port Overflow, Primary	<u>N/A</u>		Secondary	<u>OK</u>	<u>OK</u>
Stbd Overflow, Primary			Secondary		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.).

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 06 / 02

Load # 169 | 170 Start 1308 | 1525 End 1456 | 1700 Dump 1506 | 1712

Location (lat/long, stations) 5-30-35 Tide Stage 2.1

Weather (wind dir, beaufort, sea state, temp, etc.) NW SKYS - SEAS 2' - 98° Hot Humid

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK | OK Deflector OK | OK

Stbd Draghead _____ Deflector _____

Fore _____

Mid OK | OK

Aft _____

Port Overflow, Primary N/A Secondary OK | OK

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 06 / 02

Load # 171 | 172 Start 1729 | 1936 End 1909 | 2115 Dump 1921 | 2128

Location (lat/long, stations) 4-35-40 Tide Stage .50

Weather (wind dir, beaufort, sea state, temp, etc.) Wind NW 5 KTS - 2' SEAS P.C. 95°

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK</u>	<u>OK</u>
Stbd Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK</u>	<u>OK</u>
Fore					
Mid	<u>OK</u>	<u>OK</u>			
Aft					
Port Overflow, Primary	<u>N/A</u>		Secondary	<u>OK</u>	<u>OK</u>
Stbd Overflow, Primary			Secondary		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.).

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 06 / 02

Load # 173 | 174 Star 2145 | 2358 End 2327 | 0153 Dump 2340 | 0204

Location (lat/long, stations) 4 - 35 - 40 Tide Stage ~~1.7~~ .7

Weather (wind dir, beaufort, sea state, temp, etc.) NW wind 5KTS - 2' SEAS - PC 94°

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>		Deflector	<u>OK</u> <u>OK</u>
Stbd Draghead			Deflector	
Fore				
Mid				
Aft				
Port Overflow, Primary	<u>N/A</u>		Secondary	<u>OK</u> <u>OK</u>
Stbd Overflow, Primary			Secondary	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):
Forward gate bent. Sample % reduced to 0. Needs repair.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>[Signature]</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 07 / 02

Load # 175 | 176 Start 0220 | 0428 End 0430 | 0604 Dump 0411 | 0618

Location (lat/long, stations) 42°-45' N Tide Stage 2.84 →

Weather (wind dir, beaufort, sea state, temp, etc.) m/cldy, wind 5-10KTS, sea 2-3

Water Temp., Surface 87 Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Table with columns for Port Draghead, Stbd Draghead, Fore, Mid, Aft, Port Overflow, Primary, Stbd Overflow, Primary, Secondary, Deflector, and OK/NO status.

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.).

Bridge Watch Summary

Table with columns: Species, # of Animals, Time/ Location/ Comments

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 07 / 02

Load # 177 | 178 Start 0627 | 0905 End 0849 | 1014 Dump 0843 | 1028

Location (lat/long, stations) 40°00' - 45°00' - 50°00' Tide Stage 2.6 → 2.3

Weather (wind dir, beaufort, sea state, temp, etc.) m/cloudy, wind S-10KTS, sea 2-3'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK Deflector OK | OK

Stbd Draghead _____ Deflector _____

Fore _____

Mid _____

Aft _____

Port Overflow, Primary N/A Secondary OK | OK

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 07 / 02

Load # 179 | 180 Start 1047 | 1313 End 1236 | 1452 Dump 1250 | 1502

Location (lat/long, stations) 3-40-45 Tide Stage 2.5

Weather (wind dir, beaufort, sea state, temp, etc.) NE 10 KTS - 3' SEAS P.C. 94°

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK</u>	<u>OK</u>
Stbd Draghead			Deflector		
Fore					
Mid	<u>OK</u>	<u>OK</u>			
Aft					
Port Overflow, Primary	<u>N/A</u>		Secondary	<u>OK</u>	<u>OK</u>
Stbd Overflow, Primary			Secondary		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

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

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08/07/02

Load # 181/182 Start 1524/1725 End 1654/1901 Dump 1705/1915

Location (lat/long, stations) 2-45-50 Tide Stage 1.60

Weather (wind dir, beaufort, sea state, temp, etc.) NE 10KTS-3' SEAS P.C. 93°

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK</u>	<u>OK</u>
Stbd Draghead	<u>OK</u>		Deflector	<u>OK</u>	<u>OK</u>
Fore	<u>OK</u>	<u>OK</u>			
Mid					
Aft					
Port Overflow, Primary	<u>N/A</u>		Secondary	<u>OK</u>	<u>OK</u>
Stbd Overflow, Primary			Secondary		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 10 07 02

Load # 183/184

Start 1935/2/46

End 2113/1009

Dump 2128/0022

Location (lat/long, stations) 2-45-50

Tide Stage 0.6

Weather (wind dir, beaufort, sea state, temp, etc.) NE 5 KTS - 2' SEAS - PC 93°

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead ok Deflector ok
Stbd Draghead ok Deflector ok
Fore
Mid
Aft
Port Overflow, Primary N/A Secondary ok
Stbd Overflow, Primary N/A Secondary ok

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Table with 3 columns: Species, # of Animals, Time/ Location/ Comments

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 08 / 02

Load #. 185/886 Start 0041 / 0314 End 0245 / 0540 Dump 0256 / 0553

Location (lat/long, stations) 43-200 - 5-2500 Tide Stage 2.1 -> 1.1

Weather (wind dir, beaufort, sea state, temp, etc.) M-P/cloudy, wind 5-12 KTS, sea 2-3'

Water Temp., Surface 87° Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	Deflector	<u>OK</u>
Stbd Draghead	<u>OK</u>	Deflector	<u>OK</u>
Fore			
Mid			
Aft			

Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK</u>
Stbd Overflow, Primary	<u>N/A</u>	Secondary	<u>OK</u>

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>(scribble)</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08/08/02

Load # 187 / 188 Start 0650 / 0818 End 0747 / 0912 Dump 0800 / 0920

Location (lat/long, stations) Section 1 Tide Stage 3 -> 2.6

Weather (wind dir, beaufort, sea state, temp, etc.) P/C, wind 5-40 kts, sea 2-3'

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK Deflector OK / OK

Stbd Draghead OK Deflector OK / OK

Fore

Mid

Aft

Port Overflow, Primary N/A Secondary OK / OK

Stbd Overflow, Primary N/A Secondary OK / OK

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Table with 3 columns: Species, # of Animals, Time/ Location/ Comments. Includes a handwritten signature in the Species column.

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 08 / 02

Load # 189 / 190 Start 0938 / 1058 End 1026 / 1156 Dump 1038 / 1204

Location (lat/long, stations) Section 1 Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) PLC, wind S-10KTS, sea 2-4'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK / OK Deflector OK / OK

Stbd Draghead _____ Deflector _____

Fore _____

Mid OK

Aft _____

Port Overflow, Primary N/A Secondary OK / OK

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>[Signature]</u>	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 108 102

Load # 191 / 192 Start 1222 / 1322 End 1300 / 1558 Dump 1308 / 1606

Location (lat/long, stations) / Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE SKYS-2 SEAS PG 95°

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK OK Deflector OK OK

Stbd Draghead OK OK Deflector OK OK

Fore

Mid OK OK

Aft

Port Overflow, Primary N/A Secondary OK OK

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Table with 3 columns: Species, # of Animals, Time/ Location/ Comments

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 13 / 02

Load # 229/230 Start 0632/0930 End 0830/1104 Dump 0846/1117

Location (lat/long, stations) 1-80-85.5-30-35 Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) SE 15 KTS - 4' SEAS - P.C. 930

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK / OK Deflector OK / OK

Stbd Draghead _____ Deflector _____

Fore _____

Mid OK / OK

Aft _____

Port Overflow, Primary N/A Secondary OK / OK

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08/13/02

Load # 231 Start 1208 End 1404 Dump 1413

Location (lat/long, stations) 1-80-85 Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) SE 15 KTS - 4' SEAS - PC 90°

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK | OK Deflector OK | OK

Stbd Draghead _____ | _____ Deflector _____ | _____

Fore _____

Mid OK | OK

Aft _____

Port Overflow, Primary N/A Secondary OK | OK

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.),

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>(scribble)</u>	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 13 / 02

Load # 229 | 230 Start 0632 | 0930 End 0830 Dump 0840

Location (lat/long, stations) 80°00' - 86°00' + 30°00' - 35°00' Tide Stage 2.2 → 2.4

Weather (wind dir, beaufort, sea state, temp, etc.) M/c, wind 10-15 kts, Sea 3-4'

Water Temp., Surface 87° Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK Deflector _____
Stbd Draghead _____ Deflector X
Fore _____
Mid _____
Aft _____

Port Overflow, Primary N/A Secondary _____
Stbd Overflow, Primary _____ Secondary OK

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.).

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 13 / 02

Load 227 | 228 Start 2212 | 0249 End 0219 | 0538 Dump 0228 | 0548

Location (lat/long, stations) 1-80-85 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) South 12 KTS - 3 SEAS - RAINY - 90°

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK Deflector OK
Stbd Draghead Deflector OK
Fore
Mid
Aft

Port Overflow, Primary n/a Secondary OK
Stbd Overflow, Primary Secondary OK

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.)

Bridge Watch Summary

Table with 3 columns: Species, # of Animals, Time/ Location/ Comments

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 12 / 02

Load # 225 | 226 Start 1436 | 1724 End 1633 | 2145 Dump 1644 | 2155

Location (lat/long, stations) 4-35-40 -1-80-85 Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) SOUTH 15 KTS - 4' SEAS - P.C. 90°

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK</u>	<u>OK</u>
Stbd Draghead			Deflector		
Fore					
Mid	<u>OK</u>	<u>OK</u>			
Aft					
Port Overflow, Primary	<u>n/a</u>		Secondary	<u>OK</u>	<u>OK</u>
Stbd Overflow, Primary			Secondary		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.).

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 11 / 02

Load # 217 | 218 Start 0534 | 1020 End 0918 | 1310 Dump 0934 | 1318

Location (lat/long, stations) 40°30' - 40°40' + 80°30' - 86°00' Tide Stage 2.6

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy, wind 10-20kts, Sea 4-6'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK</u>	<u>OK</u>
Stbd Draghead			Deflector		
Fore					
Mid					
Aft		<u>OK</u>			
Port Overflow, Primary	<u>X</u>	<u>n/a</u>	Secondary	<u>OK</u>	<u>OK</u>
Stbd Overflow, Primary			Secondary		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.)

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>(scribble)</u>		

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 11 / 02

Load = 219 | 220 Start 1333 | 1649 End 1626 | 2038 Dump 1634 | 2046

Location (lat/long, stations) 1-80-85 Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) EAST 12 KTS - 4' SEAS 93° F.C.

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK / OK Deflector OK / OK

Stbd Draghead _____ Deflector _____

Fore _____

Mid OK / OK

Aft _____

Port Overflow, Primary n/a Secondary OK / OK

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.)

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 10th 02

Load = 211 | 212 Start 0615 | 1107 End 0926 | 1409 Dump 0947 | 1417

Location (lat/long, stations) 48°00' - 50°00' Tide Stage 3.7

Weather (wind dir, beaufort, sea state, temp, etc.) PLC, wind 10-20kts, sea 4-6'

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK</u>	<u>OK</u>
Stbd Draghead			Deflector		
Fore					
Mid		<u>OK</u>			
Aft					

Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK</u>	<u>OK</u>
Stbd Overflow, Primary		Secondary		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.).

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>[Signature]</u>		

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 10 / 02

Load: 209 / 210 Start: 2218 / 0224 End: 0157 / 0528 Dump: 0205 / 2539

Location (lat/long, stations): 1 80+00 - 86+00 Tide Stage: 2.4

Weather (wind dir, beaufort, sea state, temp, etc.): SE 15 KTS - 4' SEAS P.C. 92°

Water Temp., Surface: 87° Below Mid-Depth: _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK</u>	<u>OK</u>
Stbd Draghead			Deflector		
Fore	<u>✓</u>	<u>✓</u>			
Mid					
Aft					

Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK</u>	<u>OK</u>
Stbd Overflow, Primary		Secondary		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.).

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B. E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 09 / 02

Load 207 / 208 Start 1752 / 2005 End 1943 / 2150 Dump 1951 / 2159

Location (lat/long, stations) 1 Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) SE 15 KTS 4' SEAS 92° PC

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK / OK Deflector OK / OK

Stbd Draghead _____ Deflector _____

Fore _____

Mid OK / OK

Aft _____

Port Overflow, Primary N/A Secondary OK / OK

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.)

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08/09/02

Load: 205 | 206

Start: 1352 | 1351

End: 1527 | 1728

Dump: 1536 | 1738

Location (lat/long, stations) 1

Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) EAST SKTS - 1' SEAS - 96° Humid

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK | OK Deflector OK | OK

Stbd Draghead _____ Deflector _____

Fore _____

Mid OK | OK

Aft _____

Port Overflow, Primary N/A Secondary OK | OK

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.).

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 09 / 02

Load = 203 | 204 Start 0734 | 1152 End 1050 | 1326 Dump 1108 | 1335

Location (lat/long, stations) Sta: 45⁰⁰ - 50⁰⁰ & 80⁰⁰ - 86⁰⁰ Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) OK, wind 5 kts, sea -

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK / OK Deflector OK / OK

Stbd Draghead _____ Deflector _____

Fore _____

Mid _____

Aft _____

Port Overflow, Primary N/A Secondary OK / OK

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 09 / 02

Load # 199 | 200 Start 0114 | 0236 End 0213 | 0406 Dump 0222 | 0414

Location (lat/long, stations) Sec: 1 Tide Stage 2.0 - 2.0

Weather (wind dir, beaufort, sea state, temp, etc.) Plc, wind 5 knots, sea

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>		Deflector	<u>OK</u> <u>OK</u>
Stbd Draghead			Deflector	
Fore				
Mid				
Aft				

Port Overflow, Primary	<u>N/A</u>	Secondary	<u>OK</u> <u>OK</u>
Stbd Overflow, Primary		Secondary	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.).

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson / Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 08 / 02

Load # 197 / 198

Start 2138 / 2259 End 2235 / 0049

Dum 2243 / 0057

Location (lat/long, stations) 1

Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE SIKTS - 1' SEAS - P.C. 930

Water Temp., Surface

Below Mid-Depth

Are there incidents involving endangered or protected species?

YES

NO

Note biological samples:

Port Draghead

OK

OK

Deflector

OK

OK

Stbd Draghead

Deflector

Fore

Mid

Aft

Port Overflow, Primary

N/A

Secondary

OK

OK

Stbd Overflow, Primary

Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species

of Animals

Time/ Location/ Comments

[Signature]

Observer(s) On Duty:

Andrew Jackson

Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08 / 08 / 02

Load # 195 / 196 Start 1855 / 2021 End 1959 / 2116 Dump 2008 / 2124

Location (lat/long, stations) 1 Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) EAST SKY'S 1'SEAS PC 92°

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead	<u>OK</u>	<u>OK</u>	Deflector	<u>OK</u>	<u>OK</u>
Stbd Draghead			Deflector		
Fore					
Mid	<u>OK</u>	<u>OK</u>			
Aft					
Port Overflow, Primary	<u>n/a</u>		Secondary	<u>OK</u>	<u>OK</u>
Stbd Overflow, Primary			Secondary		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.),

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>		

Observer(s) On Duty: Andrew Jackson Jim Dickey

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. Lindholm

Project: Sabine Pass, Texas

Date: 08/08/02

Load # 193 | 194
~~190~~ | ~~190~~

Start 1620 | 1727 End 1705 | 1831 Dump 1713 | 1841

Location (lat/long, stations) 1- Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) EAST SKYS - 1' SEAS - P.C. 95°

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK | OK Deflector OK | OK

Stbd Draghead _____ Deflector _____

Fore _____

Mid OK | OK

Aft _____

Port Overflow, Primary N/A Secondary OK | OK

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>Ø</u>	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) On Duty: Andrew Jackson | Jim Dickey