ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Sugar Island

Project York River Entrance Channel, Norfolk

Date: 8 / 24 / 98

Load # 1 Times: Start 0727 End 0805 Dump 0827

Location(lat/long) 432 100 — 480 100 Tide

Weather Clear Skies, WSW winds 15 kts, Seas 1-3 ft

H_2O Surf.Temp Time Below Mid-Depth Time C or F (circle one)

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

Port Draghead: — Deflector: —

Stbd Draghead: — Deflector: —

Port Discharge, Fore: NA

Port Discharge, Aft: ~~NA~~ 0

Stbd Discharge, Fore: NA

Stbd Discharge, Aft: 0

Port Overflow: 0

Stbd Overflow: 0

Comments:

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments

Observer(s) On Duty: Bahadur

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Sugar Island

Project York River Entrance Channel, Norfolk

Date: 8/25/98

Load # 2 Times: Start 1041 End 1111 Dump 1221

Location(lat/long) Stations 432+00 – 480+00 Tide

Weather Clear Skies, WSW winds 15 kts, Seas 1-2 ft

H_2O Surf.Temp 80 Time 1050 Below Mid-Depth 80 Time 1052 C or (F) (circle one)

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

Port Draghead: 1 teleost fish Deflector: —

Stbd Draghead: 0 Deflector: —

Port Discharge, Fore: Trash,

Port Discharge, Aft: 0 NA

Stbd Discharge, Fore: 2 horseshoe crabs

Stbd Discharge, Aft: 0 NA

Port Overflow:

Stbd Overflow:

Comments:

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments

Observer(s) On Duty: Bahadur

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge ~~York River Entrance Channel~~ Sugar Island

Project York River Entrance Channel

Date: 8/25/98

Load # 3 Times: Start 1355 End 1441 Dump 1621

Location(lat/long) Stations 432+00 — 480+00 648+00 — 668+00 Tide 548+00 — 578+00 (1.6ft)

Weather Clear Skies, light WSW winds 10kts, Seas 1-2ft

H_2O Surf.Temp 80 Time 1235 Below Mid-Depth 81 Time 1236 C or F (circle one)

Are there incidents involving endangered or protected species? Yes____ No ✓

Port Draghead: 0 Deflector: —

Stbd Draghead: 0 Deflector: —

Port Discharge, Fore: 3 Gastropods

Port Discharge, Aft: NA

Stbd Discharge, Fore: 1 Horseshoe crab

Stbd Discharge, Aft: NA

Port Overflow: 0

Stbd Overflow: 0

Comments:

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments

Observer(s) On Duty: Bahadur

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Sugar Island

Project York River Entrance Channel, Norfolk VA.

Date: 8/24/98

Load # 4 Times: Start_____ End_____ Dump_____

Location(lat/long) Stations 432+00 — 480+00 Tide_____

Weather Seas Calm, light Wind WSW, Clear Skies

H_2O Surf.Temp_____ Time_____ Below Mid-Depth_____ Time_____ C or F (circle one)

Are there incidents involving endangered or protected species? Yes____ No ✓

Port Draghead: 0 Deflector: —

Stbd Draghead: Deflector: —

Port Discharge, Fore:

Port Discharge, Aft:

Stbd Discharge, Fore:

Stbd Discharge, Aft:

Port Overflow:

Stbd Overflow:

Comments:

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
0			

Observer(s) On Duty: Bahadur

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Sugar Island

Project York River Entrance Channel, Norfolk

Date: 8/25/98

Load # 8 Times: Start 0615 End 0951 Dump 1104

Location(lat/long) Stations 432+00 – 480+00 Tide

Weather Pty Overcast. SW wind 15-20 kts, Seas 1-3 ft.

H_2O Surf.Temp 81 Time 1233 Below Mid-Depth 1233 Time 80 C or F (circle one)

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

Port Draghead: 0 Deflector: —

Stbd Draghead: 0 Deflector: —

Port Discharge, Fore: 1 Bottom flat fish

Port Discharge, Aft: 0 —

Stbd Discharge, Fore: 2 Horseshoe crabs, 1 conch

Stbd Discharge, Aft: —

Port Overflow: —

Stbd Overflow: —

Comments: Broken stbd. dragarm cable – caused delay in loading

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments

Observer(s) On Duty: Bahadur

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Sugar Island
Project York River Entrance Norfolk VA

Date: 8/25/98

Load # 9 Times: Start____ End____ Dump____

Location(lat/long) Stations 432+00 — 480+00 Tide____

Weather Clear Skies, SW and WSW wind 5-8 kts, Seas light 1-2 ft chop

H_2O Surf.Temp____ Time____ Below Mid-Depth____ Time____ C or F (circle one)

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

Port Draghead: 0 Deflector: —

Stbd Draghead: Deflector: —

Port Discharge, Fore:

Port Discharge, Aft:

Stbd Discharge, Fore:

Stbd Discharge, Aft:

Port Overflow:

Stbd Overflow: 0

Comments: Dredging ceases - dredge heads to dock - Hurricane Bonnie.

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
C. Caretta	1	0930	Near dump area

Observer(s) On Duty: Bahadur