ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01/17/95

Load# 1 Start 0938 End 1022 Dump 1156

Location 215+000 TO 340+000

Conditions CLEAR, RIVER 2, WIND NE, 15KT, 71°F Tide 0905 7.0

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead NOT CHECKED TED: —

Stbd Draghead CLR TED: OK

Port Discharge Box- CLAY SAND, 1 HORSESHOE CRAB.

Stbd Discharge Box- CLAY, SAND, 2 HORSE SHOE CRABS, TRASH

Comments: SOME TURSIOPS TRUNCATUS SIGHTED, SEE MAMMAL SHEET.

Observer(s) On Duty: CHRIS MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01/17/95

Load# 2 Start 1331 End 1430 Dump 1605

Location 215+000 TO 340+000

Conditions CLEAR, RIVER 1, WIND NE, 10KT, 63°F AIR TEMP Tide 1501 0.2

Are there incidents involving endangered or protected species?

Yes____ No X

Port Draghead Ø TED: OK

Stbd Draghead Ø TED: OK

Port Discharge Box- SAND, CLAY, SHELLS, 1 STARFISH.

Stbd Discharge Box- CLAY, SAND, SHELLS, LINE, SAND DOLLAR

Comments: OFFSHORE BOAT REPORTS TO USCGC LAUREL MOTHER & CALF RIGHT WHALES AT 30-29.08N 81-10.59 HEADED WEST (1315)

Observer(s) On Duty: CHRIS MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1 / 17 / 95

Load# 3 Start 17:35 End 18:50 Dump 21:12 21:22

Location

Conditions Tide

Are there incidents involving endangered or protected species?

Yes No X

Port Draghead TED:

Stbd Draghead TED:

Port Discharge Box- 0

Stbd Discharge Box- 0

Comments:

Observer(s) On Duty: S. DAVS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1 / 17 / 95

Load# 9 Start 23:25 End 018 Dump 0253-0302

Location Kings Bay Entrance

Conditions 56° Calm Sea 1-2 Tide

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead Ø TED: N/A

Stbd Draghead Ø TED: N/A

Port Discharge Box- Ø

Stbd Discharge Box- Ø

Comments:

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1 / 18 / 95

Load# 5 Start 05:16 End 06:10 Dump 0812

Location Kings Bay Entrance

Conditions 57° Calms Seas Tide 0308 0.01
HAZY, RIVER 2 WIND NE, 8KT, 72° F (1000)

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead Ø TED: N/A

Stbd Draghead Ø TED: N/A

Port Discharge Box- Ø CLAY SAND SHELLS

Stbd Discharge Box- Ø CLAY SAND SHELLS

Comments: MATERIAL: CLAY, SAND
BOTTOM DUMPED

Observer(s) On Duty: S. DAVIS / CHRIS MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01/18/95

Load# 6 Start 1014 End 1050 Dump 1345

Location 215+000 TO 340+000

Conditions CLEAR, RIVER OH, WIND NE 5-10KT, 62°F Tide 0943 7.0

Are there incidents involving endangered or protected species?

Yes____ No X

Port Draghead – TED:

Stbd Draghead – TED:

Port Discharge Box- CLAY, SAND, SHELLS, TRASH, JELLYFISH

Stbd Discharge Box- CLAY, SAND, SHELLS, TRASH

Comments: MATERIAL: SAND, CLAY, BOTTOM DUMPED
Port drag arm aft, cable strapped.

Observer(s) On Duty: CHRIS MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01/20/95

Load# 7 Start 1556 End 1726 Dump 1850

Location LINE#6 (215 FROM TO 340+000)

Conditions CLEAR, RIVER 1, WIND N, 10KT, TEMP 54°F Tide 1655 0.0

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead — TED: —

Stbd Draghead — TED: —

Port Discharge Box- CLAY (DID NOT COMPLETE INSPECTING CAGE, NOT ENOUGH TIME BEFORE NEXT DIG.

Stbd Discharge Box- STBD DRAG NOT USED - CAGE EMPTY

Comments: MATERIAL: CLAY, SAND
BOTTOM DUMPED -

Observer(s) On Duty: CHRIS MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1 / 20 / 95

Load# 8 Start 20:26 End 21:41 Dump 23:12 - 23:22

Location KINGS BAYS ENTRANCE

Conditions 36° NW winds 10-15 knots Sea 3-5 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ø TED: OK

Stbd Draghead Ø TED: OK

Port Discharge Box- Ø cage full of clay

Stbd Discharge Box- Ø

Comments: big amts of clay taking nearly two hours to clean one box

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1/21/95

Load# 9 Start 0035 End 0146 Dump 0313 0323

Location KINGS BAY ENTRANCE

Conditions 35 West Winds 10knots Seas 3-5 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ø TED: Ø

Stbd Draghead Ø TED: Ø

Port Discharge Box- Ø

Stbd Discharge Box- Ø

Comments: Lg Amounts of Clay

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1 / 21 / 95

Load# 10 Start 04:40 End 0608 Dump 0733

Location KINGS BAY ENTRANCE

Conditions 34° West Winds 10 knots Sea 3-5 52°F Tide 0517 0.2

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead — TED: OK

Stbd Draghead — TED: OK

Port Discharge Box- LOADED W/ CLAY

Stbd Discharge Box- — NOT USED

Comments: MATERIAL: SAND, CLAY
BOTTOM DUMPED

Observer(s) On Duty: CHRIS MASON, S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01/21/95

Load# 11 Start 0851 End 1013 Dump 1138

Location KINGS BAY

Conditions CLEAR, WNDNW, 10-18 KT, BEAUFORT 4 Tide 1144 6.6
TEMP 59°F

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead — TED: OK

Stbd Draghead — TED: OK

Port Discharge Box- CLAY, SHELLS, TRASH, LINE

Stbd Discharge Box- —

Comments: DREDGING W/ ONLY PORT DRAG ARM
MATERIAL: SAND & CLAY
BOTTOM DUMPED

Observer(s) On Duty: CHRIS MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01/21/95

Load# 12 Start 1255 End 1423 Dump 1543

Location KING'S BAY ENTRANCE

Conditions CLEAR, RIVER, WIND 10-20KT, SW, TEMP 58°F Tide 1739 0.0

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead — TED: OK

Stbd Draghead — TED: OK

Port Discharge Box- CLAY, SAND, SHELLS, TRASH

Stbd Discharge Box- NOT USED

Comments: MATERIAL: CLAY, MUD, SAND
BOTTOM DUMPED

Observer(s) On Duty: CHRIS MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1/21/95

Load# 13 Start 20:23 End 21:59 Dump 23:38-23:48

Location

Conditions 55° West Winds 10-15 knots 3-5 seas Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead 0 TED: ok

Stbd Draghead 0 TED: ok

Port Discharge Box- 0 Filled to top w/ Clay

Stbd Discharge Box- 0 Filled to top w/ Clay

Comments: Packed Clay will take at least 5 hrs to clear w/ only 1 person

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1/22/95

Load# 14 Start 0118 End 0215 Dump 335 0345

Location

Conditions 54° W winds 12 knots Seas 3-5 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead ⊘ TED: OK

Stbd Draghead ⊘ TED: OK

Port Discharge Box- Topped off w/ clay

Stbd Discharge Box- Full of clay

Comments: Port cage all cleaned
STBD 3/4 clean
Taking nearly 4 hrs

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01/22/95

Load# 15 Start 0541 End 0716 Dump 0849

Location KINGS BAY ENT.

Conditions CLR, RIVER 2, WIND W 10KT, TEMP 59°F Tide 0610 0.3

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead — TED: OK

Stbd Draghead — TED: OK

Port Discharge Box- FULL CLAY

Stbd Discharge Box- PACKED CLAY, FULL

Comments: MATERIAL: SAND & MUD, CLAY
BOTTOM DUMPED -

Observer(s) On Duty: CHRIS MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01/22/95

Load# 16 Start 1054 End 1227 Dump 1405

Location KINGS BAY

Conditions CLEAR, RIVER 2, WIND W, 12KT, TEMP 67°F Tide 1229 6.4

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead – TED: OK

Stbd Draghead – TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: MATERIAL: CLAY, MUD, SAND
BOTTOM DUMPED

LEAVING PORT CAGE OPEN FOR NEXT DIG.

Observer(s) On Duty: CHRIS MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01 / 22 / 95

Load# 17 Start 1545 End 1647 Dump 1834

Location KINGS BAY

Conditions CLEAR, LIVERI, WIND NW, 10 KT, 60°F Tide 1829 0.1

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead — TED: OK

Stbd Draghead — TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: MATERIAL: HARD PACKED CLAY, MUD, SAND
BOTTOM DUMPED

SHELLS, TRASH, LINE, WOOD ALSO IN LOAD

Observer(s) On Duty: CHRIS MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1/22/95

Load# 18 Start 20:57 End 22:18 Dump 0028 - 0038

Location ST. MARY'S ENTRANCE

Conditions SW Wind 10knots 56° Seas 2-3 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ø TED: OK

Stbd Draghead Ø TED: OK

Port Discharge Box- PACKED CLAY

Stbd Discharge Box- PACKED CLAY

Comments: On whole watch tonight so was able to get both boxes completely clean

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1/23/95

Load# 19 Start 02:38 End 0346 Dump 553-0603

Location ST MARY'S

Conditions 57° Westerly Winds 8 knots Sea 2-3 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Q TED: OK

Stbd Draghead Q TED: OK

Port Discharge Box- Q Was open during flush to allow enough time to clean

Stbd Discharge Box- Q Packed Clay, Horseshoe crabs Jellyfish

Comments: Spoke w/ Chris and he recommended allowing one discharge box open during flush if time was a factor.

Port dis box was opened allowing adequate time to clean both boxes

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01/23/95

Load# 20 Start 0801 End 0932 Dump 1052

Location KINGS BAY ENT.

Conditions OVC, RAIN, RIVER 2, WIND SE, 10-12KT 57°F Tide 0710 0.5

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead — TED: OK

Stbd Draghead — TED: OK

Port Discharge Box- PACKED CLAY

Stbd Discharge Box- PACKED CLAY

Comments: SHELLS, SAND, ROCKS, TRASH ALSO IN LOAD

MATERIAL: CLAY, SAND
BOTTOM DUMPED

Observer(s) On Duty: CHRIS MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01/23/95

Load# 21 Start 1214 End 1322 Dump 1438

Location KINGS BAY ENT.

Conditions OVC, RIVER 2, WIND NW 10-25KT, TEMP 60° Tide 1320 6.2

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead → TED: OK

Stbd Draghead ← TED: OK

Port Discharge Box- CLAY SHELLS, TRASH

Stbd Discharge Box- CLAY SHELLS, TRASH

Comments: MATERIAL: CLAY, BOTTOM DUMPED

Observer(s) On Duty: CHRIS MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01/23/95

Load# 22 Start 1607 End 1752 Dump 1909

Location KINGS BAY

Conditions OVC, RIVER 4, WIND NW, 20KT, TEMP 52°F Tide 1925 0.1

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead — TED: OK

Stbd Draghead — TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: CLAY SAND MUD MATERIAL
BOTTOM DUMPED

Observer(s) On Duty: S. MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1/23/95

Load# 23 Start 20:45 End 22:18 Dump 23:31 - 23:41

Location ST MARY'S ENTRANCE

Conditions 50° SW Winds 25 knots Seas 3-5 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead 0 TED: OK

Stbd Draghead 0 TED: OK

Port Discharge Box- 0 Clay Horseshoe 85% cleaned

Stbd Discharge Box- 0 Clay Balls 80% cleaned

Comments: Full cages w/ clay

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1/24/95

Load# 24 Start 0100 End 0205 Dump 3:19 0329

Location ST MARY'S ENTRANCE

Conditions 48° W. winds 22 knots 3-5 seas Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ø TED: OK

Stbd Draghead Ø TED: OK

Port Discharge Box- Ø Clay debris

Stbd Discharge Box- Ø Clay debris

Comments: Able to clean about 80% of clay from boxes with time allotted

Observer(s) On Duty:

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1/24/95

Load# 25 Start 0451 End 0605 Dump 0722

Location ST MARY ENTRANCE

Conditions 42° W Winds 20 knots Seas 3-5 Tide

Are there incidents involving endangered or protected species?

Yes_____ No_____

Port Draghead_____ TED:_____

Stbd Draghead_____ TED:_____

Port Discharge Box-_____

Stbd Discharge Box-_____

Comments:_____

Observer(s) On Duty: S D AVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01/24/95

Load# 26 Start 0932 End 1117 Dump 1239

Location KINGS BAY

Conditions CLR, RIVER, 5-20 KT, NW, TEMP 63°F Tide 1117 6.1

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead — TED: OK

Stbd Draghead — TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: MATERIAL: CLAY, BOTTOM DUMPED

Observer(s) On Duty: C. MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01/24/95

Load# 27 Start 1404 End 1518 Dump 1634

Location

Conditions CLR, WINDW, 20KT, RIVER 4 61°F Tide 2026 0.1

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead ____ TED: OK

Stbd Draghead ____ TED: OK

Port Discharge Box- CLAY, JELLYFISH, HORSESHOE CRAB, SHELLS, TRASH

Stbd Discharge Box- CLAY, SAME

Comments: MATERIAL: CLAY, MUD, SAND BOTTOM DUMPED

Observer(s) On Duty: C. MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1 /24/95

Load# 28 Start 18:13 End 19:37 Dump 20:00 - 2010

Location ST MARY'S ENTRANCE

Conditions CLEAR 58° West Winds 24 knots Sea 2-4 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead ⊗ TED: ok

Stbd Draghead ⊗ TED: OK

Port Discharge Box- ⊗

Stbd Discharge Box- ⊗

Comments: Relatively small loads of clay in boxes 100% cleaned

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1/25/95

Load# 29 Start 22:29 End 23:51 Dump 110 0120

Location ST MARY'S ENTRANCE

Conditions 52° CLEAR West Winds 20 knots Seas 2-9 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ø TED: OK

Stbd Draghead Ø TED: OK

Port Discharge Box- Ø

Stbd Discharge Box- Ø

Comments:

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1 / 25 / 95

Load# 30 Start 0242 End 0344 Dump 0500-510

Location ST MARY ENTRANCE

Conditions ST CLEAR W Winds 20 knots Sea 2-4 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead 0 TED: OK

Stbd Draghead 0 TED: OK

Port Discharge Box- 0 clay, garbage debris

Stbd Discharge Box- 0 clay, garbage debris

Comments: Low clay contents hopes 100% cleared

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01/25/95

Load# 31 Start 0623 End 0815 Dump 0934

Location KING'S BAY

Conditions CLR, RIVER 3, WIND N, 12KT - 58°F Tide 0919 0.5

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead — TED: OK

Stbd Draghead — TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: MATERIAL: MUD, CLAY, SAND
ALSO SHELLS, TRASH, LINE, WOOD
BOTTOM DUMPED

Observer(s) On Duty: C. MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01/25/95

Load# 32 Start 1103 End 1215 Dump 1330

Location KINGS BAY

Conditions CLR, RIVER 2, WIND E, 10KT TEMP 58°F Tide 1522 6.0

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead — TED: OK

Stbd Draghead — TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: MATERIAL: CLAY, SAND, MUD

Observer(s) On Duty: C. MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01/25/95

Load# 33 Start 1450 End 1605 Dump 1717

Location

Conditions CLR, WIND NW 5-10KT, RIVER 2, 55°F Tide 1522 6.0

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead — TED: OK

Stbd Draghead — TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: MOTHER & CALF RIGHT WHALES SIGHTED BY AERIAL SURVEY

Observer(s) On Duty: C MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1/25/95

Load# 34 Start 18:35 End 20:25 Dump 22:21 - 22:31

Location ST MARY'S ENTR

Conditions CLEAR 52° Westerly W-18kn Sea 2-4 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ø TED: OK

Stbd Draghead Ø TED: OK

Port Discharge Box- Ø

Stbd Discharge Box- Ø

Comments: Clay balls

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1/26/95

Load# 35 Start 0035 End 0146 Dump 0355 - 405

Location ST MARY'S ENTR

Conditions 50° CLEAR WW 20 kn Seas 2-4 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ø TED: OK

Stbd Draghead Ø TED: OK

Port Discharge Box- Ø Clay, garbage debris

Stbd Discharge Box- Ø Clay

Comments: Boxes cleaned 100%

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01/26/95

Load# 36 Start 0613 End 0802 Dump 0926

Location ST MARYS

Conditions CLR, WIND NW, 10 KT, RIVER 3, 64°F Tide 1023 0.4

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead — TED: OK

Stbd Draghead — TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: MATERIAL: MUD, CLAY, SAND

Observer(s) On Duty: C MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1/26/95

Load# 37 Start 1051 End 1209 Dump 1327

Location St Mary's Entrance

Conditions Clear, 5-10 knots NW, Beaufort 1 Tide 1631, 6.0

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ok TED: —

Stbd Draghead Ok TED: —

Port Discharge Box- Soft clay

Stbd Discharge Box- Soft clay

Comments: cleaned majority of cages.

Observer(s) On Duty: Laura Morse

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01/26/95

Load# 38 Start 1440 End 1605 Dump 1723

Location ST MARYS

Conditions CLR, RIVER 2, WIND NW 10KT 65°F Tide

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead — TED: OK

Stbd Draghead — TED: O/C

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: MATERIAL: CLAY, MUD
BOTTOM DUMPED.

Observer(s) On Duty: C MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1 / 26 / 95

Load# 39 Start 18:50 End 20:16 Dump 21:30 2140

Location ST MARY ENTR

Conditions 58° clear w/ wind 18 kn Sea 1-3 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead 0 TED: OK

Stbd Draghead 0 TED: OK

Port Discharge Box- 0

Stbd Discharge Box- 0

Comments: clay composite

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1 / 27 / 95

Load# 40 Start 22:46 End 0010 Dump 0127 - 157

Location ST MARY ENTR.

Conditions 56° CLEAR SW 18 knots Seas 1-2 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead ∅ TED: ____

Stbd Draghead ∅ TED: ____

Port Discharge Box- ∅

Stbd Discharge Box- ∅

Comments: ____

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1/27/95

Load# 41 Start 0245 End 0354 Dump 0511-521

Location ST MARYS ENTR.

Conditions 54° CLEAR W Winds 15 Sea 1-3 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead ⊘ Hauser TED: OK

Stbd Draghead ⊘ TED: OK

Port Discharge Box- ⊘

Stbd Discharge Box- ⊘

Comments:

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01/27/95

Load# 42 Start 0632 End 0806 Dump 0920

Location ST MARY'S

Conditions HAZY, RIVER 1, WIND Ø TEMP 67°F Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead – TED: OK

Stbd Draghead – TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: MATERIAL: CLAY, MUD, SAND
BOTTOM DUMPED PORT 100% STBD 80% CLEAN

OTHER BIOLOGICAL: SNAILS, HORSESHOE CRABS, JELLYFISH, VARIOUS PLANTS.

Observer(s) On Duty: C. MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01/27/95

Load# 43 Start 1045 End 1205 Dump 1321

Location ST MARY'S

Conditions CLR, SEA 0-1, WIND Ø, TEMP 68°F Tide 1125 0.1

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead — TED: OK

Stbd Draghead — TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: MATERIAL: CLAY, MUD
BOTTOM DUMPED

Observer(s) On Duty: C. MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1/27/95

Load# 44 Start 1444 End 1605 Dump 1719

Location St. Marys River Channel

Conditions Clear, seas 0-1, No wind Tide 1738 6.2

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead — TED: ok

Stbd Draghead — TED: ok

Port Discharge Box- Clay

Stbd Discharge Box- clay

Comments: material, clay & mud, whole & other shells

Observer(s) On Duty: Laura Mose

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1/27/95

Load# 45 Start 1906 End 2031 Dump 21:49 - 21:59

Location ST MARY ENTRANCE

Conditions PARTLY CLOUD 60° W 5 kt Flat Sea Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead 0 TED: OK

Stbd Draghead 0 TED: OK

Port Discharge Box- 0

Stbd Discharge Box- 0

Comments:

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1 / 27 / 95

Load# 46 Start 23:12 End 0025 Dump 142 - 152

Location

Conditions Pt Cloud 58° W Wind 8 kn Calm Sea Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ø TED: ✓

Stbd Draghead Ø TED: ✓

Port Discharge Box- Ø

Stbd Discharge Box- Ø

Comments:

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1/27/95

Load# 47 Start 0305 End 0406 Dump 5:24 - 5:34

Location ST MARY'S ENT

Conditions 56° CLOUDY SW 5-10 Seas 1-2 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Q TED: OK

Stbd Draghead Q TED: OK

Port Discharge Box- Q

Stbd Discharge Box- Q

Comments: Stiff clay balls main box contents

Observer(s) On Duty: J. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01/28/95

Load# 48 Start 0643 End 0808 Dump 0933

Location ST MARYS ENT

Conditions OVC, RIVER 3, WIND SW, 10KT, 61°F Tide 0627 7.3

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead — TED: OK

Stbd Draghead — TED: OK

Port Discharge Box- PACKED CLAY

Stbd Discharge Box- PACKED CLAY

Comments: MATERIAL: CLAY, MUD
BOTTOM DUMPED

Observer(s) On Duty: C. MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1/28/95

Load# 49 Start 1052 End 1208 Dump 1327

Location St Mary's Channel

Conditions 90% cloud cover 1-2ft seas, winds calm, SSE, 60°F Tide 1224 -0.1 ft

Are there incidents involving endangered or protected species?

Yes _____ No ✓

Port Draghead _____ TED: Ok

Stbd Draghead _____ TED: OK

Port Discharge Box- Clay, shells

Stbd Discharge Box- Clay, shells

Comments: Clay, mud, whelks, some pieces of wood

Observer(s) On Duty: Lance Moss

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01/28/95

Load# 50 Start 1442 End 1610 Dump 1733

Location ST MARY'S

Conditions PT CLDY, RWER 3, WIND N, 10KT, 65°F Tide 1840 6.4

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead — TED: OK

Stbd Draghead — TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: ALSO, SHELLS, CANNONBALL JELLYFISH, HORSESHOE CRABS, SNAILS, VARIOUS FLORA

MATERIAL: CLAY, MUD BOTTOM DUMPED

Observer(s) On Duty: C MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1/28/95

Load# 51 Start 1850 End 2017 Dump 2134 - 2144

Location

Conditions 64° CLOUDY SW 18knots Seas 2-4 Tide

Are there incidents involving endangered or protected species?

Yes No ✓

Port Draghead Ø TED:

Stbd Draghead Ø TED:

Port Discharge Box- Ø

Stbd Discharge Box- Ø

Comments:

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1/29/95

Load# 52 Start 2254 0001 End 0105 Dump 0226 - 236

Location ST MARY'S ENTR

Conditions 64° Part Cloudy SW 18-20 knts Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ø TED: OK

Stbd Draghead Ø TED: OK

Port Discharge Box- Ø

Stbd Discharge Box- Ø

Comments: SMALL LOAD OF CLAY IN CAGES

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1/31/95

Load# 53 Start 0346 End 0445 Dump 0604 - 614

Location ST MARY'S ENTR

Conditions 64° CLEAR SW 10-15 Seas 2-4 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead ⊗ TED: OK

Stbd Draghead ⊗ TED: OK

Port Discharge Box- ⊗

Stbd Discharge Box- ⊗

Comments:

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01/29/95

Load# 54 Start 0715 End 0849 Dump 1010

Location ST MARY'S

Conditions OVC, HAZE, RIVER 2, WWONW, 5KT, 71°F Tide 0723 7.5

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead – TED: OK

Stbd Draghead – TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: MATERIAL: CLAY, MUD ; BOTTOM DUMPED

Observer(s) On Duty: C. MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01/29/95

Load# 55 Start 1136 End 1242 Dump 1354

Location ST MARYS

Conditions OVC, RIVER 1-2, WIND NW, 10KT Tide 1319 - 0.4

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead ^ TED: OK

Stbd Draghead - TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: MATERIAL: CLAY, MUD BOTTOM DUMPED

Observer(s) On Duty: C MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01 / 29 / 95

Load# 56 Start 1509 End 1650 Dump 1751

Location ST MARY'S

Conditions HAZY, LWD 0-1, WIND W 10-5KT, 66°F Tide 1937 6.7

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead – TED: OK

Stbd Draghead – TED: OK

Port Discharge Box- CLAY, PACKED

Stbd Discharge Box- CLAY, HARD PACKED

Comments: MATERIAL, CLAY, MUD BOTTOM DUMPED

Observer(s) On Duty: Q MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1/29/95

Load# 57 Start 1907 End 2035 Dump 2147 -57

Location ST MARY'S ENTRA

Conditions FOG 60° SW 10 kn Sea 2-4 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ø TED: ok

Stbd Draghead Ø TED: ok

Port Discharge Box- Ø

Stbd Discharge Box- Ø

Comments:

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01/30/95

Load# 58 Start 0805 End 1100 Dump 1109

Location ST MARYS

Conditions FOG, RIVER 1, WIND N, 5KT, 62° F Tide 0816 7.9

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead — TED: OK

Stbd Draghead — TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: MATERIAL: CLAY, MUD. BOTTOM DUMPED

Observer(s) On Duty: C MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1/30/95

Load# 59 Start 1238 End 1335 Dump 1447

Location St. Mary's Entrance Channel

Conditions 10% clouds, Beaufort 2, Seas 2-4ft, 55°F Tide 1409 -0.6ft

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ø TED: Ø

Stbd Draghead Ø TED: Ø

Port Discharge Box- Ø

Stbd Discharge Box- Ø

Comments: cages pretty empty, soft clay, shells

Observer(s) On Duty: Lauren Mose

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01/30/95

Load# 60 Start 1616 End 1821 Dump 1936

Location ST MARY'S ENT

Conditions CLR, RIVER 2-3, WIND, NW, ILET 55°F Tide 2030 6.9

Are there incidents involving endangered or protected species?

Yes _____ No X

Port Draghead — TED: OK

Stbd Draghead — TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: AMERICAN BITTERN FOUND ON DECK THIS MORN. - WILL BE BROUGHT ASHORE ON SKIFF IN AM TO BEAKS BIRD SANCTUARY.

MATERIAL: CLAY, MUD BOTTOM PUMPED

Observer(s) On Duty: C MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1/31/95

Load# 61 Start 2113 End 2237 Dump 2347-57

Location ST MARY'S ENTR

Conditions CLEAR 50° SW 25 knts Sea 3-5 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ø TED: OK

Stbd Draghead Ø TED: OK

Port Discharge Box- Ø

Stbd Discharge Box- Ø

Comments:

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1 / 31 / 95

Load# 62 Start 0115 End 0218 Dump 0330-40

Location ST MARY'S ENTR

Conditions 48° CLEAR SW 25 Kn Seas 3-5 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ø TED: Ø

Stbd Draghead Ø TED: Ø

Port Discharge Box- Ø

Stbd Discharge Box- Ø

Comments:

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01/31/95

Load# 63 Start 0451 End 0648 Dump 0831

Location ST MARY'S ENT.

Conditions CLR, WIND W, 8KT, CHANNEL 3 51°F Tide 0908 7.6

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead ____ TED: OK

Stbd Draghead ____ TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: MATERIAL: CLAY, MUD ; BOTTOM DUMPED
BITTERN TAKEN TO SHORE ON LAUNCH THIS MORNING.

Observer(s) On Duty: C. MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01/31/95

Load# 64 Start 0942 End 1058 Dump 1208

Location ST MARY'S ENTRANCE

Conditions CLR/CHANNEL 3, WIND NW, 4-10KT 65°F Tide 1456 -0.7

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead ____ TED: OK

Stbd Draghead ____ TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: MATERIAL: CLAY, MUD BOTTOM DUMPED

OTHER: WOOD, TRASH, LINE

BIOLOGICAL: SNAILS, HORSESHOE CRABS, CANNONBALL JELLYFISH, S. MOON SNAILS, BIVALVES

Observer(s) On Duty: C. MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

01/31/95

Load# 65 Start 1535 End 1505 Dump 1618

Location ST MARY'S

Conditions CLR, CHANNEL 3, WIND NW 10KT, 60°F Tide 1456 - 0.7

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead – TED: OK

Stbd Draghead – TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: MATERIAL: CLAY BOTTOM DUMP

Observer(s) On Duty: C. MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1 / 31 / 95

Load# 66 Start 1753 End 1920 Dump 2037 - 47

Location ST MARY'S ENTR

Conditions 48° CLEAR SW 22 Sea 3-5 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ø TED: OK

Stbd Draghead Ø TED: OK

Port Discharge Box- Ø

Stbd Discharge Box- Ø

Comments:

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

1/31/95
~~2/1/95~~

Load# 67 Start 2158 End 2319 Dump 0032-42

Location ST MARY'S ENTR

Conditions 46° CLEAR W 20-25 Sea 3-5 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead ~~Ø~~ TED: OK

Stbd Draghead ~~Ø~~ TED: OK

Port Discharge Box- ~~Ø~~

Stbd Discharge Box- ~~Ø~~

Comments:

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

2 / 1 / 95

Load# 68 Start_____ End_____ Dump_____

Location ST MARY'S ENTRANCE

Conditions_____ Tide_____

Are there incidents involving endangered or protected species?

Yes____ No ✓

Port Draghead Ø TED: OK

Stbd Draghead Ø TED: OK

Port Discharge Box- Ø

Stbd Discharge Box- Ø

Comments: HEADING INTO PORT FOR 2 DAYS

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

2/4/95

Load# 69 Start 1322 End 1508 Dump 1633 1643

Location ST MARY'S ENTR

Conditions MOSTLY CLEAR 54° W 30-40 km Sea 5-7 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ø TED: OK

Stbd Draghead Ø TED: OK

Port Discharge Box- Ø CLAY Sharks Tooth

Stbd Discharge Box- Ø CLAY

Comments: Continues to be hard packed clay
Found fossilized shark tooth

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

2/4/95

Load# 70 Start 1808 End 1947 Dump 2158 2208

Location

Conditions CLEAR 48° NW 25-35 Seas 4-6 Tide

Are there incidents involving endangered or protected species?

Yes No ✓

Port Draghead Ø TED: OK

Stbd Draghead Ø TED: OK

Port Discharge Box- Ø

Stbd Discharge Box- Ø

Comments: Boxes partially full, on slow bell, cleaned out completely

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

02/05/95

Load# 71 Start 0016 End 0114 Dump 0330

Location ST MARY'S

Conditions CLR, WINDY, 12KT Tide 0018 6.3

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead ____ TED: OK

Stbd Draghead ____ TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: MATERIAL: CLAY BOTTOM DUMPED
BIOLOGICAL: SNAILS, SHELLS, HORSESHOE CRAB.

Observer(s) On Duty: C MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

2/5/95

Load# 72 Start 0542 End 0720 Dump 0840

Location St. Marys Channel

Conditions Clear Beaufort 2-3, NW Tide 0617, 0.7ft

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead Ø TED: ok

Stbd Draghead Ø TED: ok

Port Discharge Box- Clay, mud, shells, wood

Stbd Discharge Box- clay, mud, shells, wood

Comments: 1-2 jellyballs in each box

Observer(s) On Duty: L. Morse

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

2/5/95

Load# 73 Start 1118 End 1240 Dump 1420-30

Location ST MARY'S ENTR

Conditions 62° CLEAR W 10-20 kn Sea 2-5 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ø TED: n/a

Stbd Draghead Ø TED: OK

Port Discharge Box- Ø

Stbd Discharge Box- Ø

Comments: Both boxes packed full of clay
Cleaned about 70% out with time
allotted

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

2 / 5 / 95

Load# 74 Start 1546 End 1700 Dump 1822-32

Location ST MARY'S ENTRANCE

Conditions 58° CLOUDY W 10-20 Kn Sea 2-5 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ø TED: OK

Stbd Draghead Ø TED: OK

Port Discharge Box- Ø

Stbd Discharge Box- Ø

Comments: CLAY FULL LOAD was able to clean 90%

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

2/5/95

Load# 75 Start 1943 End 2127 Dump 2245 - 55

Location ST MARY'S ENTR

Conditions 50° CLEAR NW 10-20 SEAS 2-5 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ø TED: OK

Stbd Draghead Ø TED: OK

Port Discharge Box- Ø

Stbd Discharge Box- Ø

Comments:

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

02/06/95

Load# 76 Start 0009 End 0116 Dump 0228

Location ST MARY'S

Conditions CLR, WIND NW, 20KT, CHUNK 4, 47°F Tide 0102 6.1

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead – TED: OK

Stbd Draghead – TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: MATERIAL: CLAY, MUD
BOTTOM DUMPED

Observer(s) On Duty: C. MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

02/06/95

Load# 77 Start 0400 End 0504 Dump 0622

Location ST MARYS

Conditions CLR, WIND NW, 25KT, SEAS 4, 42°F Tide 0709 1.0

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead – TED: OK

Stbd Draghead – TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: MATERIAL: CLAY BOTTOM DUMPED

Observer(s) On Duty: C MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

2/6/95

Load# 78 Start 0757 End 1020 Dump 1130

Location St Mary's Channel

Conditions Clear, Beaufort 2, NE, 54° Tide 1320, 5.6 ft

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ø TED: Ø

Stbd Draghead Ø TED: Ø

Port Discharge Box- clay, shells

Stbd Discharge Box- clay, shells

Comments: Stbd box filled completely w/ soft clay

Observer(s) On Duty: L. Mason, C. Mason

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

2/6/95

Load# 79 Start 1307 End 1412 Dump 1530

Location St. Mary's Channel

Conditions Clear, Beaufort 1, NW, 60° Tide 1320, 5.6

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ø TED: Ø

Stbd Draghead Ø TED: Ø

Port Discharge Box- Clay whelks

Stbd Discharge Box- Completely filled w/ clay, whelks

Comments: clay, mud, whelks, other shells

Observer(s) On Duty: L. Morse

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

2 / 6 / 95

Load# 80 Start 1709 End 1808 Dump 20:35-45

Location ST MARY'S ENTR

Conditions 52° CLEAR NW 10-15 kn Sea 3-5 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ø ~~Full of clay~~ TED: OK

Stbd Draghead Ø TED: OK

Port Discharge Box- Ø Full of clay, BLOCKAGE

Stbd Discharge Box- Ø

Comments: Port Box blocked with clay, cleaned Box complete

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

02/07/95

Load# 81 Start 2354 End 0030 Dump 0242

Location ST MARY'S

Conditions CLR, WIND NW, 10KT, SEAS 2-3, 48°F Tide 0149 5.9

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead — TED: OK

Stbd Draghead — TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: MATERIAL: CLAY, BOTTOM DUMPED

Observer(s) On Duty: C MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

02/07/95

Load# 82 Start 0506 End 0627 Dump 0813

Location ST MARY'S

Conditions PT CLDY, WINDW, 10KT, SEAS 2-3, 48°F Tide 0804 1.2

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead — TED: OK

Stbd Draghead — TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: MATERIAL: CLAY, SAND BOTTOM DUMPED

SURF TEMP. RUNNING 53-54°F,
ACCORDING TO NOAA WEATHER, SHIP'S
INLET TEMP'S UNRELIABLE.

Observer(s) On Duty: C. MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

2/7/95

Load# 83 Start 1030 End 1207 Dump 1335 - 45

Location ST MARY'S EAST R

Conditions 56° CLOUDY NW 5 Kn Seas 1-3 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead ⊗ TED: OK

Stbd Draghead ⊗ TED: OK

Port Discharge Box- ⊗ WHELK

Stbd Discharge Box- ⊗ WHELK

Comments: Boxes full of clay

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

2 / 7 /95

Load# 84 Start 1502 End 1633 Dump 1752 - 1802

Location ST MARY'S ENTR

Conditions 54° CLOUDY W 5 knts Seas 1-3 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ø TED: OK

Stbd Draghead Ø TED: OK

Port Discharge Box- Ø

Stbd Discharge Box- Ø

Comments: FULL OF CLAY, SM AMT SHELLS

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

2/7/95

Load# 85 Start 19:35 End 21:07 Dump 22:30 -40

Location ST MARY'S ENTR

Conditions 52° W 15-20 kn CLOUDY Sea 2-3 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ø TED: OK

Stbd Draghead Ø TED: OK

Port Discharge Box- Ø

Stbd Discharge Box- Ø

Comments:

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

02/08/95

Load# 86 Start 0000 End 0120 Dump 0247

Location ST MARY'S

Conditions CLDY, WIND NW, 20KT, SEAS 3-4, 48°F Tide 0241 5.7

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead ____ TED: OK

Stbd Draghead ____ TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: MATERIAL: CLAY, MUD, SAND
BOTTOM DUMPED

Observer(s) On Duty: C MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

02/08/95

Load# 87 Start 0415 End 0543 Dump 0705

Location ST MARY'S

Conditions CLR, WIND NW, 20KT, SEAS 4, 42°F Tide 0901 1.4

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead ____ TED: OK

Stbd Draghead ____ TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: MATERIAL: CLAY & MUD BOTTOM DUMPED.

Observer(s) On Duty: C MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

02/08/95

Load# 88 Start 0832 End 1013 Dump

Location ST MARY'S

Conditions CLR, WIND NW, 10-20KT, SEAS 4-5, 44°F Tide 0901 1.4

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead – TED: OK

Stbd Draghead – TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY,

Comments: MATERIAL : CLAY, MUD. BOTTOM DUMPED LOTS OF TRASH

Observer(s) On Duty: C. MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

2/8/95

Load# 88 Start 8:32 End 10:13 Dump 11:33-43

Location ST MARY'S ENTR

Conditions 52° CLEAR NW 20-35 Seq 4-6 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead ☒ TED: OK

Stbd Draghead ☒ TED: OK

Port Discharge Box- ☒ Fishing net

Stbd Discharge Box- ☒

Comments:

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

2 / 8 / 95

Load# 89 Start 1251 End 1417 Dump 15:42-52

Location ST MARY'S ENTR

Conditions 56° CLEAR NW 30-40 knts Sea 3-4 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead ✗ TED: OK

Stbd Draghead ✗ TED: OK

Port Discharge Box- ✗

Stbd Discharge Box- ✗

Comments: Very little debris in boxes

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

2 / 8 / 95

Load# 90 Start 1717 End 1838 Dump 2050 - 2100

Location ST MARY'S ENTR

Conditions 44° CLEAR NW 30-40 knts Sea 3-5 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead ∅ TED: OK

Stbd Draghead ∅ TED: OK

Port Discharge Box- ∅

Stbd Discharge Box- ∅

Comments: COLD !!!

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

02/09/95

Load# 91 Start 0005 End 0054 Dump 0255

Location ST MARY'S

Conditions NO INFO AVAIL Tide 0339 5.7

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead — TED: OK

Stbd Draghead — TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: MATERIAL: CLAY, MUD BOTTOM DUMPED.

Observer(s) On Duty: C MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

02/09/95

Load# 92 Start 0525 End 0650 Dump 0805

Location ST MARY'S

Conditions CLR, WIND NW 10KT, SEAS 3, 38°F Tide 0956 1.3

Are there incidents involving endangered or protected species?

Yes____ No X

Port Draghead ____ TED: OK

Stbd Draghead ____ TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: MATERIAL: CLAY, MUD BOTTOM DUMPED.

Observer(s) On Duty: C MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

2/9/95

Load# 93 Start 0951 End 1130 Dump 1250-1300

Location ST MARYS ENTR

Conditions 52° CLEAR NW 10-15 SEC 1-2 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead ✗ TED: OK

Stbd Draghead ✗ TED: OK

Port Discharge Box- ✗

Stbd Discharge Box- ✗

Comments:

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

2/9/95

Load# 94 Start 1417 End 1542 Dump 1700-10

Location ST MARY ENTR

Conditions 52° CLEAR W 5-10 Seas 1-2 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ø TED: OK

Stbd Draghead Ø TED: OK

Port Discharge Box- Ø

Stbd Discharge Box- Ø

Comments: PORT GATE CAME UNLATCHED DURING DREDGING SO CONTENTS UNKNOWN

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

2/9/95

Load# 95 Start 1825 End 2000 Dump 2118-28

Location ST MARY'S ENTR

Conditions 48° MOSTLY CLEAR WNW 10-15 SEAS 1-3 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ø TED: OK

Stbd Draghead Ø TED: OK

Port Discharge Box- Ø

Stbd Discharge Box- Ø Full Box, partially blocked w/ clay dislodged after extended pumping

Comments:

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

02/10/95

Load# 96 Start 2335 End 0030 Dump 0152

Location ST MARY'S

Conditions OVC, WIND W, 10 KT SEAS BEAUFORTS, 48°F Tide 2204 (9TH) 0.8)

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead – TED: OK

Stbd Draghead ____ TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: MATERIAL: CLAY, BOTTOM DUMPED.

Observer(s) On Duty: C MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

02/10/95

Load# 97 Start 0318 End 0450 Dump 0613

Location ST MARY'S ENT.

Conditions CLOUDY, WIND NW, 5KT, SEAS BEAFORT 2 Tide 0439 5.8
52°F

Are there incidents involving endangered or protected species?

Yes ____ No C

Port Draghead — TED: O/C

Stbd Draghead — TED: O/C

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: USED STBD BOX, COMPLETELY FULL, CLEANED & INSPECTED, TOOK ENTIRE RUN TO & FROM DUMP TO COMPLETE... MATERIAL: CLAY, SAND. BOTTOM DUMPED... TRASH, WOOD IN BOX... WHELKS, OTHER SNAILS, BIVALVES.

Observer(s) On Duty: C MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

02/10/95

Load# 98 Start 0733 End 0905 Dump 1030

Location ST MARY'S

Conditions PT CLDY, WIND S, 10KT, SEAS 2-3, 53°F Tide 1050 1.2
BEAUFORT

Are there incidents involving endangered or protected species?

Yes ____ No X

Port Draghead – TED: OK

Stbd Draghead – TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: MATERIAL: CLAY, SAND, MUD BOTTOM DUMPED

Observer(s) On Duty: C MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

2 / 10 / 95

Load# 95 Start 1223 End 1406 Dump 1530-40

Location ST MARY'S ENTR

Conditions 66° CLOUDY SW 10 knots Seas 2-3 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead ⊗ TED: OK

Stbd Draghead ⊗ TED: OK

Port Discharge Box- ⊗ Completely Full of clay

Stbd Discharge Box- ⊗ Full of Clay

Comments: Able to clean 75%

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

2/10/95

Load# 100 Start 1648 End 1900 Dump 2028-38

Location ST MARY'S ENTR

Conditions 58° CLEAR W 5-10 knts Sea 1-3 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ø TED: OK

Stbd Draghead Ø TED: OK

Port Discharge Box- Ø

Stbd Discharge Box- Ø

Comments:

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

02/11/95

Load# 101 Start 2145 (10TH) End 2323 (10TH) Dump 0048

Location ST MARY'S

Conditions CLDY, WND SW, 10 KT, SEAS DEAFORT 2 Tide 2256 (10TH) 0.7

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead – TED: OK

Stbd Draghead – TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: MATERIAL: CLAY & SAND BOTTOM DUMP
CLEANED APPR 80% OF BOX & INSPECTED.

Observer(s) On Duty: C. MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

02/11/95

Load# 102 Start 0205 End 0332 Dump 0502

Location ST MARY'S

Conditions _____ Tide 0535 6.0

Are there incidents involving endangered or protected species?

Yes _____ No X

Port Draghead _____ TED: OK

Stbd Draghead _____ TED: OK

Port Discharge Box- CLAY

Stbd Discharge Box- CLAY

Comments: MATERIAL: MUD, CLAY, SAND, BOTTOM DUMPED
NOTHING UNUSUAL

Observer(s) On Duty: C. MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

02/11/95

Load# 103 Start 0620 End 0755 Dump 0916

Location ST MARY'S

Conditions _____ Tide 1141 1.0

Are there incidents involving endangered or protected species?

Yes _____ No X

Port Draghead — TED: OK

Stbd Draghead — TED: OK

Port Discharge Box- Clay

Stbd Discharge Box- Clay

Comments: MATERIAL : MUD, SAND, CLAY , BOTTOM DUMPED
NOTHING UNUSUAL

Observer(s) On Duty: C. MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

2/11/95

Load# 104 Start 1048 End 1212 Dump 1343-53

Location ST MARY'S ENTR

Conditions 68° CLOUDY W 10-15 knts Sea 2~4 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead ⊘ TED: OK

Stbd Draghead ⊘ TED: OK

Port Discharge Box- ⊘

Stbd Discharge Box- ⊘

Comments: CLAY and Mud, Fossilized shark tooth

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

2 / 11 / 95

Load# 105 Start 1525 End 1657 Dump 1822-32

Location ST MARY'S ENTR

Conditions 66° CLOUD/RAIN W 15-20 Seas 2-5 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ø TED: OK

Stbd Draghead Ø TED: OK

Port Discharge Box- Ø

Stbd Discharge Box- Ø

Comments: It seems port gate is bent and occassionally pops open

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

2 / 11 /95

Load# 106 Start 1943 End 2123 Dump 2245 - 55

Location ST MARY'S ENTR

Conditions 66° CLOUDY W-10 Seas 2-3 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ø TED: OK

Stbd Draghead Ø TED: OK

Port Discharge Box- Ø

Stbd Discharge Box- Ø

Comments: Usual clay/mud

Observer(s) On Duty: S. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

02/12/95

Load# 107 Start 0014 End 0155 Dump 0323

Location ST MARY'S

Conditions CLDY, WIND W, 10KT, 55°F Tide 0626 6.2

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead — TED: OK

Stbd Draghead — TED: OK

Port Discharge Box- CLAY, SAND

Stbd Discharge Box- CLAY, SAND

Comments: MATERIAL: CLAY, SAND BOTTOM DUMPED

Observer(s) On Duty: C MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

02/12/95

Load# 108 Start 0530 End 0700 Dump 0817

Location ST MARY'S

Conditions CLDY, WIND NW, 10KT, CHANNEL 2, Tide 0626 6-2
54°F

Are there incidents involving endangered or protected species?

Yes ____ No Y

Port Draghead — TED: OK

Stbd Draghead — TED: OK

Port Discharge Box- CLAY, SAND

Stbd Discharge Box- CLAY, SAND

Comments: LARGER AMTS OF SAND THAN USUAL.
MATERIAL: CLAY & SAND, BOTTOM DUMPED.

WHELKS, BIVALVES, WOOD, TRASH, OLD FISHING NETS,
MONOFILAMENT, DISCARDED OIL FILTERS

Observer(s) On Duty: C MASON

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

2 / 12 / 95

Load# 109 Start 0950 End 1114 Dump 1238-48

Location ST MARY'S ENTR

Conditions 52° CLOUDY/RAIN W-22 kts Sea 3-5 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ø TED: ok

Stbd Draghead Ø TED: ok

Port Discharge Box- Ø

Stbd Discharge Box- Ø

Comments: Boxes clogged w/ clay

Observer(s) On Duty: J. DAVIS

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE MACFARLAND - USACE
Kings Bay Entrance Channel
1995

2/12/95

Load# 110 Start 1443 End 1618 Dump 1738-48

Location ST MARY'S ENTR

Conditions 50° CLOUDY W 10-15 Sea 3-5 Tide

Are there incidents involving endangered or protected species?

Yes ____ No ✓

Port Draghead Ø TED: OK

Stbd Draghead Ø TED: OK

Port Discharge Box- Ø

Stbd Discharge Box- Ø

Comments:

Observer(s) On Duty: S. DAVIS