ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: New Port

Project: St. Mary's Entrance Channel

DAILY REPORT

Date 01 / 22 / 01 Load Numbers 01 - 04

Area(s) Worked Station #'s 100-180

Weather Conditions (incl. sea conditions) cloudy to partly cloudy winds NNE 20-40 kts; seas 3-5' swell 5-6'

Range of Water Temp., Surface 48°F Below Mid-Depth

Condition and Effectiveness of Screening All appear to be in good working condition. The open topped aft boxes will be screened immediately at our request.

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

There were no incidents involving marine turtles or mammals.

Dredged material consisted of course heavy sand and shell with shell fragments.

Biotic samples from said loads included: shell (oyster, cockle, clam, razor clam, lightening whelk, florida horse conch), hermit crab, unid. marine worm (possibly peanut), ~~and~~ sea fan, ~~and~~ wood, and one southern stingray. Abiotic samples from said loads included: plastic, miscellaneous fabric pieces, wire, Aluminum can, cable and rock, metal sinker.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops Truncatus	1	14:40 @ discharge site: Diving 300' to Port

Observer(s) on duty Patty Kusmierski, Bettina Morrison

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: ST. MARY'S ENTRANCE

DAILY REPORT

Date 01 / 23 / 01 Load Numbers 05 - 08

Area(s) Worked STATIONS 100-180

Weather Conditions (incl. sea conditions) PARTLY CLOUDY, RAINY; NNE 20-40 KNOTS; SEAS 2-4' w/SWELL

Range of Water Temp., Surface 48°F Below Mid-Depth

Condition and Effectiveness of Screening ALL SCREENING IS EFFECTIVE; HOWEVER AFT INFLOW BOX STILL SPILLING ONTO DECK. OPEN TOP NOT YET SEALED.

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

THERE WERE NO INCIDENTS OR SIGHTINGS INVOLVING EITHER MARINE TURTLES OR MARINE MAMMALS.

DREDGED MATERIAL IS A MIXTURE OF COURSE HEAVY SAND WITH BROKEN SHELL FRAGMENTS WITH SOME ROCK.

BIOLOGICAL SAMPLES CONSIST OF SOUTHERN STING RAY (1), GASTROPODS, OYSTERS & MISC. BIVALVES, SEAWHIP, FLD. HORSE CONCHS, & WOOD.

ABIOTIC SAMPLES COLLECTED WERE PLASTICS, ROCKS, ALUMINUM, CLAY, MESH, FABRIC, PLASTIC BAGS, WIRE, HEMP LINE, LEATHER SHOE SOLE, & NYLON LINE.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty BETTINA MORRISON, CARRIE SINGER

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: ST. MARY'S ENTRANCE

DAILY REPORT

Date 01 / 24 / 01 Load Numbers 09-12

Area(s) Worked STATIONS 100-170 CLEAR - PARTLY CLOUDY

Weather Conditions (incl. sea conditions) NNE 5.10, THEN NW 5.15 KNOTS; BSS 2, SEAS 2' W/ 1' SWELL

Range of Water Temp., Surface 48°F Below Mid-Depth

Condition and Effectiveness of Screening SCREENING CONTINUES TO BE OPERATED W/O COVERS ON BOTH FORWARD & AFT INFLOW BOXES.

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

NO TURTLE INCIDENTS OR WHALE SIGHTINGS.

DREDGED MATERIAL REMAINS TO BE COURSE, HEAVY SAND CONSISTANTLY WITH A HIGH CONTENT OF BROKEN SHELL FRAGMENTS

BIOLOGICAL SAMPLES FOUND INCLUDE CONCHS, COCKLES, SCALLOPS, WHELKS OYSTERS, & OLIVES. LARGER WHELKS SEEM TO BE POROUS. A PARTIAL BIRD SKULL WAS ALSO FOUND SP UNKNOWN.

ABIOTIC MATERIAL CONSISTED OF DRIFTWOOD, ROCKS, WIRE, NYLON LINE, PLASTIC MESH, FABRIC, LEATHER, & PLASTIC BAGS

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.t	2	0959/OUTBOUND; S OF CHANNEL BUOY #21 / FORAGING
UNID. DOLPHIN (SPOTTED?)	9-11	1207/E @ BUOY 9, QUICK SURFACING, SOME TAIL SLAPPING, <2m $\bar{X}$ SM / ROBUST QUICK SURFACING, BLANT FOREHEAD, WIDE NOTCHED TAIL, ALL DARK, NO VISIBLE STRIPES OR SPOTS UPON SURFACING, DORSAL IN SOME INDIVIDUALS QUITE CURVED & POINTED OFF PORT INBOUND 100-200m

Observer(s) on duty BETTE MORRISON & CARRIE SINGER

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: St. Mary's Entrance Channel

DAILY REPORT

Date 01 / 25 / 01 Load Numbers 13-16

Area(s) Worked Stations 106-126

Weather Conditions (incl. sea conditions) winds N to NW 5-15 mph, BSS 2, Seas 1-2', clear

Range of Water Temp., Surface 43-48°F Below Mid-Depth

Condition and Effectiveness of Screening All appear to be in good working condition. Aft port/starboard inflow boxes will need covers at temperature where we may see turtle activity

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

There were no incidents involving sea turtles. There were no marine mammal sightings this day.

Dredged material consists of very course, heavy sand and shell with shell fragments.

Biotic samples in inflox boxes consisted of: shell (oyster, clam, cockle, scallop, lightening whelk, and olive), wood, horseshoe crab, southern stingray and coral.
Abiotic samples of aforementioned areas consisted of: rock, fiberglass, Nylon line, plastic, fabric, wire and foam padding.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty Bette Morrison / Carrie Singer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: St. Mary's Entrance Channel

DAILY REPORT

Date 01 / 26 / 01 Load Numbers 17

Area(s) Worked Stations 106-126

Weather Conditions (incl. sea conditions) NW 5-10 knots; Bss 2: seas calm, clear

Range of Water Temp., Surface 43° F Below Mid-Depth 43°F

Condition and Effectiveness of Screening All appear to be in good working condition.

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Dredged material consisted of course heavy sand, shell and shell fragments. - some clay and rock.

Biotic materials found in inflow boxes included: wood, shell (lightening whelk, oyster, cockle, scallop, clam).

Abiotic materials found in said areas included: clay, rock, wire, plastic bag, fabric, and nylon line.

No incidents involving sea turtles or marine mammals.

Due to pipe clogging load 17 was not completely pumped off. The remainder was dumped in channel. No dredge activity from 0905 - 1030 (1/27/01)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty Bette Morrison / Carrie Singer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: St. Mary's Entrance Channel

DAILY REPORT

Date 01 / 27 / 01 Load Numbers 18 & 19

Area(s) Worked Stations 106 - 126

Weather Conditions (incl. sea conditions) NE 10-15, BSS3 chop 2' swell / W10-20 NM, partly cloudy, calm seas

Range of Water Temp., Surface 43°F Below Mid-Depth 43°F

Condition and Effectiveness of Screening All appears to be in good working condition.

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

There were no incidents involving marine turtles or marine mammals today.

Dredged material consisted of coarse heavy sand, shell, shell fragments and some clay and rock.

Biotic samples from inflow boxes, screens and overflow, included: shell (cockle, lightning whelk, clam, oyster, and other misc), wood, and coral.

Abiotic samples from said areas included: clay, rock, wire, plastic, plastic bag, nylon line and leather shoe sole.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops Truncatus	1, 3-4	1703-1720, 2 seperate groups to port - moving westerly down channel slow surfacing activity.

Observer(s) on duty Bette Morrison / Carrie Singer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: ST. MARY'S ENTRANCE CHANNEL

DAILY REPORT

Date 01 / 28 / 01 Load Numbers 20 - 23

Area(s) Worked STATIONS 106 - 126

Weather Conditions (incl. sea conditions) NW 0.5 KNOTS; BSS 0.1; SEAS CALM; SKIES CLEAR / E 5-15 KNOTS; BSS 2; SEAS CALM SUNNY

Range of Water Temp., Surface 42°F Below Mid-Depth 42°F

Condition and Effectiveness of Screening SCREENING IN GOOD WORKING ORDER AND EFFECTIVE.

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

NO INCIDENTS OF SEA TURTLE TAKES OR WHALE SIGHTINGS.

DREDGED MATERIAL IS PRIMARILY CONSISTING OF COURSE, HEAVY SAND WITH SOME SHELL FRAGMENTS, MISC. BIVALVES, ROCK, AND CLAY.

BIOLOGICAL BYCATCH IN BOXES IS MINIMAL, BUT CONSISTS OF WHELKS, OYSTERS, COCKLES, TULIP SNAIL, FLORIDA HORSE CONCHS, & RAZOR CLAMS. SPINY MUREXEA & BUSHY BRYZOANS HAVE BEEN FOUND ALONG WITH DRIFTWOOD.

ABIOTIC BYCATCH FOUND IS CARPET, WIRE, NYLON & COTTON ROPE, PLASTIC PIECES, PLASTIC BAGS, FIBERGLASS, FABRIC STRIPS, CLAY, & ROCKS.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	1	1813 TO STARBOARD; HEADING WEST IN CHANNEL MILLING ABOUT JUST UNDER SURFACE W/ LEISURELY SURFACING.

Observer(s) on duty BETTE MORRISON & CARRIE SINGER

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: ST. MARY'S ENTRANCE CHANNEL
FERNANDINA BEACH, FL

WEEKLY SUMMARY

Dates 01 / 22 / 01 - 01 / 28 / 01 Load Numbers 01-23

Range of Water Temp., Surface 42°-48°F Below Mid-Depth 42°-48°F

Areas Worked (lat/longs, stations) STATION #'S 100-180

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

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

NO INCIDENTS OF TURTLE TAKES OR WHALE SIGHTINGS DURING THIS PERIOD OF TIME.

ALL INFLOW BOXES APPEAR TO BE EFFECTIVELY SCREENING; HOWEVER WHEN SEA TEMPERATURES RISE, ALL BOXES WILL REQUIRE APPROPRIATE COVERS SO OBSERVERS WON'T OVERLOOK POSSIBLE INCIDENTAL CAPTURES.

DREDGED MATERIAL CONSISTS OF COURSE HEAVY SAND COMBINED WITH SHELL, SHELL FRAGMENTS, ROCK, & CLAY.

BIOLOGICAL BYCATCH SEEN THUS FAR: OYSTERS, COCKLES, CLAM, RAZOR CLAMS, LIGHTNING WHELKS, FLORIDA HORSE CONCHS, HERMIT CRABS, SCALLOPS, OLIVES, HORSESHOE CRAB, SPINY MUREICEA, SEA FANS, BUSHY BRYOZOANS, CORAL, SOUTHERN STINGRAY, SEA WHIPS, & AN UNID. MARINE WORM.

ABIOTIC SAMPLES SEEN IN OVERFLOW & INFLOW BOXES ARE: PLASTIC PIECES, PLASTIC BAGS, MISC. FABRIC, MESH, HEMP LINE, NYLON LINE, COTTON ROPE, FIBERGLASS, FOAM PADDING, CARPET, FIRE HOSE, LEATHER SHOE SOLE, CLAY, & ROCKS.

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
01 / 22	T.t. (1)	1440 @ DISCHARGE SITE DIVING 300' to point
01 / 24	T.t. (2)	0959 OUTBOUND S OF CHANNEL BUOY #22
01 / 24	UNID. DOLPHINS (SPOTTED?) (9F11)	1207 E @ BUOY 9: SEE ADDITIONAL NOTATIONS ON SAME DAY DAILY REP.
01 / 27	T.t (1, 3.4)	1708-1720 2 SEPERATE GROUPS. MOVING W OUTBOUND.
/		
01 / 28	T.t (1)	1813 TO STARBOARD HEADING W IN CHANNEL; LEISURELY SURFACING.
/		

Observers on duty

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: ST. MARY'S ENTRANCE CHANNEL

DAILY REPORT

Date 01 / 29 / 01 Load Numbers 24-26

Area(s) Worked STATIONS 106-168

Weather Conditions (incl. sea conditions) E/ESE 3-15 KNOTS; BSS1; SEAS CALM; CLEAR - PARTLY CLOUDY

Range of Water Temp., Surface 42°F Below Mid-Depth 42°F

Condition and Effectiveness of Screening SCREENING OF INFLOW & OVERFLOW BOXES CONTINUES TO FUNCTION EFFECTIVELY.

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

NO INCIDENTAL CAPTURES OF SEA TURTLES OR MARINE MAMMAL SIGHTINGS.

DREDGED MATERIAL REMAINS A CONSISTENT MIXTURE OF SHELL, SHELL FRAGMENTS, & HEAVY COURSE SAND W/ OCCASIONAL CLAY & ROCKS.

BIOLOGICAL BYCATCH INCLUDES: WHELK SHELLS, COCKLES, RAZOR CLAMS, CLAMS, SEA WHIPS, BUSHY BRYOZOANS, LION'S PAW (LG. SCALLOPS), & WOOD.

ABIOTIC SAMPLES INCLUDE: ROCKS, FIREHOSE 10' +/-, PLASTIC, PLASTIC BAGS, NYLON ROPE, PLASTIC NET, & RUBBER.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.t	3±5	0735 @ DISPOSAL SITE; 300 YDS OFF PORT BEAM VERY RARELY SURFACING.

Observer(s) on duty BETTE MORRISON & CARRIE SINGER

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: St. Mary's Entrance Channel

DAILY REPORT

Date 01 / 30 / 01 Load Numbers 27-30

Area(s) Worked Stations 134-160

Weather Conditions (incl. sea conditions) Variable Easterlies 3-20 knots, swell 2-3' glassy, fog and rain

Range of Water Temp., Surface 43°F Below Mid-Depth 43°F

Condition and Effectiveness of Screening All screening apparatus appear to be in good functioning condition.

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

There were no incidents involving marine turtles or marine mammals this day.

Dredged material consisted of sand (course, heavy), shell, shell fragments and rock.

Biotic samples from inflow boxes and overflow screens consisted of: wood, sea whip, and shell (lightening whelk, cockle, clam, razor clam, oyster and misc. other).

Abiotic samples from said areas consisted of: rock, chicken wire, Nylon line, plastic, plastic bag, fabric, fishing buoy w/ line, plastic coated wire (20'), clay, rubber tubing, hemp lines and plastic mesh.

Safety meeting performed 1630. Inflow boxes cleared today of rocks & debris.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops Truncatus	3±	1149 in Channel @ buoy #20; slowly surfacing
Tursiops Truncatus	1	1224 along south breaker buoy #22 quick surfacing for 5 minutes followed by a long deep dive then not seen again

Observer(s) on duty Bette Morrison / Carrie Singer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: ST. MARY'S ENTRANCE CHANNEL

DAILY REPORT

Date 01 / 31 / 01 Load Numbers 31-33

Area(s) Worked STATION #'S 134.16Q

Weather Conditions (incl. sea conditions) SE 0-5KNOTS / E 5-10KNOTS; SWELL CALM → 2-3'; FOGGY & CLOUDY.

Range of Water Temp., Surface 45°F Below Mid-Depth 45°F

Condition and Effectiveness of Screening CONDITION & SCREENING IS IN GOOD FUNCTIONING ORDER. HOWEVER, A DECENT SIZED STINGRAY DID MAKE IT TO THE OVERFLOW BOX, LEADING US TO BELIEVE THAT ADDITIONAL SCREENS NEED TO BE IMPLEMENTED AS THE H_2O TEMP. INCREASES & TURTLES ENTER THE AREA.

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

NO INCIDENTS INVOLVING SEA TURTLES OR MARINE MAMMALS.

DREDGED MATERIAL CONSISTS MAINLY OF SAND (COURSE, DENSE) WITH SHELL, SHELL FRAGMENTS, & ROCK.

BIOLOGICAL SPECIMENS INCLUDE: SOUTHERN STINGRAY, FISH (sp?), & MISC. BIVALVES. WOOD.

ABIOTIC INCLUDE: PRIMARILY ROCKS, NYLON LINE, RACKETBALL RACKET (NO STRINGS), RUBBER PIECES, PLASTIC NETTING, PLASTIC BAGS, PLASTIC PIECES, FISHING LINE, HEMP LINE, WIRE, CHICKEN WIRE, PIECE OF RUBBER TIRE, COPPER WIRE, & FABRIC.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.t	1	0740 / MOVING IN CHANNEL, SLOW SURFACING
T.t	1	1305-1325 @ DUMP SITE; SWIMMING BELOW SURFACE W/ SOME SHALLOW DIVES.

Observer(s) on duty BETTE MORRISON & CARRIE SINGER

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: St. Mary's Entrance Channel

DAILY REPORT

Date 02 / 01 / 01 Load Numbers 34-37

Area(s) Worked Stations 137-220

Weather Conditions (incl. sea conditions) overcast, BSS 1, glassy calm winds variable E 0-10 knots

Range of Water Temp., Surface 45°F Below Mid-Depth 45°F

Condition and Effectiveness of Screening All screening apparatus seem to be in good working conditions.

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

There were no incidents involving marine turtle or marine mammals this day.

The dredged material 34, 35 & 37 consisted of course heavy sand, shell shell fragments and rock. Load 36 had some heavy clay like mud included with the aforementioned material.

Biotic material from inflow boxes and screens consisted of: wood, sea whip, bushy bryozoan, stiff & sawtoothed pen shell, keyhole urchin, shell (lightening whelk, jingle, clam, cockle, razor clam, oyster, misc. snail), Bighead searobin, horseshoe crab and unidentified invertebrate (sea squirt?).
Abiotic material from said areas consisted of: rocks, plastic, plastic bag, crab pot, leather shoe sole, chicken wire, wire (coated), welding hammer, nylon line, rubber, aluminum scrap & cable, metal pieces.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops Truncatus	2	0943 @ disposal site (bow & stern) slowly surfacing
Tursiops Truncatus	1	1031 @ " " , swimming alone
Tursiops Truncatus	1	1235 @ buoy 20, tail lob then deep dive @ sea wall
Tursiops Truncatus	3	1350 @ " " , moving N to S, surfacing in unison

Observer(s) on duty Carrie Singer / Bette Morrison

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: ST. MARY'S ENTRANCE CHANNEL

DAILY REPORT

Date 02 / 02 / 01 Load Numbers 38 - 40

Area(s) Worked STATIONS 180 - 220

Weather Conditions (incl. sea conditions) VARIABLE E TO NW 0-20 KNOTS; 1SS2; FOGGY/RAINY

Range of Water Temp., Surface 45°F Below Mid-Depth 45°F

Condition and Effectiveness of Screening ALL SCREENS APPEAR TO BE IN GOOD WORKING ORDER.

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

NO INCIDENTS OF ACCIDENTAL TURTLE TAKES OR MARINE MAMMAL SIGHTINGS, SPECIFICALLY WHALES.

DREDGED MATERIAL IS COMBINATION OF MUD, SAND, ROCK, SHELL, SHELL FRAGMENTS WITH FINE SUSPENDED SILT.

BIOLOGICAL BY-CATCH IN ABOVE LOADS INCLUDES: BLUE CRAB CLAW, MISC. BIVALVES, HORSESHOE CRABS, & WOOD.

ABIOTIC INCLUDES: ROCKS, WIRE, COATED WIRE, METAL, FABRIC, NYLON LINE, PLASTIC, PLASTIC BAGS, MESH, HEMP LINE & GUITAR STRING.

NEWPORT TOOK ON H_2O 0845 - 1130 AFTER LOAD 38 WAS PUMPED OFF.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	5	0814-0827/EN ROUTE TO H_2O/FUEL DOCK UP CHANNEL SLOW SURFACING; SOLITARY FORMATION IN DIFFERENT SIDES OF CHANNEL.

Observer(s) on duty BETTE MORRISON & CHERRIE SINGER

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: St. Mary's Entrance Channel

DAILY REPORT

Date 02 / 03 / 01 Load Numbers 41-45

Area(s) Worked stations 180-220

Weather Conditions (incl. sea conditions) NW/NE 15-20knots; BSS 3; seas choppy, swell 2', overcast

Range of Water Temp., Surface 44°F Below Mid-Depth 44°F

Condition and Effectiveness of Screening All appear to be in good working condition. However, in haul 44 the forward inflow box door came untied (nylon line went missing) and the door remained open throughout dredged activities; no samples were found within.

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

There were no incidents involving marine turtles or marine mammals today.

Dredged material consisted of: sand, suspended mud & silt, shell, shell fragments, rock and some clay.

Biotic samples from screened areas consisted of: horseshoe crab, hermit in a whelk shell, round stingray, florida horse conch, whelk (lightening & channel) sea whips, shell (cockle, clam, razor clam, shift & sawtoothed pen, oyster & other misc.), bighead searobin, wood.

Abiotic samples of said areas included: wire, Aluminum, rocks, iron block, aluminum can, plastic bag, nylon/hemp line, fishing line & hooks, chicken wire, shovel handle, rubber coated wire, netting, 3 shoes, tarp, metal and plastic tubing.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Insiops Truncatus	1	0716 / 100 m from disposal site off stern

Observer(s) on duty Carrie Singer / Bette Morrison

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: ST. MARY'S ENTRANCE CHANNEL

WEEKLY SUMMARY

Dates 01 / 29 / 01 - 02 / 03 / 01 Load Numbers 24 - 45

Range of Water Temp., Surface 42-45°F Below Mid-Depth 42°-45°F

Areas Worked (lat/longs, stations) 106 - 220

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

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

- NO INCIDENTS INVOLVING TURTLE TAKES OR WHALE SIGHTINGS DURING THE ABOVE LOADS.
- CONDITION & EFFECTIVENESS OF SCREENING REMAINS IN GOOD WORKING ORDER; HOWEVER, A SMALL STINGRAY WAS FOUND ON THE STBD OVERFLOW BOX, LEADING US TO BELIEVE THAT COVERS OVER ALL INFLOW APPARATI IS REQUIRED AS H_2O TEMP'S CONTINUE TO RISE & SEA TURTLES RETURN TO AREA.
- DREDGED MATERIAL REMAINS A MIXTURE OF SHELL, SHELL FRAGMENTS, SAND (COURSE), CLAY, & ROCK. BEGINNING W/ LOADS 36 ON, MORE BLACK MUD & SILT WERE SEEN.
- BIOLOGICAL BY-CATCH: WHELK SHELLS, COCKLES, CLAMS, RAZOR CLAMS, SEA WHIPS, BUSHY BRYZOANS, LION'S PAW, SCALLOPS, OYSTERS, MISC. SNAILS, STIPP & SAW-TOOTHED PEN SHELLS, FLA. CONCHS, KEYHOLE URCHINS, BIGHEADED SEA ROBIN, CLEANNOSE SKATE, ROUND STINGRAY, FISH(?) SOUTHERN STINGRAY, HORSESHOE CRABS, UND. INVERTEBRATE (SEA SQUIRT?), BLUE CRAB CLAW, & WOOD.
- ABIOTIC BY-CATCH: FIREHOSE, PLASTIC, PLASTIC BAGS, PLASTIC MESH, NYLON ROPE, POLYPROPALINE LINE, RUBBER, PLASTIC NETTING, CHICKEN WIRE, FABRIC, FISHING BUOY W/ LINE, PLASTIC COATED WIRE, CLAY, ROCKS, RUBBER TUBING, HEMP LINE, BASKETBALL BASKET, FISHING LINE, RUBBER TIRE, COPPER WIRE, CRAB POT, LEATHER SHOE SOLES, WELDING HAMMER, ALUMINUM SCRAPS, CABLE, METAL PIPES, GUITAR STRINGS, IRON ROCK, ALUMINUM CANS, SHOVEL HANDLE, FISHERMANS NET, TARP COVER, WHELK EGG CASE, 3 SHOES, 1 OLD SUNGLASSES & COTTON ROPE.

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
01 / 29	Tursiops truncatus ; 3±5	0735 @ DISPOSAL SITE, LEISURELY SURFACING
01 / 30	Tursiops truncatus ; 3±	1149 IN CHANNEL @ BUOY #28
01 / 30	Tursiop truncatus ; 1	1224 S BREAKER @ BUOY # 22
01 / 31	Tursiops truncatus ; 2	0740-1305 @ DUMPSITE & CHANNEL
02 / 01	T.t ; 7 to 121	0943-1350 @ DUMPSITE TO CHANNEL
02 / 02	T.t ; 5	0814-0827 INLAND NEAR FUEL DOCK
02 / 03	T.t ; 1	0716 - @ DISPOSAL SITE.

Observers on duty BETTE MORRISON & CARRIE SINGER

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: St. Mary's Entrance Channel

DAILY REPORT

Date 02 / 04 / 01 Load Numbers 46, 47 & 48

Area(s) Worked stations 106-110; 180-220

Weather Conditions (incl. sea conditions) NNE 10-15 knots, BSS 3, seas 3-4', swell 3' rainy/overcast

Range of Water Temp., Surface 44° F Below Mid-Depth 44° F

Condition and Effectiveness of Screening All appear to be in good working condition.

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

There were no incidents involving marine turtles or marine mammals.

Dredged material consisted of: (47) mud, suspended silt, sand & clay; (48) Course heavy sand, shell & shell fragments.

Biotic samples from screened inflow & outflow areas included: wood, sea whips, shell (cockle, whelk (lightening), oyster, clam, razor clam, other misc.), clearnose skate, whelk egg case, horseshoe crabs.
Abiotic samples from said areas included: rocks, cotton/nylon line, fan belt, tire piece, fishing line, velcro, copperwire, aluminum scraps, plastic bags, plastic mesh, childs toy and a shoe sole (rubber), sunglasses, tarp cover.
1215-1515 offload at a standstill, fixing the crane.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops Truncatus	1	1355-1357 @ dump site, shallow dives
Tursiops Truncatus	2	1520-1525 @ dump site, operated, shallow diving

Observer(s) on duty Carrie Singer / Bette Morrison

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: ST. MARY'S ENTRANCE CHANNEL

DAILY REPORT

Date 02 / 05 / 01 Load Numbers 49, 50 & 51

Area(s) Worked 106·207 DENSE FOG — SUNNY & WARM

Weather Conditions (incl. sea conditions) NORTHERLYS 0·15KNOTS; BSS 1/2; SWELL 1-3'

Range of Water Temp., Surface 44°F Below Mid-Depth 44°F

Condition and Effectiveness of Screening APPROXIMATELY 1' OF 4"x4" GRATING WAS WELDED ACROSS THE WIDTH OF THE AFT INFLOW BOX. THE FLAP WAS OPEN ON FOWARD BOX ALLOWING ≈ 10 MIN. OF MATERIAL TO FLOW THRU W/O SCREENING DURING LOAD 51. PROBLEM RECTIFIED @ 1815 BY 1ST MATE.

Are there incidents involving endangered or protected species? YES NO

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

NO INCIDENTS INVOLVING SEA TURTLES OR MM SIGHTINGS DURING THESE LOADS.

DREDGED MATERIAL CONSISTED OF MUD, CLAY, HEAVY COURSE SAND; SOME SUSPENDED SILT & OTHER PARTICULATE.

BIOLOGICAL BYCATCH: LIGHTNING WELKS, SEA WHIPS, OYSTERS, COCKLES, SCALLOPS, LIMPETS, & RAZOR CLAMS; WOOD.

ABIOTIC BYCATCH: FISHING NET & LINE, COPPERWIRE, FIBERGLASS, PLASTIC OIL CONTAINER, FISHING HOOKS, RUBBER PIECES, PLASTIC BAGS, NYLON LINE, FABRIC, PLASTIC NETTING, WIRE, & ROCKS.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	2	0736 / @ CHANNEL BUOY 21 INBOUND / DEEP DIVING
"	2 * (POSSIBLY SAME PAIR)	0811 / @ CHANNEL BUOY 21 / SURFACING IN UNISON.

Observer(s) on duty CARRIE SINGER & BETTE MORRISON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: St. Mary's Entrance Channel

DAILY REPORT

Date 02 / 06 / 01 Load Numbers 52-55

Area(s) Worked Stations 106-122

Weather Conditions (incl. sea conditions) BSS1, winds NE 0-5 knots, clear and lovely

Range of Water Temp., Surface 52-53 °F Below Mid-Depth 52-53° F

Condition and Effectiveness of Screening All screening appears to be in good working condition.

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Dredged material consisted of: course heavy sand, shell & shell fragments. There were no incidents involving marine turtles or marine mammals today.

★ – Biotic samples from screened areas consisted of: wood, root, and shell (lightning whelk, oyster, clam, razor clam, cockle, other misc.)

– Abiotic samples from screened areas consisted of: rock, fishing line, plastic, plastic bag, cotton, fabric, nylon line, galvanized chain & line, wire.

★ load 53 contained what appeared to be 2 whale vertebrae (cerebral?) blackened, they are the darkest (charcoal like in appearance) that Bette has ever seen.

As the spud barge was not anchored securely the vessel went to anchor until 0700, where the problem was rectified. 1415-1435 split hull and cleared valves before dredging.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	1	1415 @ buoys 22-23 long slow dives
Tt	1	1635 @ dumpsite, astern
Tt	2	1820 @ dump site diving & surfacing at their leisure on the high slack tide

Observer(s) on duty Bette Morrison / Carrie Singer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: ST. MARY'S ENTRANCE CHANNEL

DAILY REPORT

Date 02 / 07 / 01 Load Numbers 56-59

Area(s) Worked STATIONS 104 - 126

Weather Conditions (incl. sea conditions) VARIABLE EASTERLIES; BSS1; SEAS CALM, SUNNY & WARM

Range of Water Temp., Surface 54°F Below Mid-Depth 54°F

Condition and Effectiveness of Screening AFT INFLOW BOX OPENED DURING LOAD 56 DURING DREDGING. BOTH INFLOWS WERE TIED DOWN SECURELY SO NEITHER SCREEN COULD OPEN UNKNOWINGLY AGAIN. SITUATION RECTIFIED @ 0418

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

NO INCIDENTS INVOLVING SEA TURTLES OR MARINE MAMMAL SIGHTINGS.

DREDGED MATERIAL MAINLY CONSISTS OF COURSE HEAVY SAND MIXED WITH SHELL, SHELL FRAGMENTS & SOME SMALLER ROCKS.

BIOLOGICAL BYCATCH: LIGHTNING WHELKS, OYSTERS, CLAMS, RAZOR CLAMS, COCKLES, LIONS PAW, LIMPETS, MOON SNAILS, SEA WHIPS, Pld. HORSE CONCHS, HORSE SHOE CRABS, & WOOD.

ABIOTIC: COTTON GLOVES, PLASTIC, PLASTIC MESH, PLASTIC BAGS, FABRIC, NYLON LINE, RUBBER BOOT, COPPER WIRE, WIRE, RUBBER MAT, ALUMINUM PIECE, NYLON FISHING LINE, & ROCKS

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TE	1	1410 LEAVING DUMPSITE MOVING W
TE	1-2	1510 @ BUOY #22 MOVING E OUT OF CHANNEL
TE	4	1650-1725 @ DUMPSITE, FEEDING ALONG TIDE STREAKS ON THE FLOOD.

Observer(s) on duty CARRIE SINGER & BETTE MORRISON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: ST. MARY'S ENTRANCE CHANNEL

DAILY REPORT

Date 02 / 08 / 01 Load Numbers 60 - 63

Area(s) Worked STATION 106 - 122

Weather Conditions (incl. sea conditions) VARIABLE EASTERLIES; BSSI; SEAS CALM & SKIES CLEAR w/ 1' SWELL

Range of Water Temp., Surface 54°F Below Mid-Depth 54°F

Condition and Effectiveness of Screening SCREENING CONTINUES TO FUNCTION ACCORDINGLY.

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

→ NO INCIDENTS INVOLVING ACCIDENTAL TURTLE TAKES OR WHALE SIGHTINGS.

→ COAST GUARD ANNOUCED SIGHTING OF RIGHT WHALE IN SEBASTIAN INLET @ 1109.

→ DREDGED MATERIAL CONSISTS MAINLY OF HEAVY, COURSE SAND WITH A COMBINATION OF SHELL & SHELL FRAGMENTS. SOME SMALL ROCKS SEEN IN HOPPER.

→ BIOLOGICAL BYCATCH: FLD. HORSE CONCHS, L. & C. WHELKS, OYSTERS, SCALLOPS, COCKLES, LIONS PAW, CLAMS, RAZOR CLAMS, SEA WHIPS, MISC. VEGETATION, & WOOD.

→ ABIOTIC BYCATCH: FABRIC, PLASTIC, PLASTIC BAGS, RUBBER, WIRE, CHICKEN WIRE, NYLON LINE, COTTON NETTING & CABLE

→ SMALL RIVER OTTER SITED @ DUMPSITE CLIMBING B/W DISCHARGE TUBE & SWIMMING IN BETWEEN GROINS OF BEACH. VERY AGILE, SOLITARY; SLIM SNOUT, ALMOND COLORING, CYLINDRICAL TAIL & WEBBED FEET. CHRIS SLAY NOTIFIED. (0739-0750)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.T.	3	0731 / @ DUMPSITE BUOY #01 / SLOW SURFACING ON STBD
TT	4	0916 / HEADING DOWN CHANNEL BUOY #22 / SHALLOW QUICK SURFACING
RIVER OTTER	1	1330 / @ DUMPSITE RUNNING ACROSS B/W GROINS & JETTY.
TT	2 OR 3	1810 / DUMPSITE, 2 BOW RIDING OUTGOING FREIGHTER 3 SURFACING IN UNISON.

Observer(s) on duty CARRIE SINGER & BETTE MORRISON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: ST MARYS ENTRANCE CHANNEL

DAILY REPORT

Date 02 / 09 / 01 Load Numbers 64-67

Area(s) Worked 106-126, 186-219

Weather Conditions (incl. sea conditions) BSS1 - BSS2, SEAS CALM to 15 knots with swells to 2 FT

Range of Water Temp., Surface 56°-58°F Below Mid-Depth 56°-58°F

Condition and Effectiveness of Screening ALL SCREENING APPEARS TO BE IN GOOD WORKING CONDITION

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

There were no incidents involving sea turtles.

Dredged material consists of course heavy sand, shell, shell fragments silt and clay

Biological Bycatch: C+L whelks, Blood worms, unidentified fish, horseshoe crabs, sea whips, bushy bryzoan, blue crab, sea cucumber, Florida horse conch, hermit crabs, Sting ray juv. flounder, starfish, sea squirt, eel, oysters

Abiotic Bycatch: cotton batting, plastic, nylon line, fabric, 500 FT stainless steel cable shackle, rubber gloves, sunglasses, shoe soles, visor hat, Food wrappers, aluminum can

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Teruncatus	1	1543 / @ disposal site / surfacing in circular pattern
Teruncatus	3	1713 / @ Buoy #18 / slow surfacing
Teruncatus	5+ 1	1800 / in channel heading e / surfacing in unison

Observer(s) on duty Bette Morrison, Carrie Singer, Debranne Dominguez

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: ST. MARY'S ENTRANCE CHANNEL

DAILY REPORT

Date 02 / 10 / 01 Load Numbers 68-71

Area(s) Worked 1016-2220

Weather Conditions (incl. sea conditions) VARIABLE EASTERLIES; 10-15 KNOTS; BSS 1-2; SEAS CALM 1-2' SWELL

Range of Water Temp., Surface 58°F Below Mid-Depth 58°F

Condition and Effectiveness of Screening SCREENING CONTINUES TO BE MONITORED & REMAINS IN EXCELLENT WORKING CONDITION.

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

NO INCIDENTS OF TURTLE TAKES OR WHALE SIGHTINGS IN THE ABOVE MENTIONED LOADS.

DREDGED MATERIAL RANGES IN THE CONCENTRATION OF CLAY. MOSTLY CONSISTS OF SHELL, SHELL FRAGMENTS & SILT SUSPENDED IN THE H_2O COLUMN. LOAD #70 CONTAINED MASSIVE AMOUNTS OF DRIFTWOOD.

BIOLOGICAL BYCATCH: COCKLES, SCALLOPS, CLAMS, RAZOR CLAMS, QUAHOGS, L & C WHELKS, OYSTERS, & MISC. GASTROPODS & BIVALVES. SEA CUCUMBER, HORSESHOE CRABS, SEA WHIPS, STINGRAY, BUSHY BRYZOANS, & FLD. HORSE CONCHS. POSSIBLE SHARKS TOOTH

ABIOTIC BYCATCH: SHOES, SANDALS, SHOE SOLES, COTTON GLOVES, SCRAP METAL, PIECES OF CARPET, PLASTIC FRAGMENTS, PLEXIGLASS PIECES, BROKEN THERMOMETER, LARGE FAN BELTS, PLASTIC JUGS, FISHING LINE w/ HOOKS, FIBERGLASS, ALUMINUM CANS, FABRIC, CORDING.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TE	1	0655 / @ DISPOSAL SITE / SLOW SURFACING
TE	1	1557 / INBOUND CHANNEL / SLOW " .

Observer(s) on duty CARRIE SINGER, DEB DOMINGUEZ

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: ST. MARY'S ENTRANCE CHANNEL

WEEKLY SUMMARY

Dates 02 / 04 / 01 - 02 / 10 / 01 Load Numbers 46-71

Range of Water Temp., Surface 44°-58°F Below Mid-Depth 44-58°F

Areas Worked (lat/longs, stations) STATIONS 106-220

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

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

APPROX. 1' OF 4"X4" GRATING WAS WELDED ACROSS THE WIDTH OF INFLOW BOXES TO BETTER "KEEPING CONTENTS FROM MISTAKENLY FLUTERING OVER THE TOP DURING DREDGING. APPEARS TO BE EFFECTIVE. THERE WERE NO INCIDENTS INVOLVING SEA TURTLES OR MARINE MAMMALS DURING THESE LOADS. DREDGED MATERIAL VARIES DEPENDING ON STATION BEING DREDGED. OFTEN IT IS A MIXTURE OF COURSE HEAVY SAND WITH SHELL, SHELL FRAGMENTS, & SOME ROCK. DURING MOST RECENT LOADS, A HIGHER CONTENT OF CLAY WAS SEEN. ALSO AN ABUNDANCE OF DRIFTWOOD.

BIOTIC SAMPLES FROM INFLOW & OVERFLOW BOXES INCLUDED: WOOD, SEA WHIPS, L & C WHELKS, OYSTERS, CLAMS, RAZOR CLAMS, QUAHOGS, CLEARNOSE SKATE, WHELK EGGCASE, HORSESHOE CRABS, BLUE CRABS, HERMITS, STINGRAYS, SCALLOPS, LIMPETS, ROOTS, LIONS PAWS, MOON SNAIL, Fld. HORSE CONCHS, BLOOD WORMS, UNID. FISH, JUV. FLOUNDER, BUSHY BRYZOANS, SEA CUCUMBERS, SEA SQUIRTS, STARFISH, EEL, & A POSSIBLE SHARKS TOOTH & TWO WHALE VERTEBRAE (CEREBRAL?)

ABIOTIC SAMPLES FROM SAID LOADS INCLUDES: ROCKS, COTTON/NYLON LINE, FAN BELTS, TIRE PIECES, FISHING LINE, VELCRO, COPPERWIRE, ALUMINUM SCRAPS, PLASTIC BAGS, PLASTIC MESH, CHILDS TOY, RUBBER SHOE SOLES, SUNGLASSES, TARP COVER, FISHING NET, FIBERGLASS, PLASTIC JUGS, FABRIC, PLASTIC NETTING, GALVANIZED CHAIN, RUBBER BOOTS, RUBBER MATS, CHICKEN WIRE, COTTON BATTING, 500 ft STAINLESS STEEL CABLE, SHACKLE, RUBBER GLOVES, VISOR ON HAT, FOOD WRAPPER, PLEXIGLASS, BROKEN THERMOMETER, LARGE FAN BELTS, CARPET, CORDING.

Bridge Watch Summary

Date	Various Species and Respective Number		Comments
02 / 04	Tursiops truncatus	1	1355-1357 @ DUMP SITE / SHALLOW DIVES
02 / 04	TT	2	1520-1525 @ DUMP / SEP. SHALLOW DIVES
02 / 05	TT	2	0734-0811 @ BUOY 21 SURFACING IN UNISON
02 / 06	TT	1-2	1415-1820 BUOY 22 & DUMP / LONG SLOW DIVES.
02 / 07	TT	1, 1-2, 4	1410-1425 MOVING E/W FEEDING ON STREAKS
02 / 08	RIVER OTTER	1	1338 @ DUMP SITE ON GROINS & JETTY
02 / 08	TT	3, 4, 1, 2±1	0731-1810 DUMP SITE & CHANNEL.
02 / 09	TT	1, 3, 5±1	1543-1800 DISPOSAL SITE etc...

Observers on duty CARRIE SINGER, BETTE MORRISON, & DEB DOMINGUEZ

02 / 10	TT.	1, 1	0955-1557 DISPOSAL SITE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: ST MARYS ENTRANCE CHANNEL

DAILY REPORT

Date 02 / 11 / 01 Load Numbers 72 - 75

Area(s) Worked 106 - 120

Weather Conditions (incl. sea conditions) WINDS GUSTY FROM SW - NNE, 10 - 30 KNOTS, SEAS BSS3 WITH UP TO 2' SWELLS

Range of Water Temp., Surface 58° F Below Mid-Depth 58° F

Condition and Effectiveness of Screening SCREENING WAS EFFECTIVE

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

NO INCIDENTS OF TURTLE TAKES OR WHALE SIGHTINGS

DREDGED MATERIAL CONSISTED OF COURSE SAND WITH SHELL AND SHELL FRAGMENTS NO CLAY OR OTHER SUSPENDED PARTICULATE

BIOLOGICAL BYCATCH: OYSTERS, FLORIDA CONCH, MATTRESS SPONGE, LIONS PAW, WHELKS, SEAWEEDS, WOOD

ABIOTIC BYCATCH: PLASTIC, NYLON LINE, FIBERGLASS, ROLL OF STAINLESS STEEL, PLEXIGLASS, RUBBER CAR MAT, ROCKS

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty Debranne Dominguez, Carrie Singer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: ST. MARY'S ENTRANCE CHANNEL

DAILY REPORT

Date 02 / 12 / 01 Load Numbers 76 - 79

Area(s) Worked STATIONS 186 - 206 COLD, FOGGY, OVERCAST.

Weather Conditions (incl. sea conditions) NNE GUSTING 10-30 KNOTS; BSS 2-4; SEAS CHOPPY W/ 1-5' SWELL

Range of Water Temp., Surface 50°F Below Mid-Depth 50°F

Condition and Effectiveness of Screening SCREENING CONTINUES TO BE MONITORED & IS EFFECTIVE AS WELL AS IN GOOD WORKING CONDITION.

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

NO INCIDENTS OF ACCIDENTAL TURTLE TAKES OR WHALE SIGHTINGS.

DREDGED MATERIAL VARIES DEPENDING ON SECTIONS WORKED; HOWEVER IT IS MAINLY COURSE HEAVY SAND W/ SHELL, SHELL FRAGMENTS, & SOME ROCK & CLAY.

BIOLOGICAL BYCATCH EXTRACTED FROM INFLOW & OVERFLOW BOXES: OYSTERS L. & C. WHELKS, COCKLES, SCALLOPS, CLAMS (RAZOR), MOON SNAILS, PLD. HORSE CONCHS, SEA WHIPS, HORSESHOE CRABS, KEYHOLE URCHINS, ALBINO STARFISH, & 20lb+/- JENFISH & WOOD.

ABIOTIC FROM SAND BOXES INCLUDES: ROCKS, PLASTIC, PLASTIC DIVING FLIPPER, 5ft PLASTIC TUBING, TIRE PARTS, ALUMINUM, PLEXIGLASS, PLASTIC JUG, ROD & REEL (GRAPHITE L41), SPONGE, PLASTIC BAGS, NYLON LINE, FIBERGLASS, PLASTIC MESH BAG, & RUBBER TUBING.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TE	2	0934/ OFF DISPOSAL SITE / SWIMMING IN CIRCULAR PATTERN
TE	1	1220/@ DISPOSAL SITE / SLOW SURFACING, SOLITARY.
TE	1	1431 /@ SHOAL BUOYS/ SLOW SURFACING

Observer(s) on duty DEB DOMINGUEZ & CARRIE SINGER

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: ST MARYS ENTRANCE CHANNEL / SETTLING BASIN

DAILY REPORT

Date 02 / 13 / 01 Load Numbers 80 - 83

Area(s) Worked STATIONS 180 - 220

Weather Conditions (incl. sea conditions) WINDS NE 5-14 KNOTS, BSS1 - BSS2, FOGGY POOR VISIBILITY

Range of Water Temp., Surface 56° F Below Mid-Depth 56° F

Condition and Effectiveness of Screening

SCREENING WAS EFFECTIVE

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

NO INCIDENTS INVOLVING TURTLES OR MARINE MAMMAL SIGHTINGS

SCREENING WAS EFFECTIVE

DREDGED MATERIAL CONSISTED OF COURSE SAND WITH SHELL FRAGMENTS & SHELL AND DARKER SAND WITH LARGE QUANTITY OF MUD/SILT

BIOLOGICAL BYCATCH: HORSE SHOE CRABS, CLEARNOSE SKATE, ROCKFISH, WHELKS, FLORIDA HORSE CONCH, OYSTERS, WOOD

ABIOTIC BYCATCH: CHICKEN WIRE, RED PLASTIC MESH, NYLON LINE, PLASTIC, STEEL WIRE, ROCK

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty Debianne Dominguez & Carrie Singer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: ST. MARY'S ENTRANCE CHANNEL

DAILY REPORT

Date 02 / 14 / 01 Load Numbers 84-87

Area(s) Worked STATIONS 180 · 220 DENSE FOG

Weather Conditions (incl. sea conditions) LIGHT NE; BSSO/1; SEAS CALM; NO SWELL

Range of Water Temp., Surface 58°F Below Mid-Depth 58°F

Condition and Effectiveness of Screening SCREENING ON INFLOW/OVERFLOW BOXES REMAINS IN GOOD CONDITION & IS WORKING EFFECTIVELY.

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

NO INCIDENTS INVOLVING ACCIDENTAL SEA TURTLE TAKES OR WHALE SIGHTINGS OCCURRED DURING THESE LOADS.

DREDGED MATERIAL CONSISTENTLY CONSISTS OF HEAVY, COURSE SAND GRAINS WITH SHELL & SHELL FRAGMENTS. SOME LOADS HAD SUSPENDED SILT IN HOPPER & OCCASIONAL CLAY.

BIOLOGICAL: HORSESHOE CRABS, L/C WHELKS, OYSTERS, SCALLOPS, CLAMS, & OTHER MISC. BIVALVES, BLUE CRAB, KEYHOLE URCHINS & SEA WHIPS. WOOD.
ABIOTIC: PLASTIC BAGS ONLY.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TE	3	1232/ @ DISPOSAL SITE/QUICK BREATHES @ SURFACE
TE	3	1537/ OUTBOUND · BUOY 19/SLOW DEEP DIVES.
TE	6±2	1545/ @ BUOY 16/CIRCULAR DIVES BARELY SUBMERGED

Observer(s) on duty CARRIE SINGER / DEBBIE DOMINGUEZ

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: ST MARYS ENTRANCE CHANNEL

DAILY REPORT

Date 02 / 15 / 01 Load Numbers 88-90

Area(s) Worked STATIONS [redacted] 180 ~ 220

Weather Conditions (incl. sea conditions) NE, SW, N WINDS 5-10 KNOTS BSSI, SEAS CALM, NO SWELL

Range of Water Temp., Surface 58° F Below Mid-Depth 58° F

Condition and Effectiveness of Screening

SCREENING WAS EFFECTIVE

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

NO INCIDENTS INVOLVING SEA TURTLES

NO WHALE SITINGS

DREDGED MATERIAL CONSISTED OF COURSE SAND, SHELL FRAGMENT & SHELL

SCREENING WAS EFFECTIVE

- NEWPORT DOCKED FOR FUEL & WATER, SPUD BARGE MOVED TO NEW LOCATION

BIOLOGICAL BYCATCH: HORSESHOE CRABS, KEYHOLE URCHINS, LIGHTNING WHELKS, SEA WHIPS, OYSTERS, BUSHY BRYZOAN, WOOD.

ABIOTIC BYCATCH: RUBBER BOOTS, PLASTIC BAGS, NYLON ROPE

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TT	1	0700 / @ DISPOSAL SITE
TT	2	1151 / NEAR BUOY 20

Observer(s) on duty CARRIE SINGER & DEBRANNE DOMINGUEZ

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: ST. MARY'S ENTRANCE CHANNEL

DAILY REPORT

Date 02 / 16 / 01 Load Numbers 91-94

Area(s) Worked STATIONS 180-220 BLUE SKIES & SUNNY

Weather Conditions (incl. sea conditions) VARIABLE EASTERLIES 10+ KNOTS; BSS 1/2; SEAS VERY CALM

Range of Water Temp., Surface 58°F Below Mid-Depth 58°F

Condition and Effectiveness of Screening CONDITION OF SCREENING ON INFLOW/OVERFLOW REMAINS IN GOOD WORKING ORDER.

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

IN THE ABOVE LISTED LOADS, NO INCIDENTS INVOLVING ACCIDENTAL SEA TURTLE CAPTURES OR WHALE SIGHTINGS OCCURRED.

MATERIAL REMOVED FROM THE BOTTOM IS PRIMARILY MED-COURSE SAND GRAINS W/ A LIGHT MIXTURE OF SHELL & SHELL FRAGMENTS (MOSTLY BIVALVES) WITH A MINIMAL AMOUNT OF CLAY.

BIOTIC SAMPLES REMOVED FROM SAID LOADS IS HERMIT CRABS, HORSESHOE, [redacted] CRABS, SPIDER CRAB, KEYHOLE URCHINS, CHANNEL/LIGHTNING WHELKS, SEA WHIPS, POSSIBLE JENFISH INTESTINE/GILLS, OYSTERS, RAZOR CLAMS, QUAHOGS, SCALLOPS; WOOD. ABIOTIC SAMPLES INCLUDE STEEL WIRE, CHICKEN WIRE, ALUMINUM SCRAPS, PLEXIGLASS PIECES, PLASTICS, RUBBER, PLASTIC BAGS, & ROCKS.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO SIGHTINGS		

Observer(s) on duty CARRIE SINGER & DEBBIE DOMINGUEZ

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: ST MARYS ENTRANCE CHANNEL

DAILY REPORT

Date 02 / 17 / 01 Load Numbers 95 - 97

Area(s) Worked STATIONS 180 ~ 220

Weather Conditions (incl. sea conditions) SUNNY - PARTLY SUNNY WINDS SE, NE, NNE 5-15 KNOTS, SEAS CALM TO CHOPPY

Range of Water Temp., Surface 58° F Below Mid-Depth 58° F

Condition and Effectiveness of Screening

SCREENING WAS EFFECTIVE AND IS IN GOOD WORKING ORDER

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

NO INCIDENTS INVOLVING SEA TURTLES, OR WHALE SIGHTINGS

MATERIAL DREDGED IS PRIMARILY MEDIUM COURSE SAND WITH SHELL (BIVALVES) SHELL FRAGMENT AND SOME SUSPENDED SILT WITH A MINIMAL AMOUNT OF CLAY

BIOTIC MATERIAL: HORSESHOE CRABS, CHECKERED PUFFER FISH, SPIDER CRABS, SEWFISH, MUREX, WHELKS FLA HORSE CONCH, OYSTERS, COCKLES, SCALLOPS, LG TUNICATE, SEA WHIPS, SCALLOPS, WOOD

ABIOTIC MATERIAL: PLASTIC, PLASTIC BAGS, FABRIC, WIRE, FIBERGLASS, NYLON LINE

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TT	1	1535/ INBOUND 300 YDS OFF BEACH/ SOLITARY SUMMER
TT	5 ± 1	1751/ @ BUOY 22 OUTBOUND OFF CHANNEL/ UNDER SURFACING

Observer(s) on duty Debranne Dominguez / Carrie Singer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: ST. MARY'S ENTRANCE CHANNEL

DAILY REPORT

Date 02 / 18 / 01 Load Numbers 98 - 101

Area(s) Worked 180 ~ 220 CLEAR SKIES & WINDY

Weather Conditions (incl. sea conditions) NNE 4-25 KNOTS; BSS 4; SEAS ROUGH w/ 4-6' SWELL

Range of Water Temp., Surface 60°F Below Mid-Depth 60°F

Condition and Effectiveness of Screening SCREENING IS SATISFACTORY & IS IN GOOD CONDITION.

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

NO INCIDENTS INVOLVING SEA TURTLE TAKES OR MARINE MAMMAL SIGHTINGS.

DREDGED MATERIAL REMAINS MEDIUM-COURSE SAND GRAINS WITH A MIXTURE OF SHELL & NUMEROUS SHELL FRAGMENTS.

BIOTIC SAMPLES EXTRACTED FROM IN/FLOW/OVERFLOW BOXES INCLUDED: HORSESHOE CRABS, BLUE CRABS, MISC. BIVALVES, L./C. WHELKS, BUSHY BRYZOANS, SEA WHIPS, MUREX, FLD. HORSE CONCHS, OYSTERS, ANTILLIAN PEANUT WORM, LG. TUNICATE, FISH GUTS (Sp?), & WOOD.

ABIOTIC SAMPLES INCLUDED RED PLASTIC TUBING, PLASTIC, PLASTIC BAGS, FISHING LINE, STAINLESS STEEL CABLE, ROPE, ALUMINUM CANS, NYLON LINE

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO SIGHTINGS		

Observer(s) on duty CARRIE SINGER & DEBRANNE DOMINGUEZ

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: ST. MARYS ENTRANCE CHANNEL

WEEKLY SUMMARY

Dates 02 / 11 / 01 - 02 / 18 / 01 Load Numbers 72-101

Range of Water Temp., Surface 50°-60°F Below Mid-Depth 50°-60°F

Areas Worked (lat/longs, stations) 106 ~ 220

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

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

NO INCIDENTS IN THE ABOVE LISTED LOADS INVOLVING SEA TURTLE TAKES OR WHALE SIGHTINGS
SCREENING REMAINS IN GOOD CONDITION & IS WORKING EFFECTIVELY.
MATERIAL REMOVED FROM BOTTOM IS MEDIUM-COURSE SAND GRAINS WITH SHELL & SHELL FRAGMENTS; OCCASIONAL CLAY & OTHER SUSPENDED PARTICULATE SEEN.
BIOTIC BYCATCH EXTRACTED FROM BOTH INFLOW/OVERFLOW BOXES CONSISTED OF: FLD. HORSE CONCHS, WHELKS (LIGHTNING & CHANNEL), MUREX, OYSTERS, QUAHOGS, CLAMS, RAZOR CLAMS, LIONS PAW, SCALLOPS, MOON SNAILS, COCKLES, KEYHOLE URCHINS, SEA WHIPS, BUSHY BRYZOANS, HORSESHOE CRABS, BLUE CRABS, SPIDER CRABS, HERMIT CRABS, JEWFISH, CHECKERED PUFFERFISH, ROCKFISH, LG. TUNICATE, ANTILLIAN PEANUT WORM, CLEARNOSE SKATE, & WOOD.
ABIOTIC SAMPLES COLLECTED ARE PLASTICS, NYLON LINE, ROPE, FIBERGLASS, STAINLESS STEEL ROLL, MATTRESS SPONGE, PLEXIGLASS, RUBBER CAR MAT, PLASTIC DIVING FLIPPER, 5ft PLASTIC TUBING, TIRE PARTS, ALUMINUM, ROD & REEL, PLASTIC BAGS, MESH BAGS, RUBBER TUBING, CHICKEN WIRE, RUBBER BOOTS, FABRIC, FISHING LINE, ALUMINUM CANS, & OTHER MISC. WIRE.

Bridge Watch Summary

Date	Various Species and Respective Number		Comments
02 / 12	Tursiops truncatus	2	0934/ OFF DISPOSAL SITE / CIRCULAR MOVE.
02 / 12	"	1	1220-1431/ @ BUOY SHOAL / SLOW SURFACING
02 / 14	"	3	1232/ @ DISPOSAL SITE / QUICK SURFACING
02 / 14	"	6±2	1545/ @ BUOY 16/ BARELY SUBMERGED
02 / 15	"	1	0900/ @ DISPOSAL SITE
02 / 17	"	1	1535/ INBOUND 200 YDS FROM BEACH
02 / 17	"	5±1	1751/ @ BUOY 22 OUTBOUND OFF CHANNEL

Observers on duty CARRIE SINGER & DEBRANNE DOMINGUEZ

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: ST MARY CHANNEL

DAILY REPORT

Date 02 / 19 / 01 Load Numbers 102-104

Area(s) Worked STATIONS 180-220

Weather Conditions (incl. sea conditions) WINDS NNW, NNE 8-20 KNOTS, BSS 2-BSS3
SEAS SLIGHT CHOP - CHOPPY WITH 1'-2' SWELLS, SKIES CLEAR IN AM AND PARTLY CLOUDY IN EVENING

Range of Water Temp., Surface 60° F Below Mid-Depth 60° F

Condition and Effectiveness of Screening

SCREENING WAS EFFECTIVE

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

NO INCIDENTS INVOLVING TURTLES, MARINE MAMMALS OR WHALE SIGHTINGS

DREDGED MATERIAL REMAINS MEDIUM - COURSE SAND WITH SHELL (BIVALVES) AND SOME SHELL FRAGMENTS (WITH SOME CLAY)

ABIOTIC MATERIAL: PLASTIC JUG ROPE, COPPER WIRE, PLASTIC

BIOTIC MATERIAL: HORSESHOE CRABS, HERMIT CRAB, STING RAYS, OYSTERS, WHELKS, MUREX, WOOD, SEA WHIPS

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty CARRIE SINGER & DEBRANNE DOMINGUEZ

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: ST. MARYS ENTRANCE CHANNEL

DAILY REPORT

Date 02 / 20 / 01 Load Numbers 105-108

Area(s) Worked 180.220 STATIONS 5.15K VARIABLE EASTERLIES; CLEAR

Weather Conditions (incl. sea conditions) BSSI; SEAS CALM NO SWELL

Range of Water Temp., Surface 61°F Below Mid-Depth 61°F

Condition and Effectiveness of Screening SCREENING IS INSPECTED & MONITORED EACH LOAD; ALL ARE WORKING ACCORDINGLY

Are there incidents involving endangered or protected species? YES NO

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

NO TURTLE TAKES DURING THESE LOADS OR WHALE SIGHTINGS.

DREDGED MATERIAL IS BECOMING FINER W/ EACH LOAD. MINIMAL SHELL & SHELL FRAGMENT CONTENT; SOME CLAY.

BIOTIC SAMPLES EXTRACTED ARE WOOD, SEA WHIPS, STINGRAY, KEYHOLE URCHINS, L/C WHELKS, OYSTERS, COCKLES, FLD. HORSE CONCHS BLUE & HORSESHOE CRABS, CLEARNOSE SKATES, SLANTOPS, & MUREX. ABIOTIC MATERIAL REMOVED WAS STAINLESS STEEL WIRE MESH, ROPE, BLEACH BOTTLE, PLASTIC SANDAL, PLASTIC BAGS, SCRAP STEEL, WIRE, & FABRIC

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	2	0835/ BUOY # 20 / CIRCULAR SWIM PATTERN!
TE	2	1551 / W Opp BUOY #18/ SLOW SHALLOW SURFACE

Observer(s) on duty DEBRANNE DOMINGUEZ & CARRIE SINGER

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: ST MARYS ENTRANCE CHANNEL

DAILY REPORT

Date 02 / 21 / 01 Load Numbers 109 - 111

Area(s) Worked STATIONS 180 ~ 220

Weather Conditions (incl. sea conditions) WINDS N, E 0 - 15 KNOTS, BSSI WEATHER: OVERCAST & HAZY SEAS CALM, NO SWELL

Range of Water Temp., Surface 61° F Below Mid-Depth 61° F

Condition and Effectiveness of Screening

SCREENING WAS EFFECTIVE

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

NO INCIDENTS INVOLVING SEA TURTLE TAKES OR WHALE SIGHTINGS

DREDGED MATERIAL CONSISTED OF SAND WITH FINE TO MEDIUM TEXTURE WITH MINIMAL SHELL AND MINIMAL CLAY

ABIOTIC BYCATCH: WIRE, HEMP ROPE, NYLON, SCRAP METAL, PART OF SHOE, ~~[illegible]~~

BIOTIC BYCATCH: HORSE SHOE CRAB, WHELKS, OYSTERS, HORSE CONCH, BLUE CRAB, MUREX, SCALLOPS, SPIDER CRABS SEA WHIPS, BUSHY BRYOAN, WOOD

*0400 Left Spud Barge to go to dock for water, 0845 Left Dock

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TT	1	0856 / Near buoy #7 / swimming in circular pattern
TT	2	1747 / @ buoy # / slow surfacing

Observer(s) on duty Carrie Singer and Dobranne Dominguez

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: ST. MARY'S ENTRANCE CHANNEL

DAILY REPORT

Date 02 / 22 / 01 Load Numbers 112 - 114

Area(s) Worked 180-220 STATIONS

Weather Conditions (incl. sea conditions) VARIABLE WESTERLIES 5-15 KNOTS; BSS1 ; SEAS CALM

Range of Water Temp., Surface 61-62°F Below Mid-Depth 61-62°F

Condition and Effectiveness of Screening CONTINUOUS EVALUATIONS OF INFLOW/OVERFLOW SCREENING PROVE THAT THEY ARE WORKING EFFECTIVELY & ARE IN GOOD CONDITION.

Are there incidents involving endangered or protected species? YES NO

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

NO SEA TURTLE CAPTURES DURING THESE LOADS OR WHALE SIGHTINGS.

DREDGED MATERIAL CONSISTS OF FINE-COURSE SAND GRAINS WITH SOME MISC. SHELLS & SHELL FRAGMENTS.

BIOLOGICAL SAMPLES INCLUDED: WOOD, SEAWHIPS, BUSHY BRYZOANS, HORSESHOE CRABS, L./C. WHELKS, MISC. BIVALVES (OYSTERS, SCALLOPS, COCKLES), PAINTED OLIVES, Fld. HORSE CONCH, & A JELLY FISH.

ABIOTIC SAMPLES INCLUDED: STAINLESS STEEL CLAMP, BRICKS, SCRAP METAL, FISHING LINE, WIRE MESH, CHICKEN WIRE, TARP COVER, FABRIC, PLASTIC BAGS, NYLON ROPE.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TE	1	1033/ OFF DISPOSAL SITE/

Observer(s) on duty DEBRANNE DOMINGUEZ & CARRIE SINGER

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: ST MARYS CHANNEL

DAILY REPORT

Date 02 / 23 / 01 Load Numbers 115~ 118

Area(s) Worked STATIONS 180 ~ 220

Weather Conditions (incl. sea conditions) NE to NNE WINDS 0-30+ KNOTS BSS1 - BSS4 SEAS CHOPPY @ times with 4-5' SWELLS

Range of Water Temp., Surface 62° F Below Mid-Depth 62° F

Condition and Effectiveness of Screening

SCREENING REMAINED EFFECTIVE

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

No Incidents involving turtle take or whale sightings

Dredged material consisted of fine to medium grade sand mixed with shell (bivalves), shell fragment and minimal clay content. One load - #116 - had a sulphuric odor

BIOTIC BYCATCH: HORSE SHOE CRABS, CLEAR NOSE SKATE, STINGRAY, FLA. HORSE CONCH, WHELKS COCKLES, OYSTERS, L. Whelks, Bushy Bryozoan, Sea Whips, WOOD

ABIOTIC BYCATCH: WIRE MESH, ALUMINUM CAN, CHICKEN WIRE, PVC TUBING, ROCKS, Fabric, STEEL WIRE, FISHING LINE

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty Carrie Singer + Debranne Domingvez

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: ST. MARYS ENTRANCE CHANNEL

DAILY REPORT

Date 02 / 24 / 01 Load Numbers 119 - 121

Area(s) Worked STATIONS 180-220

Weather Conditions (incl. sea conditions) VARIABLE EASTERLIES 1-20 KNOTS; BSS 1/2; SEAS 1'-3' SWELL

Range of Water Temp., Surface 62°F Below Mid-Depth 62°F

Condition and Effectiveness of Screening CONDITION OF INFLOW / OVERFLOW SCREENING IS EFFECTIVE.

Are there incidents involving endangered or protected species? YES NO

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

IN FINAL LOADS, NO INCIDENTS PERTAINING TO SEA TURTLE CAPTURES OCCURRED OR WHALE SIGHTINGS.

DREDGED MATERIAL CONSISTED MAINLY OF FINE-COARSE SAND GRAINS, SOME LOADS POSSESSED A SULPHURIC ODOR. CLAY & SILT WERE APPARENT IN MOST LOADS.

BIOLOGICAL SAMPLES: HORSESHOE CRABS, LIGHTNING WELKS. OYSTERS, OTHER MISC. BIVALVES

ABIOTIC SAMPLES: RUBBER BOOT, PLASTICS, ALUMINUM SCRAPS; WIRE FISHING LINE, CABLE, HEMP ROPE, CHICKEN WIRE, STAINLESS STEEL, CABLE, SHOE SOLE.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO SIGHTINGS		

Observer(s) on duty CARRIE SINGER & DEBRANNE DOMINGUEZ

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: ST. MARY'S ENTRANCE CHANNEL

WEEKLY SUMMARY

Dates 02 / 19 / 01 - 02 / 24 / 01 Load Numbers 102 - 121

Range of Water Temp., Surface 60°-62°F Below Mid-Depth 60°-62°F

Areas Worked (lat/longs, stations) STATIONS 180-220

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

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

DURING THE ABOVE LISTED LOADS, NO ACCIDENTAL TURTLE TAKES OCCURRED OR WHALE SIGHTINGS.

NOTE: 02.21.01 @ DOCK FOR FUEL & H_2O 0400-0845.

DREDGED MATERIAL HAS BEEN VARIABLE IN GRAIN SIZE FROM FINE TO COURSE & SHELL & SHELL FRAGMENTS HAVE BEEN NOTED IN EACH LOAD. SOME CLAY AND SUSPENDED SILT WAS ALSO OBSERVED DURING CERTAIN STATIONS (i.e. # 192)

BIOTIC SAMPLES EXTRACTED FROM INFLOW/OVERFLOW SCREENS ARE/IS HORSESHOE CRABS, HERMITS, BLUE CRABS, SPIDER CRABS, STINGRAYS, CLEARNOSE SKATES, SEA WHIPS, BUSHY BRYZOANS, JELLY FISH, LIGHTNING & CHANNEL WHELKS, FLD. HORSE CONCHS, SCALLOPS, OYSTERS, COCKLES, PAINTED OLIVES, MUREX, KEYHOLE URCHINS, & WOOD.

ABIOTIC SAMPLES REMOVED INCLUDED: PLASTIC JUG, ROPE, COPPER WIRE, MISC. PLASTICS. STAINLESS STEEL WIRE MESH, BLEACH BOTTLE, PLASTIC SANDAL, PLASTIC BAGS, SCRAP STEEL, WIRE, FABRIC, NYLON LINE, SHOE PARTS, BRICKS, FISHING LINE, WIRE MESH, TARP, ALUMINUM CANS, CHICKEN WIRE, PVC TUBING, & ROCKS.

Bridge Watch Summary

Date	Various Species and Respective Number		Comments
02 / 20	Tursiops truncatus	2	0835/ BUOY #20 / CIRCULAR SWIMMING
02 / 20	TT	2	1551 / W OFF #18 / SLOW, SHALLOW
02 / 21	TT	1	0856/ BUOY #7 / SWIMMING CIRCULAR.
02 / 21	TT	2	1747/ @ BUOY #10 / SLOW SURFACING
02 / 22	TT	1	1033/ OFF DISPOSAL SITE.
/			
/			

Observers on duty CARRIE SINGER & DEBRANNE DOMINGUEZ

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: FERNANDINA · ST. MARY'S ENTRANCE CHANNEL

DAILY REPORT

Date 03 / 01 / 01 Load Numbers 1-34

Area(s) Worked STATIONS 107-115; 122, 164, 230-260

Weather Conditions (incl. sea conditions) LIGHT VARIABLE WINDS, 60°s-70's, SCATTERED SHOWERS, CLOUDY

Range of Water Temp., Surface 63°F Below Mid-Depth 63°F

Condition and Effectiveness of Screening SCREENING IS IN GOOD WORKING ORDER. ALL INFLOWS/OVERFLOWS WORKING APPROPRIATELY.

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

NEWPORT LEFT DOCK @ 2030; BEGAN DREDGING @ 2240. DURING LOAD #1 ONLY ONE ARM USED AT A TIME DUE TO MATERIAL.

DREDGED MATERIAL IS THICK CLAY W/ A SUBSTANTIAL AMOUNT OF SUSPENDED SILT & OTHER PARTICULATE. HEAVY AGITATION OF BOTTOM AS WELL.

NO WHALE SIGHTINGS, BUT SEVERAL MOTHER & CALF N. RIGHT WHALES IN VICINITY OF DREDGE & DISPOSAL SITE, SO NEWPORT'S MAX SPEED ONLY <5 KNOTS AT ALL TIMES.

BIOLOGICAL ORGANISMS EXTRACTED ARE V/C WHELKS, MISC. SHELLS, WOOD, HORSE-SHOE CRABS, STINGRAY, EEL & WOOD. (1 UNIDENTIFIED SKELETON; BIRD?)

ABIOTIC SAMPLES: WIRE, PLASTIC, CERAMIC DOTS, FABRIC, ALUMINUM SCRAPS.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
* OVER ABUNDANCE	OF Tursiops truncatus	: PLEASE SEE LOAD #2 FOR COMMENTS.

Observer(s) on duty C. NASHIRO & CARRIE SINGER