ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETES ENTRANCE CHANNEL

Date: 29 / SEPT / 2000

Load # 01 Start 0810 End 0857 Dump 1022

Location (lat/long, stations) 27°42 N 82°36 W STA 107 to 004 Tide Stage EBB (LOW 1015)

Weather (wind dir, beaufort, sea state, temp, etc.) P. CLOUDY BEAUFORT: 3 WINDS NE 5-12

Water Temp., Surface 83.0°F Below Mid-Depth 83.0°F

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

Note biological samples:

Port Draghead OK Deflector

Stbd Draghead OK, ATLANTIC NIMBED OYSTER, MOON SNAILS Deflector Brittle star, Keyhole urchins

Port Inflow, Fore S. Stingray, Common ATLANTIC AUGER, Mid LETTERED OLIVE, TULIPS,

Port Inflow, Aft HORSE CONCH, FIGHTING CONCH, LIGHTNING WHELK, SEA WHIP, BRITTLE STARS,

Stbd Inflow, Fore COCKLES, PONDEROUS ARCS, QUAHOG, Mid TELLINS, PEN SHELLS, SEA STARS,

Stbd Inflow, Aft POLYCHAETES, 17 HORSE SHOE CRABS (10 OF WHICH WERE RETURNED ALIVE)

Port Overflow, Primary OK Secondary OK

Stbd Overflow, Primary OK Secondary OK

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

MATERIAL: SAND, SILT, CORAL RUBBLE (SMALL AMT)

DEBRIS: MINIMAL - ROPE, FISHING LINE, TIN CANS, CLOTH, PLASTIC

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Cc	1 (JUV)	0745 / DAY MARKER #1 / SURFACED

Observer(s) on duty KIRSTEN DAHLEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 29 / SEPT / 2000

Load # 2 Start 1317 End 1413 Dump 1550

Location (lat/long, stations) STATION 6069 / 107+00 – 004+00 Tide Stage 1.4

Weather (wind dir, beaufort, sea state, temp, etc.) SSW 5mph. / Clear / Calm / BSS 2-3 / 86°F

Water Temp., Surface 83°F Below Mid-Depth 83°F

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

Note biological samples:

Port Draghead Clear of bycatch - Rope and cable Deflector Clear

Stbd Draghead Clear of by-catch - Rope - Deflector Clear

Port Inflow, Fore 2 Horseshoe Crab, Tube worms(3), Mid N/A.

Port Inflow, Aft 7 Horseshoe Crabs, Sea Squirt

Stbd Inflow, Fore 3 Horsecrabs, Sea Whip, Mid N/A.

Stbd Inflow, Aft 5 Horseshoe Crabs

Port Overflow, Primary Clear (No Biota) Secondary N/A.

Stbd Overflow, Primary Clear (No Biota) Secondary N/A.

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

Fine Sand, Very little trash. Very Effective screening. No incidents

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NONE		

Observer(s) on duty Chris Carroll, Kersten Dahlen

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETES ENTRANCE CHANNEL

Date: 30 / SEPT / 2000

Load # 3 Start 2320 End 0021 Dump 0140

Location (lat/long, stations) 27°42 N 82°36 W STA 107[100] to 004[100] Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) mostly clear Beaufort 1-2 SSW 5-10

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

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

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore } 23 H.C. CRABS, BRITTLESTARS, Mid L'NING WHELK,

Port Inflow, Aft } HORSE CONCH, FIGHTING CONCH, SCIPPERS, QUAHOGS

Stbd Inflow, Fore } SEA WHIP, F-BRYOZOA, POLYCHAETES, Mid MOON SNAILS, BARNACLES,

Stbd Inflow, Aft } KEYHOLE URCHINS, FAN WORMS, XMAS TREE WORMS,

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty KIRSTEN DAHLEN & CHRIS CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 30 / SEPT / 2000

Load # 4 Start 0446 End 0530 Dump 0610

Location (lat/long, stations) 27°42 N 82°36 W STA 107+00 to 004+00 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) ~~VAR~~ NNE 5-10 Beaufort 2-3 P.CLOUDY

Water Temp., Surface 84°F Below Mid-Depth 84°F

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

Note biological samples:

Port Draghead LINE, NET Deflector OK

Stbd Draghead ROCKS Deflector OK

Port Inflow, Fore 32 HORSE SHOE CRABS, 1 S. STING - Mid RAYS, BABY'S EAR,

Port Inflow, Aft QUAHOGS, FIGHTING CONCH, HORSE CONCH, KEY HOLE URCHIN,

*Stbd Inflow, Fore L'NING WHELK, COCKLES, SCIPPERS Mid BRITTLE S. STARS

Stbd Inflow, Aft SEA WHIP, POLYCHAETES, FEATHERY BRYOZOA, FAN + XMAS TREE

Port Overflow, Primary WORMS, QUAHOGS, Secondary

Stbd Overflow, Primary Secondary

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

ROPE, ALUMINUM CANS, NET, ROCKS,

* OLD SEATURTLE EPIPLASTRON - NOT ASSOCIATED W/ THIS DREDGING ACTIVITY - NO FLESH / BLACKENED

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty KIRSTEN DAHLEN + CHRIS CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 30 / SEPT / 2000

Load # 5 Start 0932 End 1045 Dump 1228

Location (lat/long, stations) 27°42 N 82°36 N STA 107+00 to 00+ Tide Stage 0.85

Weather (wind dir, beaufort, sea state, temp, etc.) CLOUDY BEAUFORT 2-3 WINDS NNE 5-12

Water Temp., Surface 84°F Below Mid-Depth 84°F

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

Note biological samples:

Port Draghead OK Deflector OK

Stbd Draghead OK Deflector

Port Inflow, Fore 22 HS CRABS, 12 S. STINGRAYS Mid MANTIS SHRIMP,

Port Inflow, Aft QUAHOGS, SCALLOPS, POLYCHAETES, SEA WHIP, COCKLES,

Stbd Inflow, Fore KEY HOLE URCHINS, CATFISH Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Cmm ☺	(1) JUV	1010 / 100 FT OFF PORT / SURFACED

Observer(s) on duty K. DAHLEN & C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 30 / SEPT / 2000

Load # 6 Start 1607 End 1704 Dump 1824

Location (lat/long, stations) 27°42N 82°36W STA 107+00 to 004+00 Tide Stage 1.65

Weather (wind dir, beaufort, sea state, temp, etc.) Pt. Cloudy / BSS 2-3 / N 10-14 mph

Water Temp., Surface 84°F Below Mid-Depth 84°F

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

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore 4 Stingray, 6 Horseccrabs, 3 Brittle Stars, tube Worms

Port Inflow, Aft Brittle Stars, 1 Stingray, 2 Horseshoe Crabs, 1 Catfish, 2 Blue Crabs, tube worms

Stbd Inflow, Fore 9 Stingrays, 7 Horseshoe crabs, 2 Whelk Mid

Stbd Inflow, Aft 3 Horseshoe Crabs, 2 Stingrays, 2 Catfish, Brittle Stars,

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A

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

Fine clean sand. Very little trash

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Stingray	(2) only	1530 HRS / Channel / Swimming along Port side of Ship
Stingray	(1) only	1710 HRS / Channel / Swimming along Port side of Ship.
Ø		

Observer(s) on duty K. DAHLEN & C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN Weeks

Project: St. Pete Entrance Channel

Date: 09 / 30 / 2000

Load # 7 Start 2049 End 2209 Dump 2176

Location (lat/long, stations) 27°42'N / 82°36'W STA. 107+00 → 004+00 Tide Stage 0.87

Weather (wind dir, beaufort, sea state, temp, etc.) Pt Cloudy/BSS 3-4 / NE 14-20 MPH 79°F Water Temp., Surface 84°F Below Mid-Depth 84°F

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

Note biological samples:

Port Draghead Clean Deflector Clean

Stbd Draghead Clean Deflector Clean

Port Inflow, Fore Rock, 3 H.S. Crab, 1 catfish, Brittle Star Mid

Port Inflow, Aft Rock, 5 H.S. Crab, 2 Starfish, Tube worms, Whelk

Stbd Inflow, Fore Rock, 1 Stingray 6 H.S. crab, tube worm Mid N/A.

Stbd Inflow, Aft Rock, Brittle Star, 4 Stingray, 4 H.S. Crabs.

Port Overflow, Primary Clean Secondary N/A

Stbd Overflow, Primary Clean Secondary N/A.

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

Fine sand, Very little Trash. The screening is in good cond.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty Chris Carroll / Kristen Dahlen

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN Weeks

Project: ST. Pete Entrance Channel

Date: 01 ~~09~~ / OCT / 2000

Load # 8 Start 0215 End 0316 Dump 0443

Location (lat/long, stations) 27°42 N 82°36 W STA 107+00 to 004+00 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) CLOUDY BEAUFORT 2 NE 10-15

Water Temp., Surface 84 F Below Mid-Depth 84F

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

Note biological samples:

Port Draghead ok Deflector ok

Stbd Draghead ok Deflector

Port Inflow, Fore 5 HS CRABS, MANTIS SHRIMP, Mid BRITTLE STARS, ARMORED

Port Inflow, Aft STARS, SEA WHIP, LETTERED OLIVES, L'NING WHELKS,

Stbd Inflow, Fore F'TING CONCHS, SLIPPERS, Mid BARNACLES, POLYCHAETES

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

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

VERY LITTLE TRASH - METAL, CLOTH, ROPE, PLASTIC

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K DAHLEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 01 / OCT / 2000

Load # 9 Start 0743 End 0910 Dump 1024

Location (lat/long, stations) 27°42 N 82°36 W STA ~~107~~ 22 to ~~004~~ 90 (no) Tide Stage EBB

Weather (wind dir, beaufort, sea state, temp, etc.) NE 10-15 P CLOUDY BEAUFORT 2-3

Water Temp., Surface 84°F Below Mid-Depth 84°F

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

Note biological samples:

Port Draghead ROPE, CABLE (LONG) Deflector OK

Stbd Draghead TIRE, ROCKS Deflector

*Port Inflow, Fore 4 HORSE SHOE CRABS, QUAHOGS, PONDEROUS Mid ARCS, POLYCHAETES,

Port Inflow, Aft LIGHTNING WHELKS, HORSE CONCHS, FIGHTING CONCHS OLIVES, TULIPS, KEY HOLE

Stbd Inflow, Fore URCHINS, 12 S. STINGRAYS, MANTIS Mid SHRIMP, BRITTLE STARS,

Stbd Inflow, Aft SEA PORKS, PEN SHELLS, PURSE CRAB, FAN WORMS, CHRISTMAS

Port Overflow, Primary TREE WORMS, TELLINS, JINGLES Secondary SLIPPERS, BARNACLES,

Stbd Overflow, Primary ARMORED STARS, ATLANTIC AUGERS, Secondary SEA WHIPS,

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

* - DIVE (OLD) FLAG, LOTS OF ROPE

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty KIRSTEN DAHLEN & CHRIS CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 01 / OCT / 2000

Load # 10 Start 1246 End 1421 Dump 1546

Location (lat/long, stations) 27° 42 N 86° 36 W STA 107+00 to 004+00 Tide Stage 0.95

Weather (wind dir, beaufort, sea state, temp, etc.) 86°F, BSS4, NE 8-11 mph.

Water Temp., Surface 84°F Below Mid-Depth 84°F

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

Note biological samples:

Port Draghead Clean / Rocks, Tire Deflector Clear

Stbd Draghead Clean / Rock, Section of Trawl net Deflector Clear

Port Inflow, Fore 3 H.S. crab, Brittle Star, Sponge, Rock Mid N/A

Port Inflow, Aft 1 H.S. Crab, Brittle Star, Mantis Shrimp, Whelk, Sea Whip, Rock

Stbd Inflow, Fore 4 H.S. Crabs, Stingray, Sea Squirt, Rock Mid N/A

Stbd Inflow, Aft 1 Blue Crab, 2 H.S. crab, Welk, 2 Mantis Shrimp, Rock.

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A

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

Fine sand, Very little trash. Screening inflow with top of boxes open due to clogging by rock. Some down time due to pump out line being twisted. Large Rocks, cable, rope being taken in draghead.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty K. DAHLEN & C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RD Weeks

Project: ST. Pete Entrance Channel

Date: 01 / OCT / 2000

Load # 11 Start 2224 End 2355 Dump 0119

Location (lat/long, stations) 27°42'N / 86°36'W STA 107+00 ⇒ 004+00 Tide Stage 1.95

Weather (wind dir, beaufort, sea state, temp, etc.) Pt. Cloudy / BSS 4 / 81°F / NE 20-25 mph.

Water Temp., Surface 84°F Below Mid-Depth 84°F

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

Note biological samples:

Port Draghead CABLE, ROCK Deflector Clear

Stbd Draghead ROCK Deflector Clear

Port Inflow, Fore 25 HORSE SHOE CRABS, 1 STING RAY, Mid BRITTLE STARS, SEA SQUIRTS

Port Inflow, Aft KEY HOLE URCHINS, PONDEROUS ARCS, LIGHTNING WHELKS, HORSE CONCHS

Stbd Inflow, Fore FIGHTING CONCHS, SLIPPERS, JINGLES, Mid BARNACLES,

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty K Dahlen / C. Carroll

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 02 / OCT / 2000

Load # 12 Start 0332 End 0456 Dump 0630

Location (lat/long, stations) 27°42 N 82°36W / 107no to 104no Tide Stage FLOOD

Weather (wind dir, beaufort, sea state, temp, etc.) SE 10-20 BEAUFORT 2-3 P CLOUDY

Water Temp., Surface 84°F Below Mid-Depth 84°F

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

Note biological samples:

Port Draghead do. Deflector

Stbd Draghead do Deflector

Port Inflow, Fore 12 HORSE SHOE CRABS BRITTLE Mid STARS, OLIVES

Port Inflow, Aft HORSE CONCHS FIGHTING CONCHS QUAHOGS, SEA WHIP

Stbd Inflow, Fore SPONGE Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

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

STBD FWD - ONE BAR LOOSE ON BOX "FLOOR"

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty KIRSTEN DAHLEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 02 / OCT / 2000

Load # ~~#~~ 13 Start 0832 End 1037 Dump 1119

Location (lat/long, stations) 27°42 N 8236°W / 004+1 to 099+00 Tide Stage FLOOD/SL/EBB

Weather (wind dir, beaufort, sea state, temp, etc.) NNW BEAUFORT 2-3 P CLOUDY

Water Temp., Surface 84°F Below Mid-Depth 84°F

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead [signature] Deflector [signature]

Stbd Draghead Deflector

Port Inflow, Fore 10 HORSE SHOE CRABS, 5 STING RAYS, Mid BRITTLE STARS, OLIVES, TULIPS,

Port Inflow, Aft QUAHOGS, SEA WHIP, SPONGE, POLYCHAETES

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

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

LITTLE TRASH - METAL / PLASTIC / ROPE

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
[signature]		

Observer(s) on duty KIRSTEN DAHLEN & CHRIS CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 02 / OCT / 2000

Load # 14 Start 1326 End 1505 Dump 1630

Location (lat/long, stations) 27°42 N 82°36 W Tide Stage 0.63

Weather (wind dir, beaufort, sea state, temp, etc.) SSW 4-8 mph, Sunny, BSS 3-4, 87°F

Water Temp., Surface 84°F Below Mid-Depth 84°F

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

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Clear - adjusted tooth angle. Deflector Clear

Port Inflow, Fore 5 HS Crabs, Brittle Stars, Whelk. Mid N/A

Port Inflow, Aft 4 HS Crabs Catfish, 12 scale worm,

Stbd Inflow, Fore 7 HS Crabs, Brittle Stars, Starfish Mid N/A

Stbd Inflow, Aft 3 HS Crabs, Conch Shell,

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A

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

Fine sand Very little trash. Boxes are still open on top in order to load, otherwise they would be clogged.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty E. Carroll / K. Dahlen

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 02 / OCT / 2000

Load # 15 Start 1837 End 2018 Dump 2135

Location (lat/long, stations) 27°42'N/82°36'W Tide Stage 1.83

Weather (wind dir, beaufort, sea state, temp, etc.) 78°F / NNE 10-18 / BSS 3 / PT. CLOUDY

Water Temp., Surface 84°F Below Mid-Depth 84°F

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

Note biological samples:

Port Draghead _____ Deflector Clear

Stbd Draghead _____ Deflector Clear

Port Inflow, Fore 4 HS crab, 3 Brittle Star, Catfish, Sea Whip Mid _____

Port Inflow, Aft 3 HS. crab Tube Worms, Brittle Star, Starfish, Pike fish

Stbd Inflow, Fore 8 HS Crab Tube worms, Sea Whip Mid _____

Stbd Inflow, Aft 2 HS crab, Brittle Star, Sponge, Sea Whip

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A

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

Fine Sand, little trash, Boxes still have tops open to keep from clogging

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty C. Carroll / K. Dahlen

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENT. CHANNEL

Date: 03 / OCT / 2000

Load # 16 Start 2347 End 0113 Dump _____

Location (lat/long, stations) 27°42'N / 82°36'W - STA 107+00 - 004+00 Tide Stage 1.55

Weather (wind dir, beaufort, sea state, temp, etc.) P CLOUDY BEAUFORT 3

_____ Water Temp., Surface 84°F Below Mid-Depth 84°F

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

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore 12 HS CRABS, 3 STINGRAYS Mid BRITTLE STARS

Port Inflow, Aft QUAHOGS, PEN SHELLS, SPONGE, SEA WHIP, OLIVES

Stbd Inflow, Fore LIVING WHELKS, HORSE Mid FTING CONCHS

Stbd Inflow, Aft

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 03 / OCT / 2000

Load # 17 Start 0502 End 0638 Dump 0754

Location (lat/long, stations) 27°42 N 82°36 W 107 to 004 Tide Stage EBB

Weather (wind dir, beaufort, sea state, temp, etc.) NW 10-20 P CLOUDY BS 3

Water Temp., Surface 83°F Below Mid-Depth 83°F

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

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore 11 H.S. CRABS, PONDEROUS Mid ARCS, PEN SHELLS

Port Inflow, Aft QUAHOGS, BRITTLE STARS, CATFISH, SEA WHIP, SPONGE

Stbd Inflow, Fore _____ Mid _____

Stbd Inflow, Aft _____

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty KIRSTEN DAHLEN / CHRIS CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 03 / OCT / 2000

Load # 18 Start 1008 End 1150 Dump 1300

Location (lat/long, stations) 27° 42 N 82° 36 W 107th to 004th Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) P. CLOUDY BEAUFORT 3 WINDS NE 20-25

Water Temp., Surface 83°F Below Mid-Depth 83°F

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

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore 10 HORSE SHOE CRABS, STING RAYS, Mid POLYCHAETES, SEA WHIP,

Port Inflow, Aft QUAHOGS, OLIVES, TULIPS, LIGHTNING WHELKS, HORSE CONCHS,

Stbd Inflow, Fore FIGHTING CONCHS Mid

Stbd Inflow, Aft

Port Overflow, Primary Clear Secondary

Stbd Overflow, Primary Clear Secondary

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

Fine & Course Sand. Still taking Rock in boxes. Top of Boxes are left open to prevent blockage of loading.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Cc	1	0900 as leaving dump
Tt	4	0930 in channel @ BRIDGE
Tt	8	1240 FROLICKING en ROUTE to DUMP

Observer(s) on duty K. DAALEN & C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN Weeks

Project: ST Pete Entrance Channel

Date: 03 / OCT / 2000

Load # 19 Start 1539 End 1709 Dump 1832

Location (lat/long, stations) 27°42'N / 82°36W 107+00 – 004+00 Tide Stage .14

Weather (wind dir, beaufort, sea state, temp, etc.) P. Cloudy / BSS 3 / NE 25-30

Water Temp., Surface 83°F Below Mid-Depth 83°F

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

Note biological samples:

Port Draghead Clean Deflector Clean

Stbd Draghead Clean Deflector Clean

Port Inflow, Fore } Horseshoe Crab, String Ray, Polychaetes, Mid Sea Whip, Quahogs, Olives

Port Inflow, Aft } tulips, Lightning Whelks, Horse Conchs, Fighting Conchs

Stbd Inflow, Fore } Mid

Stbd Inflow, Aft }

Port Overflow, Primary Clean Secondary N/A

Stbd Overflow, Primary Clean Secondary N/A

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

Sand & Rock being dredged. Top of Boxes still open to prevent total blockage.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty K. Dahlen / C. Ramolf

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN Weeks

Project: St Pete Entrance Channel

Date: 03 / OCT / 2000

Load # 20 Start 2036 End 2212 Dump 2330

Location (lat/long, stations) 27°42'N / 82° 36'W 107+00 ~~001~~+00 Tide Stage 1.84

Weather (wind dir, beaufort, sea state, temp, etc.) BSS4 / Cloudy / 76°F / NE 20-23 mp

Water Temp., Surface 84°F Below Mid-Depth 83°F

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

Note biological samples:

Port Draghead Clean Deflector Clean

Stbd Draghead Clean Deflector Clean

Port Inflow, Fore } Horseshoe Crab, Hermit Crab, (2) Catfish

Port Inflow, Aft } Tube worms, Sponge, Rock Crab, Spider Krab,

Stbd Inflow, Fore } Rock, Sea Whip, Whelk.,

Stbd Inflow, Aft

Port Overflow, Primary Clean Secondary

Stbd Overflow, Primary Clean Secondary

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

Sand and Rock. Top of Boxes still open to prevent total blockage of Boxes.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K Dahlen / C. Carroll

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 04 / OCT / 2000

Load # 20 21 Start 0136 End 0302 Dump 0422

Location (lat/long, stations) 27° 42 N 82° 36 W 107 to 004 Tide Stage FLOOD

Weather (wind dir, beaufort, sea state, temp, etc.) BEAUFORT 3 P.CLOUDY NE 5-10

Water Temp., Surface 83° F Below Mid-Depth 83° F

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

Note biological samples:

Port Draghead OK Deflector OK

Stbd Draghead OK Deflector OK

Port Inflow, Fore 12 HS CRABS, CATFISH, Mid BRITTLESTARS,

Port Inflow, Aft OLIVES, TULIPS, L'NING WHELKS, HORSE +

Stbd Inflow, Fore FIGHTING CONCHS, SEA WHIP, Mid

Stbd Inflow, Aft

Port Overflow, Primary OK Secondary X

Stbd Overflow, Primary OK Secondary

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

BOX TOPS OPEN, SAND, SILT, ROCK, SHELL + LITTLE TRASH (CANS ROPE, SHEETS, PLASTIC, METAL, CHAIN)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K DAHLEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 04 / OCT / 2000

Load # 1922 Start 0640 End 0844 Dump 0953

Location (lat/long, stations) 27°42 N 82°36W 107+00 to 004+00 Tide Stage FL + St

Weather (wind dir, beaufort, sea state, temp, etc.) P.CLOUDY NE 5-10 BEAUFORT 2

Water Temp., Surface 84°F Below Mid-Depth 83°F

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

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore HORSE SHOE CRABS, BRITTLE STARS, Mid QUAHOGS, CAT'S PAWS,

Port Inflow, Aft FIGHTING CONCHS, HORSE CONCHS, LIGHTNING WHELKS,

Stbd Inflow, Fore POLYCHAETES, ARMORED SEA STARS, Mid AUGERS, OLIVES, TULIPS,

Stbd Inflow, Aft MANTIS SHRIMP, STING RAY, CAT FISH, PEN SHELLS

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	2-4	0800-~~DAY~~ DAY MARKER #1 / FEEDING

Observer(s) on duty KIRSTEN DAHLEN & CHRIS CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 04 / OCT / 2000

Load # 23 Start 1208 End 1335 Dump 1451

Location (lat/long, stations) 27°42 N 82°36W Tide Stage 0.77

Weather (wind dir, beaufort, sea state, temp, etc.) 89°F / BSS 1-2 / Calm / NE 5-7

Water Temp., Surface 84°F Below Mid-Depth 84°F

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

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Deflector

Port Inflow, Fore } Horseshoe Crabs, Olives, Angers [redacted] Brittle Stars, Stone

Port Inflow, Aft } Crabs, Sea Whip, Whelk, Fighting Conchs, Catfish

Stbd Inflow, Fore } Mid

Stbd Inflow, Aft }

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Secondary

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

Sand + Rock. Top of Boxes still open to prevent total clogging of boxes during load.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Pt	3	Pumpout / Feeding + Socializing

Observer(s) on duty KIRSTEN DAHLEN & CHRIS CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 04 / OCT / 2000

Load # 24 Start 1753 End 1920 Dump 2045

Location (lat/long, stations) 27°42N 82°36W 107 to 004 Tide Stage 1.39

Weather (wind dir, beaufort, sea state, temp, etc.) NW 3-8 / BSS 1-2 / Clear / 79°F / Calm

Water Temp., Surface 84°F Below Mid-Depth 84°F

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

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore } Horseshoe Crabs, Welks, Fighting Conchs, Olives, Augers

Port Inflow, Aft } Catfish, Toadfish, Clams, Sea whip, Stingrays, Horse

Stbd Inflow, Fore } Conch, Tube Worms Mid

Stbd Inflow, Aft }

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A

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

Sand & Rock. Box Tops are still open to prevent total blockage of boxes.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty KIRSTEN DAHLEN & CHRIS CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 05 / OCT / 2000

Load # 25 Start 2341 End 0145 Dump 0240

Location (lat/long, stations) 27°42'N/82°36'W 107 tow + 004 tow Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) P CLOUDY NW 3-10 BEAUFORT 1-2

Water Temp., Surface 84°F Below Mid-Depth 84°F

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

Note biological samples:

Port Draghead Clear (Rocks) Deflector Clear

Stbd Draghead Clear (Rocks) Deflector Clear

Port Inflow, Fore HORSESHOE CRABS, BRITTLE STARS, STARFISH, WHELKS, FIGHTING CONCHS, HORSE

Port Inflow, Aft CONCHS, STINGRAYS, AUGERS, OLIVES, TULIPS, SEA WHIP, PEN SHELLS, QUAHOGS

Stbd Inflow, Fore

Stbd Inflow, Aft

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A

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

Fine Sand and Rocks being dredged. Top of box still open in order to prevent total clogging of inflow boxes during loading. Outflow screening is in good condition.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 05 / OCT / 2000

Load # 26 Start 0543 End 0802 Dump 0918

Location (lat/long, stations) 27°42'N/82°36'W Tide Stage EBB

Weather (wind dir, beaufort, sea state, temp, etc.) P.C LOUDY NE 5-10 BFS 1

Water Temp., Surface 84°F Below Mid-Depth 83°F

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

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore HORSESHOE CRABS, BRITTLE STARS, STARFISH, WHELKS, FIGHTING CONCHS, HORSE

Port Inflow, Aft CONCHS, STINGRAYS, AUGERS, OLIVES, TULIPS, SEA WHIP, PEN SHELLS, QUAHOGS

Stbd Inflow, Fore

Stbd Inflow, Aft

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A.

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

Fine Sand and Rocks being dredged. Top of box still open in order to prevent total clogging of inflow boxes during loading. Outflow screening is in good condition.

CAMERA, ROPE, METAL, SHOES

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 05 / OCT / 2000

Load # 27 Start 1154 End 1357 Dump 1504

Location (lat/long, stations) 27°42'N/82°36'W Tide Stage 0.67

Weather (wind dir, beaufort, sea state, temp, etc.) SW 6-10/BSS1/Calm/Clear/92°F

Water Temp., Surface 84°F Below Mid-Depth 84°F

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

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore
Port Inflow, Aft
Stbd Inflow, Fore
Stbd Inflow, Aft

HORSESHOE CRABS, BRITTLE STARS, STARFISH, WHELKS, FIGHTING CONCHS, HORSE CONCHS, STINGRAYS, AUGERS, OLIVES, TULIPS, SEA WHIP, PEN SHELLS, QUAHOGS

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A.

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

Fine Sand and Rocks being dredged. Top of box still open in order to prevent total clogging of inflow boxes during loading. Outflow screening is in good condition.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Cow Nose Ray	3	1205 / 3+4 MARKERS IN CHANNEL / Swimming along STBD Side
T-t	10-12	1530 / Pump out Barge / Large pod swimming around ship + barge.
T-t	3	1648 / On way to dig site / Feeding + Scraping

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 05 / OCT / 2000

Load # 28 Start 1827 End 2050 Dump 2215

Location (lat/long, stations) 27°42'N/82°36'W 105[100] to 10[100] Tide Stage 1.32

Weather (wind dir, beaufort, sea state, temp, etc.) 79°F / BSS1 / calm / clear / NNW 8-10

Water Temp., Surface 84°F Below Mid-Depth 84°F

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

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore HORSESHOE CRABS, BRITTLE STARS, STARFISH, WHELKS, FIGHTING CONCHS, HORSE

Port Inflow, Aft CONCHS, STINGRAYS, AUGERS, OLIVES, TULIPS, SEA WHIP, PEN SHELLS, QUAHOGS

Stbd Inflow, Fore

Stbd Inflow, Aft

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A.

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

Fine Sand and Rocks being dredged. Top of box still open in order to prevent total clogging of inflow boxes during loading. Outflow screening is in good condition.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TE	4	1839 / Channel Marker 3+4 / Feeding + Socializing

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 06 / OCT / 2000

Load # 29 Start 0054 End 0248 Dump 0417

Location (lat/long, stations) 27°42'N/82°36'W 10[NW] to 102[NW] Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) WINDS NW 5-10 BEAUFORT 2 P.CLOUDY

Water Temp., Surface 84°F Below Mid-Depth 83°F

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

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore HORSESHOE CRABS, BRITTLE STARS, STARFISH, WHELKS, FIGHTING CONCHS, HORSE

Port Inflow, Aft CONCHS, STINGRAYS, AUGERS, OLIVES, TULIPS, SEA WHIP, PEN SHELLS, QUAHOGS

Stbd Inflow, Fore

Stbd Inflow, Aft

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A

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

Fine Sand and Rocks being dredged. Top of box still open in order to prevent total clogging of inflow boxes during loading. Outflow screening is in good condition.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 06 / OCT / 2000

Load # 30 Start 0657 End 0822 Dump 1036

Location (lat/long, stations) 27°42'N/82°36'W Tide Stage FL

Weather (wind dir, beaufort, sea state, temp, etc.) P.CLOUDY BEAUFORT 1 WINDS NE 3-10

Water Temp., Surface 84°F Below Mid-Depth 83°F

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

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore HORSESHOE CRABS, BRITTLE STARS, STARFISH, WHELKS, FIGHTING CONCHS, HORSE

Port Inflow, Aft CONCHS, STINGRAYS, AUGERS, OLIVES, TULIPS, SEA WHIP, PEN SHELLS, QUAHOGS

Stbd Inflow, Fore MANTIS SHRIMP, CATFISH, PONDEROUS ARKS, SCALLOPS

Stbd Inflow, Aft

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A.

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

Coarse, Fine Sand and Rocks being dredged. Top of box still open in order to prevent total clogging of inflow boxes during loading. Outflow screening is in good condition.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Cmm	1 (JW)	0810 / DAY MARKER #3 / SURFACED
Tt	2	0900 / CHANNEL - DM #1 / FEEDING

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 06 / OCT / 2000

Load # 31 Start 1323 End ~~[illegible]~~ 1554 Dump 1712

Location (lat/long, stations) 27°42'N/82°36'W 107+00 – 004+00 Tide Stage 0.56

Weather (wind dir, beaufort, sea state, temp, etc.) Clear / Calm / BSS1 / 93°F / SW 15-20 mph

Water Temp., Surface 84°F Below Mid-Depth 84°F

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

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore HORSESHOE CRABS, BRITTLE STARS, STARFISH, WHELKS, FIGHTING CONCHS, HORSE

Port Inflow, Aft CONCHS, STINGRAYS, AUGERS, OLIVES, TULIPS, SEA WHIP, PEN SHELLS, QUAHOGS

Stbd Inflow, Fore

Stbd Inflow, Aft

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A.

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

Fine Sand and Rocks being dredged. Top of box still open in order to prevent total clogging of inflow boxes during loading. Outflow screening is in good condition.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 06 / OCT / 2000

Load # 32 Start 1942 End 2219 Dump 2340

Location (lat/long, stations) 27°42'N/82°36'W 107+00 – 004+00 Tide Stage 1.16

Weather (wind dir, beaufort, sea state, temp, etc.) NW 5-7mph/BSS3-4/78°F

Water Temp., Surface 84°F Below Mid-Depth 84°F

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

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore HORSESHOE CRABS, BRITTLE STARS, STARFISH, WHELKS, FIGHTING CONCHS, HORSE

Port Inflow, Aft CONCHS, STINGRAYS, AUGERS, OLIVES, TULIPS, SEA WHIP, PEN SHELLS, QUAHOGS

Stbd Inflow, Fore HERMIT CRABS

Stbd Inflow, Aft

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A.

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

Fine Sand and Rocks being dredged. Top of box still open in order to prevent total clogging of inflow boxes during loading. Outflow screening is in good condition.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 07 / OCT / 2000

Load # 33 Start 0230 End 0431 Dump 0553

Location (lat/long, stations) 27°42'N/82°36'W 004^+00 to 106^+00 Tide Stage FLOOD

Weather (wind dir, beaufort, sea state, temp, etc.) PCLOUDY BEAUFORT 2 WINDS NE 10-15

Water Temp., Surface _____ Below Mid-Depth _____

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

Note biological samples:

Port Draghead Clear Rocks Deflector Clear

Stbd Draghead Clear Rocks Deflector Clear

Port Inflow, Fore HORSESHOE CRABS, BRITTLE STARS, STARFISH, WHELKS, FIGHTING CONCHS, HORSE

Port Inflow, Aft CONCHS, STINGRAYS, AUGERS, OLIVES, TULIPS, SEA WHIP, PEN SHELLS, QUAHOGS

Stbd Inflow, Fore

Stbd Inflow, Aft

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A.

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

Fine Sand and Rocks being dredged. Top of box still open in order to prevent total clogging of inflow boxes during loading. Outflow screening is in good condition.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 07 / OCT / 2000

Load # 34 Start 0819 End 1108 Dump 1223

Location (lat/long, stations) 27°42'N/82°36'W Tide Stage 2.4 ft

Weather (wind dir, beaufort, sea state, temp, etc.) PCLOUDY BEAUFORT 1 WINDS NE 3-8

Water Temp., Surface 84°F Below Mid-Depth 84°F

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

Note biological samples:

Port Draghead Clear ROCKS Deflector Clear

Stbd Draghead Clear ROCKS Deflector Clear

Port Inflow, Fore HORSESHOE CRABS, BRITTLE STARS, STARFISH, WHELKS, FIGHTING CONCHS, HORSE

Port Inflow, Aft CONCHS, STINGRAYS, AUGERS, OLIVES, TULIPS, SEA WHIP, PEN SHELLS, QUAHOGS

Stbd Inflow, Fore JELLY FISH, CATFISH.

Stbd Inflow, Aft

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A.

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

Fine Sand and Rocks being dredged. Top of box still open in order to prevent total clogging of inflow boxes during loading. Outflow screening is in good condition.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 07 / OCT / 2000

Load # 35 Start 1578 End 1746 Dump 1806

Location (lat/long, stations) 27°42'N/82°36'W Tide Stage 0.39

Weather (wind dir, beaufort, sea state, temp, etc.) P.CLOUDY / BEAU. 1 / SS 1-2 / 90°F / NE 3-8

Water Temp., Surface 84°F Below Mid-Depth 84°F

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

Note biological samples:

Port Draghead Clear w/ Rocks Deflector Clear

Stbd Draghead Clear w/ Rocks Deflector Clear

Port Inflow, Fore HORSESHOE CRABS, BRITTLE STARS, STARFISH, WHELKS, FIGHTING CONCHS, HORSE

Port Inflow, Aft CONCHS, STINGRAYS, AUGERS, OLIVES, TULIPS, SEA WHIP, PEN SHELLS, QUAHOGS

Stbd Inflow, Fore

Stbd Inflow, Aft

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A.

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

Fine Sand and Rocks being dredged. Top of box still open in order to prevent total clogging of inflow boxes during loading. Outflow screening is in good condition.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 1 OCT / 2000

Load # 36 Start 2125 End 0010 Dump 0130

Location (lat/long, stations) 27°42'N/82°36'W Tide Stage EBB

Weather (wind dir, beaufort, sea state, temp, etc.) P.CLOUDY / BEAU. 1 / SS 1-2 / NE 8-12

75°F Water Temp., Surface 84°F Below Mid-Depth 84°F

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

Note biological samples:

Port Draghead Clear w/ Rocks Deflector Clear

Stbd Draghead Clear w/ Rocks + ROPE Deflector Clear

Port Inflow, Fore HORSESHOE CRABS, BRITTLE STARS, STARFISH, WHELKS, FIGHTING CONCHS, HORSE

Port Inflow, Aft CONCHS, ~~STINGRAYS~~, AUGERS, OLIVES, TULIPS, SEA WHIP, PEN SHELLS, QUAHOGS

Stbd Inflow, Fore

Stbd Inflow, Aft

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A.

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

Fine Sand and Rocks being dredged. Top of box still open in order to prevent total clogging of inflow boxes during loading. Outflow screening is in good condition.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 08 / OCT / 2000

Load # 37 Start 0421 End 0603 Dump 0743

Location (lat/long, stations) 27°42'N/82°36'W 004+00 to 167+00 Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) CLEAR, BEAUFORT 1 WINDS 5-10

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

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

Note biological samples:

Port Draghead Clear ROCKS Deflector Clear

Stbd Draghead Clear ROCKS Deflector Clear

Port Inflow, Fore HORSESHOE CRABS, BRITTLE STARS, STARFISH, WHELKS, FIGHTING CONCHS, HORSE

Port Inflow, Aft CONCHS, STINGRAYS, AUGERS, OLIVES, TULIPS, SEA WHIP, PEN SHELLS, QUAHOGS

Stbd Inflow, Fore CATFISH, JELLIES

Stbd Inflow, Aft

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A.

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

Fine Sand and Rocks being dredged. Top of box still open in order to prevent total clogging of inflow boxes during loading. Outflow screening is in good condition.

CHAIN / METAL / FIBERGLASS / ROPE / FISHING LINE

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 08 / OCT / 2000

Load # 38 Start 0956 End 1233 Dump 1350

Location (lat/long, stations) 27°42'N/82°36'W Tide Stage FLOOD → SL → EBB

Weather (wind dir, beaufort, sea state, temp, etc.) NE 10-15 BEAUFORT 2 P.CLOUDY

Water Temp., Surface 84°F Below Mid-Depth 84°F

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

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore HORSESHOE CRABS, BRITTLE STARS, STARFISH, WHELKS, FIGHTING CONCHS, HORSE

Port Inflow, Aft CONCHS, STINGRAYS, AUGERS, OLIVES, TULIPS, SEA WHIP, PEN SHELLS, QUAHOGS

Stbd Inflow, Fore

Stbd Inflow, Aft

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A.

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

Fine Sand and Rocks being dredged. Top of box still open in order to prevent total clogging of inflow boxes during loading. Outflow screening is in good condition.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 08 / OCT / 2000

Load # 39 Start 1833 End 2114 Dump 2252

Location (lat/long, stations) 27°42'N/82°36'W Tide Stage 0.6

Weather (wind dir, beaufort, sea state, temp, etc.) P. Cloudy / Beau 4-5 / SS-45 / NW 18-24 mph 84°F Water Temp., Surface 84°F Below Mid-Depth 84°F

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

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore HORSESHOE CRABS, BRITTLE STARS, STARFISH, WHELKS, FIGHTING CONCHS, HORSE

Port Inflow, Aft CONCHS, STINGRAYS, AUGERS, OLIVER, TULIPS, SEA WHIP, PEN SHELLS, QUAHOGS

Stbd Inflow, Fore

Stbd Inflow, Aft

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A.

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

Fine Sand and Rocks being dredged. Top of box still open in order to prevent total clogging of inflow boxes during loading. Outflow screening is in good condition.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 09 / OCT / 2000

Load # 40 Start 0231 End 0444 Dump 0601

Location (lat/long, stations) 27°42'N/82°36'W 04+00 to 104+00 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) P. CLOUDY BEAUFORT 3 WINDS NW 10-20

Water Temp., Surface 84°F Below Mid-Depth 83°F

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

Note biological samples:

Port Draghead Clear Rocks Deflector Clear

Stbd Draghead Clear Rocks Deflector Clear

Port Inflow, Fore
Port Inflow, Aft
Stbd Inflow, Fore
Stbd Inflow, Aft

HORSESHOE CRABS, BRITTLE STARS, STARFISH, WHELKS, FIGHTING CONCHS, HORSE CONCHS, STINGRAYS, AUGERS, OLIVES, TULIPS, SEA WHIP, PEN SHELLS, QUAHOGS CATFISH

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A.

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

Fine Sand and Rocks being dredged. Top of box still open in order to prevent total clogging of inflow boxes during loading. Outflow screening is in good condition.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN / C. CARROll

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 10 / OCT / 2000

Load # 41 Start 2359 End 0235 Dump 0400

Location (lat/long, stations) 27°42'N/82°36'W 004+00 to 107+00 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) P.CLOUDY WINDS NNE 15-25 BEAUFORT 3-4

Water Temp., Surface Below Mid-Depth

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

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore HORSESHOE CRABS, BRITTLE STARS, STARFISH, WHELKS, FIGHTING CONCHS, HORSE

Port Inflow, Aft CONCHS, STINGRAYS, AUGERS, OLIVER, TULIPS, SEA WHIP, PEN SHELLS, QUAHOGS

Stbd Inflow, Fore

Stbd Inflow, Aft

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A.

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

Fine Sand and Rocks being dredged. Top of box still open in order to prevent total clogging of inflow boxes during loading. Outflow screening is in good condition.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 10 / OCT / 2000

Load # 42 Start 0644 End 0854 Dump 1051

Location (lat/long, stations) 27°42'N/82°36'W 004 to 107

Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) PCLOUDY WINDS NNE 15-25 BEAUFORT 3-4

Water Temp., Surface 82°F Below Mid-Depth 82°F

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

Note biological samples:

Port Draghead Clear Rock Deflector Clear Rock

Stbd Draghead Clear Rock Deflector Clear

Port Inflow, Fore HORSESHOE CRABS, BRITTLE STARS, STARFISH, WHELKS, FIGHTING CONCHS, HORSE

Port Inflow, Aft CONCHS, STINGRAYS, AUGERS, OLIVES, TULIPS, SEA WHIP, PEN SHELLS, QUAHOGS

Stbd Inflow, Fore

Stbd Inflow, Aft

Port Overflow, Primary Clear lots of Rocks Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A.

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

Fine Sand and Rocks being dredged. Top of box still open in order to prevent total clogging of inflow boxes during loading. Outflow screening is in good condition.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 10 / OCT / 2000

Load # 43 Start 1307 End 1453 Dump 1711

Location (lat/long, stations) 27°42'N/82°36'W 19+00–107+00 Tide Stage 0.2

Weather (wind dir, beaufort, sea state, temp, etc.) 83°F / BSS 3-4 / N NE 10 15

Water Temp., Surface 84°F Below Mid-Depth 84°F

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

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore HORSESHOE CRABS, BRITTLE STARS, STARFISH, WHELKS, FIGHTING CONCHS, HORSE

Port Inflow, Aft CONCHS, STINGRAYS, AUGERS, OLIVES, TULIPS, SEA WHIP, PEN SHELLS, QUAHOGS

Stbd Inflow, Fore Sea Robin

Stbd Inflow, Aft

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A

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

Fine Sand and Rocks being dredged. Top of box still open in order to prevent total clogging of inflow boxes during loading. Outflow screening is in good condition.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 10 / OCT / 2000

Load # 44 Start 1944 End 2242 Dump _____

Location (lat/long, stations) 27°42'N/82°36'W 107+00 — 004+00 Tide Stage 0.91

Weather (wind dir, beaufort, sea state, temp, etc.) 68°F / BSS 2-3 / NE 15-20 / P Cloudy

_____ Water Temp., Surface 84°F Below Mid-Depth 84°F

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

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore HORSESHOE CRABS, BRITTLE STARS, STARFISH, WHELKS, FIGHTING CONCHS, HORSE

Port Inflow, Aft CONCHS, STINGRAYS, AUGERS, OLIVES, TULIPS, SEA WHIP, PEN SHELLS, QUAHOGS

Stbd Inflow, Fore Sea Robins

Stbd Inflow, Aft

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A.

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

Fine Sand and Rocks being dredged. Top of box still open in order to prevent total clogging of inflow boxes during loading. Outflow screening is in good condition.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 11 / OCT / 2000

Load # 45 Start 0246 End 0532 Dump ~~0013~~ 0658

Location (lat/long, stations) 27°42'N/82°36'W 004 to 107 Tide Stage 0.23

Weather (wind dir, beaufort, sea state, temp, etc.) NNE 20-30 BEAUFORT 3-4 P. CLOUDY

Water Temp., Surface _____ Below Mid-Depth _____

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

Note biological samples:

Port Draghead ~~Clear~~ ROCKS Deflector Clear

Stbd Draghead ~~Clear~~ ROCKS Deflector Clear

Port Inflow, Fore HORSESHOE CRABS, BRITTLE STARS, STARFISH, WHELKS, FIGHTING CONCHS, HORSE

Port Inflow, Aft CONCHS, STINGRAYS, AUGERS, OLIVES, TULIPS, SEA WHIP, PEN SHELLS, QUAHOGS

Stbd Inflow, Fore CATFISH

Stbd Inflow, Aft

Port Overflow, Primary ~~Clear~~ ROCKS Secondary N/A

Stbd Overflow, Primary ~~Clear~~ ROCKS Secondary N/A.

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

Fine Sand and Rocks being dredged. Top of box still open in order to prevent total clogging of inflow boxes during loading. Outflow screening is in good condition.

LOOSE GRATING/REBAR IN PORT AFTER BOX

ROPE, PLASTIC, FIBERGLASS CHAIN, FISHING LINE

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 11 / OCT / 2000

Load # 46 Start ~~0246~~ 0933 End 1411 Dump 1540

Location (lat/long, stations) 27°42'N/82°36'W 004^00 to 107^00 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) P. CLOUDY BEAUFORT 3-4 WINDS NNE 20-30

Water Temp., Surface 82.5°F Below Mid-Depth 82°F

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

Note biological samples:

Port Draghead ~~Clear~~ Deflector Clear

Stbd Draghead ~~Clear~~ Deflector Clear

Port Inflow, Fore HORSESHOE CRABS, BRITTLE STARS, STARFISH, WHELKS, FIGHTING CONCHS, HORSE

Port Inflow, Aft CONCHS, STINGRAYS, AUGERS, OLIVES, TULIPS, SEA WHIP, PEN SHELLS, QUAHOGS

Stbd Inflow, Fore SEA ROBIN

Stbd Inflow, Aft

Port Overflow, Primary ~~Clear~~ Secondary N/A

Stbd Overflow, Primary ~~Clear~~ Secondary N/A

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

Fine Sand and Rocks being dredged. Top of box still open in order to prevent total clogging of inflow boxes during loading. Outflow screening is in good condition.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TE	4-6	0900 IN CHANNEL - FEEDING

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 11 / OCT / 2000

Load # 47 Start 1816 End 2123 Dump 2256

Location (lat/long, stations) 27°42'N/82°36'W Tide Stage 0.98

Weather (wind dir, beaufort, sea state, temp, etc.) P.Cloudy / BSS 2-4 / NE 15 to 25

Water Temp., Surface 82°F Below Mid-Depth 82°F

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

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore HORSESHOE CRABS, BRITTLE STARS, STARFISH, WHELKS, FIGHTING CONCHS, HORSE

Port Inflow, Aft CONCHS, STINGRAYS, AUGERS, OLIVES, TULIPS, SEA WHIP, PEN SHELLS, QUAHOGS

Stbd Inflow, Fore

Stbd Inflow, Aft

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A

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

Fine Sand and Rocks being dredged. Top of box still open in order to prevent total clogging of inflow boxes during loading. Outflow screening is in good condition.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN / C. CARROll

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 12 / OCT / 2000

Load # 48 Start 0118 End 0805 Dump 0639

Location (lat/long, stations) 27°42'N/82°36'W CUT 100 to 107 NO Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) MOSTLY CLEAR NNE 15-22 BEAUFORT 2-3

Water Temp., Surface 83°F Below Mid-Depth 82.5°F

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

Note biological samples:

Port Draghead Clear Rocks Deflector Clear

Stbd Draghead Clear Rocks Deflector Clear

Port Inflow, Fore HORSESHOE CRABS, BRITTLE STARS, STARFISH, WHELKS, FIGHTING CONCHS, HORSE

Port Inflow, Aft CONCHS, STINGRAYS, AUGERS, OLIVES, TULIPS, SEA WHIP, PEN SHELLS, QUAHOGS

Stbd Inflow, Fore CATFISH

Stbd Inflow, Aft

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A.

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

Fine Sand and Rocks being dredged. Top of box still open in order to prevent total clogging of inflow boxes during loading. Outflow screening is in good condition.

~~BAR CAME~~ BAR MISSING IN PORT AFTER BOX

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 12 / OCT / 2000

Load # 49 Start 0918 End 1315 Dump 1442.

Location (lat/long, stations) 27°42'N/82°36'W 004^00 to 107^00 Tide Stage FLOOD 2.15

Weather (wind dir, beaufort, sea state, temp, etc.) NNE 20-25 BEAUFORT 3 MOSTLY CLEAR

Water Temp., Surface 82.5°F Below Mid-Depth 82.5°F

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

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore HORSESHOE CRABS, BRITTLE STARS, STARFISH, WHELKS, FIGHTING CONCHS, HORSE

Port Inflow, Aft CONCHS, STINGRAYS, AUGERS, OLIVES, TULIPS, SEA WHIP, PEN SHELLS, QUAHOGS

Stbd Inflow, Fore Catfish, Sea Robin.

Stbd Inflow, Aft

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A.

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

Fine Sand and Rocks being dredged. Top of box still open in order to prevent total clogging of inflow boxes during loading. Outflow screening is in good condition.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Cc	1 (JUV)	0900 / CHANNEL 3A MARKER / SURFACED

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 12 / OCT / 2000

Load # 50 Start 1729 End 2036 Dump 1452 ?

Location (lat/long, stations) 27°42'N/82°36'W 107+00 → 004+00 Tide Stage 2.15

Weather (wind dir, beaufort, sea state, temp, etc.) 86°F / BSS 3 / Clearing few Clouds / NNE 12-18 mph.

Water Temp., Surface 82.5°F Below Mid-Depth 82.5°F

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

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore
Port Inflow, Aft
Stbd Inflow, Fore
Stbd Inflow, Aft

HORSESHOE CRABS, BRITTLE STARS, STARFISH, WHELKS, FIGHTING CONCHS, HORSE CONCHS, STINGRAYS, AUGERS, OLIVES, TULIPS, SEA WHIP, PEN SHELLS, QUAHOGS Flounder, Eel, Pufferfish, Spider Crab.

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A.

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

Fine Sand and Rocks being dredged. Top of box still open in order to prevent total clogging of inflow boxes during loading. Outflow screening is in good condition.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Te	4-6	1615 / Leaving Pump out / Feeding + Socializing / 2ND Sighting MOB HRS

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 13 / OCT / 2000

Load # 51 Start 0039 End 0139 Dump _____

Location (lat/long, stations) 27°42'N/82°36'W 004+00 to 107+00 Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) NNE 20-25 BEAUFORT 3 CLEAR

Water Temp., Surface ~~[illegible]~~ 80°F Below Mid-Depth ~~[illegible]~~ 79°F

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

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore HORSESHOE CRABS, BRITTLE STARS, STARFISH, WHELKS, FIGHTING CONCHS, HORSE

Port Inflow, Aft CONCHS, STINGRAYS, AUGERS, OLIVER, TULIPS, SEA WHIP, PEN SHELLS, QUAHOGS

Stbd Inflow, Fore

Stbd Inflow, Aft

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A.

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

Fine Sand and Rocks being dredged. Top of box still open in order to prevent total clogging of inflow boxes during loading. Outflow screening is in good condition.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 12 / OCT / 2000

Load # 52 Start 0841 End 1308 Dump 1435

Location (lat/long, stations) 27°42'N/82°36'W 004^too to 107^too Tide Stage 2.03

Weather (wind dir, beaufort, sea state, temp, etc.) NNE 15-25 BEAUFORT 2-3 PCLOUDY

Water Temp., Surface 80°F Below Mid-Depth 79°F

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

Note biological samples:

Port Draghead ~~Clear~~ SEA STARS Deflector ~~Clear~~ Rocks

Stbd Draghead ~~Clear~~ ROCK / BURROWING SEA STARS Deflector ~~Clear~~ BURROWING SEA STARS

Port Inflow, Fore HORSESHOE CRABS, BRITTLE STARS, STARFISH, WHELKS, FIGHTING CONCHS, HORSE

Port Inflow, Aft CONCHS, STINGRAYS, AUGERS, OLIVES, TULIPS, SEA WHIP, PEN SHELLS, QUAHOGS

Stbd Inflow, Fore catfish, Trout.

Stbd Inflow, Aft

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A.

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

Fine Sand and Rocks being dredged. Top of box still open in order to prevent total clogging of inflow boxes during loading. Outflow screening is in good condition.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	3	1408 / Channel to Pumpout / Swimming West

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RD Weeks

Project: ST Pete Entrance Channel

Date: 13 / OCT / 2000

Load # 53 Start 1713 End 1815 Dump 2008

Location (lat/long, stations) 27°42'N 82°36 W - STA. 226+00 294+00 Tide Stage 1.72

Weather (wind dir, beaufort, sea state, temp, etc.) P. Cloudy / BSS 1-2 / 82° / NE 10-12

Water Temp., Surface 80°F Below Mid-Depth 79°F

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

Note biological samples:

Port Draghead Rope, Rebar Deflector Clear

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore Horseshoe Crab, Quahogs, Starfish, Stingrays, Mid N/A

Port Inflow, Aft tube worms, Catfish,

Stbd Inflow, Fore Mid N/A

Stbd Inflow, Aft

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A.

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

Material is sand, and silt. Large amounts of shell causing some blockage during loading. Box tops are still open during inflow but there is very little overflow at this time.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TE	6	/ On way to dig site / Feeding & Socializing

Observer(s) on duty K. Dahlen / C. Powell

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN Weeks

Project: St. Pete Entrance Channel

Date: 12 / OCT / 2000

Load # ~~23~~ 54 Start 0345 End 0452 Dump 0645

Location (lat/long, stations) 27°42'N 82°36W / ~~107+00 → 004+00~~ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) P. Cloudy / 78°F / BSS 1 / NNE 10-15

Water Temp., Surface 80°F Below Mid-Depth 79°F

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

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore STINGRAYS, HORSESHOE CRABS, CARIB. Mid ~~N/A~~ VASE SHELLS

Port Inflow, Aft CATFISH, QUAHOGS, BURROWING SEA STARS, BRITTLE STARS

Stbd Inflow, Fore POLYCHAETES, ARK8, SPIDER CRAB, Mid N/A

Stbd Inflow, Aft

Port Overflow, Primary Secondary N/A

Stbd Overflow, Primary Secondary N/A

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

226-294

Section 3 STATIONS 226+00 to 294+00

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. Dahlen / C. Carroll

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN NEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 14 / OCT / 2000

Load # 55 Start 0922 End 1440 Dump 1614

Location (lat/long, stations) 27°42 N 82°36 W 004+00 to 107+00 Tide Stage .7 ↑

Weather (wind dir, beaufort, sea state, temp, etc.) MOSTLY CLEAR BEAUFORT 1-2 NNE 5-12

Water Temp., Surface 79° F Below Mid-Depth 78°F

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

Note biological samples:

Port Draghead Clear w/Rocks Deflector Clear

Stbd Draghead Clear w/Rock Deflector Clear

Port Inflow, Fore } Hermit crabs, Horseshoe crabs, catfish Mid N/A

Port Inflow, Aft } Fighting Conchs, Whelks, Tube worms,

Stbd Inflow, Fore } Rope, Scrap Metal, wood. Mid N/A

Stbd Inflow, Aft }

Port Overflow, Primary Secondary N/A

Stbd Overflow, Primary Secondary N/A

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

Boxes are still being run with tops open to prevent totall clogging. Overflow was and is still screened and in good condition.

Boxes were not flushed on this load and was unable to inspect contents.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T	2-4	0915 / EN ROUTE TO CHANNEL / SOCIALIZING
T	4-6	1000 / NAV MARKER #3 / " "

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 14 / OCT / 2000

Load # 56 Start 1913 End 2030 Dump 2248

Location (lat/long, stations) 27°42N 82°36W 226 to 294 Tide Stage 2.56

Weather (wind dir, beaufort, sea state, temp, etc.) Clear / BSS 3-4 / NNE 8-15 / 84°F

Water Temp., Surface 80°F Below Mid-Depth 79°F

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

Note biological samples:

Port Draghead Clear / Cable & Rope Deflector Clear

Stbd Draghead Clear / Rebar and Rope. Deflector Clear

Port Inflow, Fore } Quahog, hermit crabs, Horseshoe Mid N/A

Port Inflow, Aft } crab, tube worm catfish, flounder, Spider crab, Stingray

Stbd Inflow, Fore } Whelk, Conch.. Mid N/A

Stbd Inflow, Aft }

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A.

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

Boxes are still open during loading to prevent clogging. On this section very little overflow. Good screening.

Material consists of sand.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. Dahlen / C. Carroll

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 15 / OCT / 2000

Load # 57 Start 0134 End 0248 Dump 0445

Location (lat/long, stations) 27°42 N 82°36 W 226 TOO to 294 TOO Tide Stage EBB

Weather (wind dir, beaufort, sea state, temp, etc.) P. CLOUDY WINDS 2-8 N BEAUFORT 1

Water Temp., Surface _____ Below Mid-Depth _____

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

Note biological samples:

Port Draghead Rocks Deflector

Stbd ~~Draghead~~ DEFLECTOR → BURROWING STARS, HORSESHOE CRABS, STING RAYS } ~~Deflector~~ DRAGHEAD - Rocks

Port Inflow, Fore HORSE SHOE CRABS, HORSE CONCHS, Mid FIGHTING CONCHS, LINING

Port Inflow, Aft WHELKS, CATFISH, QUAHOGS, CARIBBEAN VASE SHELLS,

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

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

ROCKS, METAL, CHAIN, CANS, KNIFE, PLASTIC

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty KIRSTEN DAHLEN & CHRIS CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 15 / OCT / 2000

Load # 58 Start 0802 End 0858 Dump 1107

Location (lat/long, stations) 27°42 N 82°36 W 226^too to 294^too Tide Stage FLOOD

Weather (wind dir, beaufort, sea state, temp, etc.) WINDS N 5-12 BEAUFORT 1-2 MOSTLY CLEAR

Water Temp., Surface 79°F Below Mid-Depth 78°F

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

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore HORSE SHOE CRABS, STINGRAYS, HORSE Mid CONCHS, FIGHTING CONCHS,

Port Inflow, Aft CONING WHELKS, OLIVES, TULIPS, AUGERS, QUAHOGS, PEN SHELLS,

Stbd Inflow, Fore BRITTLE STARS, KEYHOLE URCHINS, FROGS Mid MOON SNAILS,

Stbd Inflow, Aft CARIBBEAN VASE SHELLS, FLOUNDER, CATFISH, SCIPPERS

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TE	46	0900 / CHANNEL / FDG

Observer(s) on duty KIRSTEN DAHLEN & CHRIS CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 15 / OCT / 2000

Load # 59 Start 1340 End 1458 Dump 1715

Location (lat/long, stations) 27° 42 N 82° 36 W / STATIONS ASSN. #3 226+00 → 294+00 Tide Stage 1.48

Weather (wind dir, beaufort, sea state, temp, etc.) 84°F / BSS 1-2 / NNE 4-7 MPH /

Water Temp., Surface 79°F Below Mid-Depth 78°F

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

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore } Quahogs Horseshoe crabs, Stingray Mid N/A.

Port Inflow, Aft } Tube worms, Catfish, Fighting Conch

Stbd Inflow, Fore } Mid N/A.

Stbd Inflow, Aft }

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A

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

Material consist of sand and shell.

Delayed due to mechanical problems

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TE		Leaving Passport / Feeding + Socializing
Ø		

Observer(s) on duty K. DAHLEN & C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 15 / OCT / 2000

Load # 60 Start 2148 End 2240 Dump 2400

Location (lat/long, stations) 27°42 N 82°36 W / STATIONS: ASSESS #3 226 – 294 Tide Stage 1.71

Weather (wind dir, beaufort, sea state, temp, etc.) NNE 8-12 / 76°F / BSS 1-3 / Clear

Water Temp., Surface 79°F Below Mid-Depth 78°F

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

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore Stingrays, Horseshoe Crabs Mid N/A

Port Inflow, Aft Catfish, Whelk, Fighting Conch, Armored Starfish

Stbd Inflow, Fore Brittle Stars, Flounder Mid N/A

Stbd Inflow, Aft

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A

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

Material is sand and heavy concentration of Biota and Bycatch in Boxes.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty K DAHLEN & CHRIS CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 16 / OCT / 2000

Load # 61 Start 0403 End 0520 Dump 0730

Location (lat/long, stations) 27°42 N 82°36 W 226 to 294 to Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) PCLOUDY N 5-12 BEAUFORT 1-2

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

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

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore HORSE SHOE CRABS, STINGRAYS, HORSE Mid CONCHS, FIGHTING CONCHS,

Port Inflow, Aft LIGHTNING WHELKS, ARCS, TULIPS, OLIVES, AUGERS, CARIBBEAN VASE

Stbd Inflow, Fore SHELLS, PEN SHELLS, QUAHOGS, POLYCHAETS, Mid ARMORED STARS,

Stbd Inflow, Aft BRITTLE STARS,

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

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

_____

_____

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Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN & C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 16 / OCT / 2000

Load # 62 Start 1040 End 1141 Dump 1357

Location (lat/long, stations) 27°42N 82°36W 226to to 294to Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) CLEAR NNE 5-12 BEAUFORT 2

Water Temp., Surface 78°F Below Mid-Depth 77°F

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

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore HORSE SHOE CRABS, STINGRAYS, MOON Mid SNAILS, SLIPPER SHELLS,

Port Inflow, Aft AUGERS, TULIPS, OLIVES, CARIBBEAN VASE SHELLS, HORSE CONCHS,

Stbd Inflow, Fore FIGHTING CONCHS, LIGHTNING WHELKS, Mid KEY HOLE URCHINS, TELLINS,

Stbd Inflow, Aft QUAHOGS, BURROWING STARS,

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A.

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

Material is sand, shell, and some rock.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
UN 10'D TURTLE	1	0910 / LEAVING DUMP / SURFACED
TE	3	1340 / upon arrival at Pumpout / Feeding Socializing

Observer(s) on duty K DAHLEN & C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 16 / OCT / 2000

Load # 63 Start 1637 End 1758 Dump 2005

Location (lat/long, stations) 27°42N 82°36W / SECT. #3 STA. 226-294 Tide Stage 1.96

Weather (wind dir, beaufort, sea state, temp, etc.) NNE 8-12 / BSS 1-2 / 87°F / Clear

Water Temp., Surface 78°F Below Mid-Depth 77°F

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

Note biological samples:

Port Draghead clear Deflector Clear

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore Horseshoe crabs, Starfish, Whelk, conch Mid

Port Inflow, Aft Stingray, Quahogs, olives, tulips, augers, brittle stars, catfish, Tube

Stbd Inflow, Fore worms, Jelly Fish, Sea Whip, Sea Mid Mussels.

Stbd Inflow, Aft

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A

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

Material consists of sand and a small amount of Rock in this section. Screening is effective.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty K. DAHLEN & C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE. ENTRANCE CHANNEL

Date: 16/17 / OCT / 2000

Load # 64 Start 2258 End 2400 Dump 0211

Location (lat/long, stations) 27°42 N 82°36 W / SECT. #3 STA: 226 – 294 Tide Stage 1.61

Weather (wind dir, beaufort, sea state, temp, etc.) Clear / NNE 10 / 1355 1-2 / 73°F

Water Temp., Surface 78°F Below Mid-Depth 77°F

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

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore } HORSE SHOE CRABS, STINGRAYS, Mid HORSE CONCHS, FIGHTING
Port Inflow, Aft } CONCHS, LIGHTNING WHELKS, QUAHOGS, OLIVES, TULIPS, ANGELS,
Stbd Inflow, Fore } SLIPPERS, MOONSNAILS, BURROWING Mid STARS, CATFISH,
Stbd Inflow, Aft } * COLT PEACEMAKER 44 (STBD FWD INFLOW), FLOUNDER

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty K. DAHLEN & C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 17 / OCT / 2000

Load # 65 Start 0500 End 0610 Dump 0804

Location (lat/long, stations) 27°42 N 82°36 W 226to to 294to Tide Stage EBB

Weather (wind dir, beaufort, sea state, temp, etc.) M. CLEAR NNE 5-12 BEAUFORT 1-2

Water Temp., Surface 78°F Below Mid-Depth 77°F

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

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore HORSE SHOE CRABS, HERMIT CRABS, Mid STONE CRABS, STING RAYS,

Port Inflow, Aft QUAHOGS, PEN SHELLS, OYSTERS, SCALLOPS, COCKLES, SLIPPERS,

Stbd Inflow, Fore MOON SNAILS, HORSE CONCHS, Mid FIGHTING CONCHS,

Stbd Inflow, Aft LIGHTNING WHELKS, HELMETS, CATFISH, AUGERS, OLIVES, TULIPS,

Port Overflow, Primary ARMORED STARS, BURROWING Secondary STARS

Stbd Overflow, Primary _____ Secondary _____

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN & C. CALLOW

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 17 / OCT / 2000

Load # 160 Start ~~0500~~ 1112 End 1222 Dump 1425

Location (lat/long, stations) 27°42N 82°36W 226 to 294 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) P. CLOUDY WINDS NNE 8-15 BEAUFORT

Water Temp., Surface 78° F Below Mid-Depth 77° F

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

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore HORSE SHOE CRABS, STINGRAYS, HORSE Mid CONCHS, FIGHTING CONCHS,

Port Inflow, Aft LIGHTNING WHELKS, QUAHOGS, OYSTERS, SCALLOPS, COCKLES, TELLINS, ANGELS,

Stbd Inflow, Fore BANDED & TRUE TULIPS, OLIVES, SLIPPER Mid MOON SNAILS, SEA WHIP,

Stbd Inflow, Aft PEN SHELLS, KEY HOLE URCHINS

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A

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

Material remains the same. By-catch remains the same.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Sphyrna tiburo (Bonnethead)	1	1015 / SUNRISE SKYWAY BRIDGE / SURFACED 1040 - 2nd sighting

Observer(s) on duty KDAHLEN & C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 17 / OCT / 2000

Load # 67 Start 1712 End 1828 Dump 2013

Location (lat/long, stations) 27°42 N 82°36W / STATION # 3 026 - 294 Tide Stage 1.50

Weather (wind dir, beaufort, sea state, temp, etc.) NNE 8-10 / BFS 2-3 / 88°F / Clear

Water Temp., Surface 78°F Below Mid-Depth 77°F

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

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore / Port Inflow, Aft / Stbd Inflow, Fore / Stbd Inflow, Aft: Stingray Horseshoe crab, Live Tube worms, Whelks, Conchs, Catfish, Flounder, Sea Whip, Pen Shells, Keyhole

Mid: Tulips, Augers, Quahog, Urchins Cockles

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A

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

Sand & small Rock. Bycatch remains the same.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TE	4	1308 / Pump out transit / Feeding & Socializing

Observer(s) on duty K. DAHLEN & C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 18 / OCT / 2000

Load # 68 Start 2323 End 0046 Dump 0255

Location (lat/long, stations) 27°42 N 82°36 W 226 too to 294 too Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) P.CLOUDY NNE 5-12 BEAUFORT 1-2

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

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

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore HORSE SHOE CRABS, STING RAYS Mid CATFISH, HORSE CONCH,

Port Inflow, Aft FIGHTING CONCH, LIGHTNING WHELKS TELLINS, VASE SHELLS

Stbd Inflow, Fore QUAHOGS, SCALLOPS, OYSTERS Mid BRITTLE STARS,

Stbd Inflow, Aft POLYCHAETES STONE CRABS, OLIVES, TULIPS

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN & C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 18 / OCT / 2000

Load # 69 Start 0547 End 0658 Dump 0852

Location (lat/long, stations) 27°42N 82°36W 226too to 294too Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) P. CLOUDY BEAUFORT 2 NNE S-R

Water Temp., Surface 76°F Below Mid-Depth 76°F

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

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore HS. CRABS, HERMIT & STONE CRABS Mid CATFISH, STINGRAYS

Port Inflow, Aft OLIVES, TULIPS, VASE SHELLS, SLIPPERS, MOON SNAILS, HORSE &

Stbd Inflow, Fore FTG CONCHS, LIVING WHELKS, ARKS Mid QUAHOGS, SCALLOPS

Stbd Inflow, Aft OYSTERS,

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TT	4-6	0800 / DUMP / FDG

Observer(s) on duty KIRSTEN DAHLEN & CHRIS CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 18 / OCT / 2000

Load # 70 Start 1201 End 1336 Dump 1533

Location (lat/long, stations) 27°42N 82°36 W 226+00 to 294+00 Tide Stage 0.33

Weather (wind dir, beaufort, sea state, temp, etc.) P. CLOUDY / HAZY NNE 5 BEAUFORT 1

Water Temp., Surface 76° F Below Mid-Depth 76° F

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

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore } Stingray, Horseshoe crab, rock crabs, Mid Tulip, augus, moons,
Port Inflow, Aft } Catfish, searobin, Tube worms, sea whip, whelk, Conch, Sand
Stbd Inflow, Fore } dollars, Mid N/A.
Stbd Inflow, Aft }

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A.

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

Material consists of sand, rock, and shell. By-catch is still the same.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TE	3-4	1445 / Transit to Pumpout / Feeding & Socializing

Observer(s) on duty KIRSTEN DAHLEN & CHRIS CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 18 / OCT / 2000

Load # 71 Start 1819 End 1955 Dump 2203

Location (lat/long, stations) 27°42N 82°36W 226+00 to 294+00 Tide Stage 1.96

Weather (wind dir, beaufort, sea state, temp, etc.) NNE 10-15 / B3S-2-3 / Clear / 82°F

Water Temp., Surface 76°F Below Mid-Depth 76°F

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

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore } Horseshoe crabs, Hermit crabs, Mid Quahogs, Stingrays, Catfish,

Port Inflow, Aft } Tulips, augers, moons, Whelks, conchs, sea whips, Tube worms,

Stbd Inflow, Fore } Skates, flounder Mid

Stbd Inflow, Aft }

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A

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

Material and By-catch remains the same.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty KIRSTEN DAHLEN & CHRIS CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 19 / OCT / 2000

Load # 72 Start 0048 End 0232 Dump 0434

Location (lat/long, stations) 27°42N 82°36 W 226 too to 294 too Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) P CLOUDY NNE 5-10 BEAUFORT 1-2

Water Temp., Surface 76°F Below Mid-Depth 76°F

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

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore HORSE SHOE CRABS, STINGRAYS, CATFISH Mid LNING WHELKS,

Port Inflow, Aft FTIN & HORSE CONCHS, TOLLINS, VASE SNAILS, OLIVES, TULIPS

Stbd Inflow, Fore SCALLOPS, CLAMS, OYSTERS, DRUMS, ANGEL Mid BRITTLE STARS

Stbd Inflow, Aft _____

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty KIRSTEN DAHLEN & CHRIS CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 19 / OCT / 2000

Load # 73 Start 0726 End 0843 Dump 1026

Location (lat/long, stations) 27°42N 82°36 W 226 to 294 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) P. CLOUDY BEAUFORT 1-2 WINDS: NNE 5-12

Water Temp., Surface 75°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead OK Deflector OK

Stbd Draghead OK Deflector OK

Port Inflow, Fore HORSE SHOE CRABS, HERMIT, STONE CRABS Mid CRABS, STINGRAYS, CATFISH

Port Inflow, Aft HORSE & FIGHTING CONCHS, LIGHTNING WHELKS, OLIVES, TULIPS, AUGERS

Stbd Inflow, Fore APPLE MUREX, ~~Au~~ VASE SHELLS, ARCS Mid QUAHOGS, PEN SHELLS, TELLINS

Stbd Inflow, Aft SCALLOPS, OYSTERS, SEAWITH P, BURROWING STARS

Port Overflow, Primary OK Secondary

Stbd Overflow, Primary OK Secondary

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	~~3~~ 4	0830 / CHANNEL / FEEDING
Tt	1	1025 / near pump out
Tt	3	1303 / Transit to Disposite / Playing in boat wake

Observer(s) on duty K. DAHLEN & C. CARROLL & NATHAN SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 19 / OCT / 2000

Load # 74 Start 1322 End 1457 Dump 1657

Location (lat/long, stations) 27°42 N 82°36 W 226 to 294 Tide Stage 0.04

Weather (wind dir, beaufort, sea state, temp, etc.) NE 1-3 / BSS 0-1 / 90°F

Water Temp., Surface 78°F Below Mid-Depth 77°F

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

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore } Horseshoe crabs, tulips, olives, Augers, Mid Sea whip, Quahogs, Oyster shell,

Port Inflow, Aft } tube worms, hermit crabs, stingrays, Whelk, Conch, catfish, flounder

Stbd Inflow, Fore } Mid

Stbd Inflow, Aft }

Port Overflow, Primary Clear Secondary N/A

Stbd Overflow, Primary Clear Secondary N/A.

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

Sand & Rock, material & by-catch remain the same

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	3	1430 / Dig area / Playing, Feeding, + Socializing

Observer(s) on duty K. Dahlen, C Carroll, Nathan Schwalen

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 19 / OCT / 2000

Load # 75 Start 1933 End 2140 Dump 2355

Location (lat/long, stations) 27°42'N 82°36'W 226+00 to 294+00 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE 5-10 / 72°F / BSS 1-2

Water Temp., Surface 77°F Below Mid-Depth 76°F

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

Note biological samples:

Port Draghead ~~Clear~~ Rocks Deflector ~~Clear~~ SHELL, SEA STARS

Stbd Draghead ~~Clear~~ Rocks Deflector Clear

Port Inflow, Fore HORSE SHOE CRABS, HERMIT CRABS Mid STONE CRABS, CATFISH,

Port Inflow, Aft STINGRAYS, LIGHTNING WHELKS, HORSE & FIGHTING CONCHS

Stbd Inflow, Fore VASE SHELLS, SLIPPERS, MOON Mid SNAILS, OLIVES, AUGERS

Stbd Inflow, Aft TULIPS, QUAHOGS, SCALLOPS, OYSTERS, ARCS, PEN SHELLS

Port Overflow, Primary ~~Clear~~ Rocks, LIGHTNING WHELKS Secondary N/A

Stbd Overflow, Primary ~~Clear~~ Rocks Secondary N/A

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

Material being dredged remains the same. By-catch remains the same.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty K. DAHLEN, C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: ~~19~~ 20 / OCT / 2000

Load # 76 Start 0237 End 0436 Dump 0644

Location (lat/long, stations) 27°42N 82°36W 226 to 294 Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) 9 CLOUDY. WINDS NE 5-12 BEAUFORT 1-2

_____ Water Temp., Surface 75°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore HORSE SHOE CRABS, HERMIT CRABS, Mid STONE CRABS, STING RAYS

Port Inflow, Aft CATFISH, FIGHTING WHELKS, HORSE & FIGHTING CONCHS, SLIPPERS

Stbd Inflow, Fore MOON SNAILS, OLIVES, TULIPS Mid AUGERS, QUAHOGS, ARCS

Stbd Inflow, Aft SCALLOPS, OYSTER, PEN SHELLS, BRITTLE STARS, SEA STARS

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN & C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE

Date: 20 / OCT / 2000

Load # 77 Start 0950 End 1200 Dump 13:45

Location (lat/long, stations) 27°42N 82°36 W 226 to 294 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 0-1, Beaufort 1, CALM,

Water Temp., Surface 75 Below Mid-Depth 75

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

Note biological samples:

Port Draghead None Deflector None

Stbd Draghead None Deflector None

Port Inflow, Fore } HORSE SHOE CRABS, HERMIT Mid CRABS, CATFISH

Port Inflow, Aft } OLIVES, CORAL, PEN SHELLS, CONCHS, WELKS

Stbd Inflow, Fore } TULIPS, OYSTERS, SCALLOPS Mid TULIPS, COHO

Stbd Inflow, Aft }

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

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

TOP OF BOXES ~~SCREENS~~ OPEN TO PREVENT CLOGGING. BY-CATCH REMAINS THE SAME

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.t.	1	10:00 / CHANNEL / WAKE SURFING

Observer(s) on duty K. DAHLEN, C. CARROLL, N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 20 / OCT / 2000

Load # 78 Start 1636 End 1919 Dump

Location (lat/long, stations) 27°42 N 82°36 W 226 to 294 Tide Stage 1.82

Weather (wind dir, beaufort, sea state, temp, etc.) NNE 5-10 / BSS 2-3 / 77°F

Water Temp., Surface 75°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead Clear Deflector Clear

Stbd Draghead Clear Deflector Clear

Port Inflow, Fore } Horseshoe Crabs, Whelk, ~~Mid~~ Conch, Penn, Olives

Port Inflow, Aft } Tulips, augers, sea whip, Quahogs, Stingray

Stbd Inflow, Fore } Catfish, tube worms, flounder

Stbd Inflow, Aft

Port Overflow, Primary Clear Secondary Clear

Stbd Overflow, Primary Clear Secondary Clear

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

Material remains the same. By catch remains the same. Tops of Boxes are still open to prevent total clogging of material

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN, C. CARROLL, N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 21 / OCT / 2000

Load # 79 Start 0015 End 0301 Dump 0507

Location (lat/long, stations) 27°42 N 82°36 W 226 to 294 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NNE 15-22 BEAUFORT 3-2=3 PCLOUDY

Water Temp., Surface 75 Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore SAME BIOTA Mid _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____ Mid _____

Stbd Inflow, Aft _____

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K DAHLEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 21 / OCT / 2000

Load # 80 Start 0804 End 1124 Dump 1330

Location (lat/long, stations) 27°42N 82°36W 226 to 294 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) N, NE 10-12, BEAUFORT-2, CHOPPY

P.CLOUDY Water Temp., Surface 75°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead Rock Deflector

Stbd Draghead CABLE Deflector

Port Inflow, Fore 3 HORSE SHOE CRABS, HERMIT CRABS, Mid STONE CRABS, STING RAYS,

Port Inflow, Aft CAT FISH, HORSE CONCHS, FIGHTING CONCHS, LIONING WHELKS, OLIVES,

Stbd Inflow, Fore TULIPS, AUGERS, MUREX, VASE SHELLS, Mid SLIPPERS, MOON SNAILS,

Stbd Inflow, Aft TELLINS, SCALLOPS, QUAHOGS, COCKLES, KEY HOLE URCHINS, SEA WHIP,

Port Overflow, Primary SPONGE, Secondary

Stbd Overflow, Primary Secondary

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K DAHLEN & N SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 21 / OCT / 2000

Load # 81 Start 1615 End 1922 Dump 2142

Location (lat/long, stations) 27°42N 82°36 W 226 to 294 Tide Stage FLOOD

Weather (wind dir, beaufort, sea state, temp, etc.) NNE 10-20 BEAUFORT 2 P.CLOUDY

Water Temp., Surface 75°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead - ROCK Deflector - SHELL, QUAHOGS, SEA STARS

Stbd Draghead - ROCK Deflector SHELL, QUAHOG, SEA STARS

Port Inflow, Fore } HORSE SHOE CRABS, HERMIT CRABS, STONE Mid CRABS, STING RAY, CATFISH,

Port Inflow, Aft } HORSE & FIGHTING CONCHS, LIGHTNING WHELKS, MOON SNAILS, AUGERS,

Stbd Inflow, Fore } SLIPPERS, OLIVES, MUREX, TULIPS, VASE Mid SHELLS, QUAHOGS, COCKLES,

Stbd Inflow, Aft } OYSTERS, SCALLOPS, SEA WHIP, ENCRUSTING BRYOZOA, SPONGE, BRITTLE

Port Overflow, Primary } STARS, ARMORED STARS, KEY Secondary HOLE URCHINS

Stbd Overflow, Primary } ROCKS Secondary

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

MATERIAL: FINE SAND, CRUSHED SHELL, SHELL, ROCK & SILT.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TURSIOPS TRUNCATUS	4-6	1400 / CHANNEL / FEEDING & SOCIALIZING

Observer(s) on duty D DAHLEN & N SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 22 / OCT / 2000

Load # 82 Start 0025 End 0334 Dump 0700

Location (lat/long, stations) 27°42N 82°36 W 226 to 294 Sect IV Tide Stage 1.19

Weather (wind dir, beaufort, sea state, temp, etc.) N, NE, BEAUFORT 1-2, CALM

Water Temp., Surface 75 Below Mid-Depth 75

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

Note biological samples:

Port Draghead CLEAR Deflector SHELLS, QUAHOGS

Stbd Draghead ROCK, CABLE Deflector SHELLS, QUAHOGS

Port Inflow, Fore HORSE SHOE CRABS, QUAHOGS Mid

Port Inflow, Aft CONCHS, WELKS, TULIPS, OLIVES, STING RAYS, CATFISH

Stbd Inflow, Fore ROCKS, OYSTERS, SCALLOPS Mid

Stbd Inflow, Aft

Port Overflow, Primary SHELLS, ROCKS Secondary

Stbd Overflow, Primary Secondary

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

SAND, SILT, ROCKS, CRUSHED SHELLS; TOPS OF BOXES OPEN TO PREVENT COMPLETE CLOGGING

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO OBSERVATIONS		

Observer(s) on duty K. DAHLEN & N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 22 / OCT / 2000

Load # 83 Start 0825 End 1117 Dump 1305

Location (lat/long, stations) 27°42 N 82°36 W 226 to 294 Sect III Tide Stage 2.53

Weather (wind dir, beaufort, sea state, temp, etc.) WIND NE, 1-2, BEAUFORT (2), ~~CAL~~ MOD CHOP

Water Temp., Surface 75° F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead CLEAR Deflector SHELLS

Stbd Draghead SHELLS Deflector SHELLS

Port Inflow, Fore HORSE SHOE CRABS, ~~QUAHOGS~~ Mid TULIPS, OLIVES

Port Inflow, Aft OYSTERS, SCALLOPS, WHELKS, CONCHS, CATFISH,

Stbd Inflow, Fore BAITFISH, ROCKS Mid

Stbd Inflow, Aft

Port Overflow, Primary ROCKS, SHELLS, Secondary

Stbd Overflow, Primary SPONGES Secondary

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

MATERIAL: ROCK, SAND, SILT, CRUSHED SHELLS

SCREENING: TOPS OF BOXES OPEN TO PREVENT CLOGGING.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
DOUBLE-CRESTED CORMORANT	27	1000 / —

Observer(s) on duty K. DAHLEN & N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RW WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 22 / OCT / 2000

Load # 84 Start 1611 End 1912 Dump 2115

Location (lat/long, stations) 27°42 N 82°36 W 226 too to 294 too Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) P.CLOUDY NE 10-20 BEAUFORT 2-3

Water Temp., Surface 75°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore HORSE SHOE CRABS, HERMIT CRABS, STONE Mid CRABS, STINGRAY, CATFISH,

Port Inflow, Aft FLOUNDER, HORSE & FIGHTING CONCHS, LIGHTNING & PEAR WHELKS,

Stbd Inflow, Fore OLIVES, BANDED & TRUE TULIPS, AUGERS Mid MUREX, WENTLE WRAPS,

Stbd Inflow, Aft VASE SHELLS, SLIPPERS, MOON SHELLS, QUAHOGS, SCALLOPS, OYSTERS, ARKS,

Port Overflow, Primary COCKLES, BRITTLE, ARMORED & Secondary BURROWING STARS,

Stbd Overflow, Primary SEANUTS, SPONGES, KEY HOLE URCHINS Secondary

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN & N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 23 / OCT / 2000

Load # 85 Start ~~FZ08~~ 0008 End 0345 Dump 0600

Location (lat/long, stations) 27°42N 82°36 W 226 to 294 Tide Stage 1.2

Weather (wind dir, beaufort, sea state, temp, etc.) PCLOUDY NNE 5-10 BEAUFORT 1

Water Temp., Surface 75°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead CLEAR Deflector SHELLS

Stbd Draghead ROCKS Deflector SHELLS

Port Inflow, Fore / Port Inflow, Aft: QUAHOGS, HORSE SHOE CRABS, WELKS, ~~Mid~~ TULIPS, OLIVES, CONCHS, ROCKS, CATFISH, STINGRAYS, OYSTERS, SCALLOPS

Stbd Inflow, Fore / Stbd Inflow, Aft: ~~Mid~~

Port Overflow, Primary / Stbd Overflow, Primary: ROCKS, WELKS, QUAHOGS Secondary

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

MATERIAL: LIGHT SAND, SILT, CRUSHED SHELLS, ROCKS, MINIMAL DEBRIS

SCREENING: TOPS OF BOXES OPEN TO PREVENT CLOGGING WHILE DIGGING.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO OBSERVATIONS		

Observer(s) on duty K DAHLEN & N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 23 / OCT / 2000

Load # 86 Start 0846 End 1341 Dump 1530

Location (lat/long, stations) 27°42 N 82°36 W 226 to 294 to 10-20 Tide Stage 2.44

Weather (wind dir, beaufort, sea state, temp, etc.) NE WIND, BEAUFORT-23, LT. CHOP P. CLOUDY Water Temp., Surface 75°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead } ROCKS, QUAHOGS, CABLE Deflector } ROCKS, QUAHOG

Stbd Draghead } Deflector } ARMORED STARS

Port Inflow, Fore } HORSE SHOE CRABS, HERMIT CRABS Mid STONE CRABS, STING RAYS,

Port Inflow, Aft } CATFISH, FLOUNDER, HORSE CONCHS FIGHTING CONCHS, LIGHTNING WHELKS,

Stbd Inflow, Fore } SLIPPERS, MOON SNAILS, AUGERS, WENTLE WRAPS Mid OLIVES, TRUE & BANDED TULIPS,

Stbd Inflow, Aft } QUAHOGS, COCKLES, ARKS, SCALLOPS, TELLINS, BRITTLE STARS, ARMORED STARS, BURROWING STARS, SEAROBIN

Port Overflow, Primary } Secondary

Stbd Overflow, Primary } ROCKS Secondary

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN & N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 23 / OCT / 2000

Load # 87 Start 1841 End 0050 Dump 0400

Location (lat/long, stations) 27°42 N 82°36 W 226 to 294 Tide Stage 1.43

Weather (wind dir, beaufort, sea state, temp, etc.) MOSTLY CLOUDY NNE 10-25 BEAUFORT 2-3

Water Temp., Surface 75°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead CLEAR Deflector ROCK, SHELLS

Stbd Draghead CLEAR Deflector ROCK, SHELLS

Port Inflow, Fore HORSE SHOE CRABS, HERMIT CRABS, STONE CRABS, Mid BLUE CRABS, STING RAY, FLOUNDER,

Port Inflow, Aft HORSE CONCH, FIGHTING CONCH, LIGATNING WHELKS, PEAR WHELKS, ANGELS, WENTLETRAPS

Stbd Inflow, Fore OLIVES, TRUE & BANDED TULIPS, SLIPPERS, Mid MOON SNAILS, QUAHOGS, COCKLES

Stbd Inflow, Aft ARCS, SCALLOPS, OYSTERS, TELLINS, JACKKNIFE CLAMS, PEN SHELLS, KEY HOLE URCHINS, BRITLE STARS, ARMORED STARS, BURROWING STARS, SEA WHIP, SPONGE, VASE SHELLS

Port Overflow, Primary ROCK, SHELLS, SPONGES Secondary

Stbd Overflow, Primary Secondary

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

MATERIAL: LIGT SAND, SILT, CRUSHED SHELLS, ROCKS. LITTLE DEBRIS.

SCREENING: TOPS OF BOXES OPEN TO PREVENT COMPLETE CLOGGING OF BOXES AND PIPES DURING LOADING.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO OBSERVATIONS		

Observer(s) on duty K. DAHLEN & N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 24 / OCT / 2000

Load # 88 Start 0550 End 1200 Dump 1357

Location (lat/long, stations) 27°42N 82°36 W 226 to 294 Tide Stage 0.91

Weather (wind dir, beaufort, sea state, temp, etc.) WIND N by NE; BEAUFORT 1-2, LT. CHOP

Water Temp., Surface 75 Below Mid-Depth 75

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

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore HORSE SHOE CRABS, QUAHOGS, Mid AUGERS, VASE SHELLS,

Port Inflow, Aft ~~BUCKS~~, WELKS, TULIPS, OLIVES, CATFISH, WENTLE TRAPS

Stbd Inflow, Fore STINGRAYS, OYSTERS, SCALLOPS Mid, HORSE & FIGHTING CONCHS

Stbd Inflow, Aft LIGHTNING WHELKS, ACCS, KEY HOLE URCHINS, BURROWING STARS, SLIPPERS MOON SNAILS,

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN & N SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 24 / OCT / 2000

Load # 89 Start 1834 End 2004 Dump 2228

Location (lat/long, stations) 27°42N 82°36 W STA 008+00 to 034+00 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) P. CLOUDY WINTS NNE BEAUFORT 2-3

Water Temp., Surface 76°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore HORSESHOE CRABS, LINING WHELKS Mid HORSE & FIGHTING

Port Inflow, Aft CONCHS, SCALLOPS, COCKLES, OYSTERS, OLIVES, TELLINS

Stbd Inflow, Fore MOON SNAILS, SLIPPERS, Mid BURROWING STARS,

Stbd Inflow, Aft SEA WHIP

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

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

(ALL OTHERS TO NOW = PT. PINELLAS CHANNEL)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TE	2-4	1340 / DUMP / FEEDING
TE	3-6	1802 / CHANNEL / WAKE RIDING

Observer(s) on duty K. DAHLEN & N SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 25 / OCT / 2000

Load # 90 Start 0122 End 0351 Dump 0600

Location (lat/long, stations) 27°42N 82°36 W. 008 NW to 034 NW SEAT IV Tide Stage 1.23

Weather (wind dir, beaufort, sea state, temp, etc.) WIND ~~SW~~ NE 10-25, BEAUFORT 2-3, NONBREAKING WAVES

Water Temp., Surface 75 Below Mid-Depth 75

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

Note biological samples:

Port Draghead CRAB POTS, ROCKS, ROPE Deflector ROCKS &

Stbd Draghead CABLE, REBAR, ROCKS Deflector SHELLS

Port Inflow, Fore HORSE SHOE CRABS, BRITTLE Mid STARS, STING RAY,

Port Inflow, Aft CATFISH, WELKS, CONCHS, OLIVES, TULIPS, QUAHOGS,

Stbd Inflow, Fore WORMS, MOON SNAILS, OYSTERS Mid SCALLOPS

Stbd Inflow, Aft

Port Overflow, Primary ROCKS, SHELLS, SPONGES Secondary

Stbd Overflow, Primary Secondary

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

MATERIAL: LT SAND, CRUSHED SHELLS, SILT, ROCKS
(CONSIDERABLY MORE DEBRIS: TRASH, CRAB POTS, WOOD, TIRES, ~~STEEL~~ METAL, ETC...)

SCREENING: TOPS OF BOXES OPEN DURING LOADING TO PREVENT COMPLETE CLOGGING OF PIPES

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO OBSERVATIONS		

Observer(s) on duty K. DAHLEN & N. SCHWALEN

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ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 25 / OCT / 2000

Load # 91 Start 1756 End 1904 Dump 2119

Location (lat/long, stations) 27°42N 82°36W 008TW to 034TW Tide Stage EBB

Weather (wind dir, beaufort, sea state, temp, etc.) SKIES: PCLOUDY WINDS: NNE 10-20 BEAUFORT:

Water Temp., Surface 76°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore HORSE SHOE CRABS, HERMIT CRABS Mid LIGHTNING WHELKS

Port Inflow, Aft HORSE + FIGHTING CONCHS, PEAR WHELKS, ANGEL WINGS, CLAMS QUAHOGS, SCALLOPS,

Stbd Inflow, Fore OYSTERS, ARKS, OLIVES, TRUE + BANDED Mid TULIPS, AUGERS, MUREX,

Stbd Inflow, Aft MOON SNAILS, SLIPPERS, CATFISH

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

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

LOTS OF TRASH!!

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K DAHLEN & N SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 26 / OCT / 2000

Load # 92 Start 0000 End 0147 Dump 0400

Location (lat/long, stations) 27°42N 82°36 W 008+00 to 034+00 Tide Stage 2.49

Weather (wind dir, beaufort, sea state, temp, etc.)? CLOUDY NNE 10-20 BEAUFORT 2-3

Water Temp., Surface 76°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead ROPE, REBAR-CABLE Deflector ROCKS + SHELLS

Stbd Draghead ROPE, TIRE Deflector ROCKS + SHELLS

Port Inflow, Fore / HORSE SHOE CRABS, QUAHOGS, Mid BRITTLE STARS,

Port Inflow, Aft / WELKS, CONCHS, OLIVES, TULIPS, MOON SNAILS,

Stbd Inflow, Fore / STING RAYS, CATFISH, VASE Mid SHELLS, OYSTERS,

Stbd Inflow, Aft / SCALLOPS

Port Overflow, Primary / ROCKS, SHELLS, SPONGES / Secondary

Stbd Overflow, Primary / Secondary

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

MATERIAL: SAND, ROCK, MUD, SILT, CRUSHED SHELLS

SCREENING: TOPS OF BOXES OPEN DURING LOADING TO PREVENT COMPLETE CLOGGING OF PIPES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN & N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 26 / OCT / 2000

Load # 93 Start 0704 End 0834 Dump 1100

Location (lat/long, stations) 27°42N 82°36W 008+54.63 to 295+00 Tide Stage 0.91

Weather (wind dir, beaufort, sea state, temp, etc.) WIND NE, BEAUFORT 2, LT. WAVES (NOT BREAKING) P CLOUDY Water Temp., Surface 76 Below Mid-Depth 74

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

Note biological samples:

Port Draghead ROPE, METAL Deflector ROCKS

Stbd Draghead ROPE, REBAR, STRING, POWER CORD Deflector & SHELLS

Port Inflow, Fore QUAHOGS, HORSE SHOE CRABS, STING RAYS Mid CATFISH,

Port Inflow, Aft WELKS, TULIPS, CONCHS,

Stbd Inflow, Fore OLIVES, OYSTERS, SCALLOPS. Mid

Stbd Inflow, Aft MOON SNAILS, BRITTLE STARS, CLAMS, VASE, SHELLS

Port Overflow, Primary ROCKS, SPONGES, Secondary

Stbd Overflow, Primary SHELLS Secondary

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

MATERIAL: SAND, SILT, ROCKS, CRUSHED AND WHOLE SHELLS

SCREENING: TOPS OF BOXES OPEN DURING LOADING TO PREVENT COMPLETE CLOGGING OF PIPES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO OBSERVATIONS		
" "		
" "		

Observer(s) on duty K. DAHLEN & N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 26 / OCT / 2000

Load # 94 Start 1342 End 1547 Dump 1758

Location (lat/long, stations) 27°42 N 82°36 W 008th to 034th Tide Stage FLOOD

Weather (wind dir, beaufort, sea state, temp, etc.) P. CLOUDY NE 5-12 BEAUFORT 2

Water Temp., Surface _____ Below Mid-Depth _____

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

Note biological samples:

Port Draghead ROCKS, ROPE Deflector QUAHOGS, CRUSHED SHELL,

Stbd Draghead Deflector CLAY / SILT

Port Inflow, Fore HORSE SHOE CRABS, HERMIT CRABS, Mid HORSE & FIGHTING CONCHS

Port Inflow, Aft LIGHTNING WHELKS, OLIVES, TULIPS, AUGERS, MUREX, VASE SHELLS,

Stbd Inflow, Fore COCKLES, QUAHOGS, ANGEL WING CLAMS, Mid PEN SHELLS, ARCS,

Stbd Inflow, Aft MOON SNAILS, SUPPER SHELLS, SEA WHIP, CATFISH, SEA ROBIN

Port Overflow, Primary KEY HOLE URCHINS ~~SE~~ POLYCHAETES Secondary NA

Stbd Overflow, Primary ROCK Secondary NA

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

THE? DOUBLE DECKERS. COM

JENNIFER LEE, ERIC HANK, BOB HOFFMAN NMFS

ISAIAH KILL-RUE

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TURSIOPS TRUNCATUS	2-4	1400 / CHANNEL / FEEDING

Observer(s) on duty K. DAHLEN & N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

Date: 26 / OCT / 2000

NCS

Load # 9&5 Start 2057 End 2258 Dump 0100

Location (lat/long, stations) 27°42N 82°36W 008TW to 034TW Tide Stage EBB

Weather (wind dir, beaufort, sea state, temp, etc.) MOSTLY CLOUDY NE 5-12 BEAUFORT 2

Water Temp., Surface 76°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore HORSE SHOE CRABS, HORSE ~ Mid FIGHTING CONCHS

Port Inflow, Aft LINING WHELKS, OLIVES, SKIPPERS, MOON SNAILS, AUGERS,

Stbd Inflow, Fore MUREX, TULIPS, OYSTERS, SCALLOPS, Mid QUAHOGS, COCKLES, ARCS,

Stbd Inflow, Aft CAT FISH, SEA WHIP, FLOUNDER, PEN SHELLS, STING RAYS,

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

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

LOTS O' TRASH - CHAIN, ROPE, NET, PLASTIC, CLOTH, REBAR

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Cc	1 JUV	2105 / CHANNEL - 5 YDS OFF PORT / SURFACED

Observer(s) on duty K DAHLEN & N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEERS

Project: ST. PETE ENTRANCE CHANNEL

Date: ~~26~~ 27 (NCS) / OCT / 2000

Load # 9596 (NCS) Start 0443 End 0612 Dump 0830

Location (lat/long, stations) 27°42 N 82°36 W STA 008 to 034 Tide Stage 1.50

Weather (wind dir, beaufort, sea state, temp, etc.) WIND ~~SW~~ NNE BEAUFORT 1-2, LT CHOP

Water Temp., Surface 75 Below Mid-Depth 75

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

Note biological samples:

Port Draghead ROCKS, ROPE, TIRES Deflector ROCKS & SHELLS

Stbd Draghead ROPE Deflector

Port Inflow, Fore CATFISH, FLOUNDER, HORSE Mid SHOE CRABS, STING RAYS

Port Inflow, Aft OLIVES, WELKS, CONCHS, MOON SNAILS, OYSTERS,

Stbd Inflow, Fore SCALLOPS, ARKS, VASE SHELLS Mid QUAHOGS, TULIPS,

Stbd Inflow, Aft PEN SHELLS

Port Overflow, Primary ROCKS, SHELLS, & SPONGES Secondary

Stbd Overflow, Primary Secondary

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

MATERIAL: LT. SAND, SILT, WHOLE AND CRUSHED SHELLS, ROCKS, SOME DEBRIS

SCREENING: TOPS OF BOXES OPEN DURING LOADING TO PREVENT COMPLETE CLOGGING OF PIPES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO OBSERVATIONS		
"	"	
"	"	

Observer(s) on duty K. DAHLEN & N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 27 / OCT / 2000

Load # 97 Start 1113 End 1326 Dump 1543

Location (lat/long, stations) 27°42 N 82°36 W 008 to 034 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) MOSTLY CLEAR BEAUFORT 1-2 WINDS NNE 5-12

Water Temp., Surface 76°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead ____ Deflector BURROWING STARS

Stbd Draghead Sphyrna tiburo rope, tire, crab trap Deflector QUAHOGS SHELL - ROCK

Port Inflow, Fore HORSE SHOE CRABS, HERMIT CRABS Mid ~~HORSE~~ LIGHTNING

Port Inflow, Aft WHELKS, FIGHTING + HORSE CONCHS, SLIPPERS, MOON SNAILS,

Stbd Inflow, Fore AUGERS, OLIVES, TULIPS, MUREX, Mid ARCS, OYSTERS, SCALLOPS,

Stbd Inflow, Aft COCKLES, QUAHOGS, BURROWING SEA STARS, SEA WHIP, POLYCHAETES BRITTLE STARS, KEY HOLE URCHINS, TRITON

Port Overflow, Primary ____ Secondary ____

Stbd Overflow, Primary ____ Secondary ____

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.t.	≥ 3	1050 / CHANNEL MARKER 3 / BREACHING & WAKE RIDING
T.t.	1	1155 / AT CUT / SURFACED
Tt	2-4	1430 / CHANNEL DAY MARKER # 3 / FEEDING

Observer(s) on duty K. DAHLEN + N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEERS

Project: ST. PETE ENTRANCE CHANNEL

Date: 27 / OCT / 2000

Load # 98 Start 1844 End 2023 Dump 2238

Location (lat/long, stations) 27°42N 82°36 W 008th to 034th Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) MOSTLY CLEAR BEAUFORT 2 NNE 10 15

_____ Water Temp., Surface 76°F Below Mid-Depth 75 F

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

Note biological samples:

Port Draghead } ROCK, ROPE, _____ Deflector _____

Stbd Draghead } _____ Deflector _____

Port Inflow, Fore } HORSE SHOE CRABS, HERMIT CRABS Mid HORSE & FIGHTING CONCHS

Port Inflow, Aft } LIGHTNING & PEAR WHELKS, SLIPPERS, MOON SNAILS, AUGERS, TRITONS, MUREX

Stbd Inflow, Fore } OLIVES, TULIPS, NENTREWRAPS, QUAHOGS, SCALLOPS Mid OYSTERS, ARCS, PEN SHELLS, POLYCHAETE

Stbd Inflow, Aft } ARMORED & BRITTLE STARS, SEA WHIP, SPONGE, CATFISH, FLOUNDER, SEA ROBIN

Port Overflow, Primary } _____ Secondary _____

Stbd Overflow, Primary } ROCK Secondary _____

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

_____

_____

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Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN & N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 28 / OCT / 2000

Load # 99 Start 0129 End 0327 Dump 0530

Location (lat/long, stations) 27°42N 82°36W 008tm to 034to Tide Stage 2.34

Weather (wind dir, beaufort, sea state, temp, etc.) WIND NE, BEAUFORT 1, CALM

Water Temp., Surface 75 Below Mid-Depth 75

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

Note biological samples:

Port Draghead ROPE Deflector ROCKS &

Stbd Draghead ROPE, METAL Deflector SHELLS

Port Inflow, Fore HORSE SHOE CRABS, CATFISH, Mid STING RAYS,

Port Inflow, Aft QUAHOGS, TULIPS, OLIVES, WELKS, CONCHS,

Stbd Inflow, Fore ARKS, SCALLOPS, OYSTERS, Mid VASE SHELLS,

Stbd Inflow, Aft PEN SHELLS

Port Overflow, Primary SHELLS & ROCKS Secondary

Stbd Overflow, Primary Secondary

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

MATERIAL: SAND, SILT, CRUSHED & WHOLE SHELLS, ROCKS, SOME DEBRIS.

SCREENING: TOPS OF BOXES OPEN DURING LOADING TO PREVENT COMPLETE CLOGGING OF PIPES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO OBSERVATIONS		
" "		
" "		

Observer(s) on duty K DAHLEN & N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 28 / OCT / 2000

Load # 100 Start 0839 End 1010 Dump 1234

Location (lat/long, stations) 27°42 N 82°36 W 008 to 034 Tide Stage 0.53

Weather (wind dir, beaufort, sea state, temp, etc.) WIND NW, BEAUFORT 1, CALM

Water Temp., Surface _____ Below Mid-Depth _____

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

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore / HORSE SHOE CRABS, STING RAYS Mid FLOUNDER,

Port Inflow, Aft / CATFISH, QUAHOGS, ROUND WORMS, WELKS,

Stbd Inflow, Fore / CONCHS, OYSTERS, SCALLOPS, Mid CLAMS,

Stbd Inflow, Aft / ARKS, TULIPS, OLIVES

Port Overflow, Primary / ROCKS & Secondary _____

Stbd Overflow, Primary / SHELLS Secondary _____

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

MATERIAL: SAND, SILT, ROCKS, CRUSHED AND WHOLE SHELLS, SOME DEBRIS (METAL AND OTHER TRASH.

SCREENING: TOPS OF SCREENS OPEN DURING LOADING TO PREVENT COMPLETE CLOGGING OF PIPES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. t.	22	0730 / CHANNEL @ BRIDGE / WAKE RIDING
T. t	1	0930 / CUT SITE / SURFACED
T. t.	1	0945 / END OF RUNWAY / FEEDING

Observer(s) on duty K. DAHLEN & N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 28 / OCT / 2000

Load # 101 Start 1513 End 1825 Dump 2032

Location (lat/long, stations) 82°36 W 27°42 N 008TH to 034TH Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) NW 0-5 BEAUFORT / MOSTLY CLEAR / HAZY

_____ Water Temp., Surface 76°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore HORSE SHOE CRABS, HERMIT CRABS, Mid STINGRAYS, FLOUNDER, CATFISH,

Port Inflow, Aft HORSE & FIGHTING CONCHS, LIGHTNING + PEAR WHELKS, SLIPPERS, MOON SNAIL

Stbd Inflow, Fore AUGERS, MUREX, OLIVES, TULIPS, WENTLEWRAPS, Mid TRITONS, BUBBLE SHELLS, ARCS, QUAHOG

Stbd Inflow, Aft SCALLOPS, OYSTERS, PEN SHELLS, DISC CLAMS, ANGEL WING CLAMS, BRITTLE + BURROWING STARS

SEAWHIP, SPONGE, KEYHOLE, URCHINS, SEA ROBIN, MUSSELYS

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TL	2-4	1400 / LEAVING DUMP / FEEDING

Observer(s) on duty K. DAHLEN & N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 29 ~~28~~ / OCT / 2000

Daylight Savings ENDS @ 0200

Load # 102 Start ~~2328~~ ~~0000~~ 2328 End 0211 Dump 0430

Location (lat/long, stations) 27°42N 82°36 W 008 to 034 Tide Stage 1.34

Weather (wind dir, beaufort, sea state, temp, etc.) MOSTLY CLEAR WINDS NW 0-5 BEAUFORT (

Water Temp., Surface 76°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore / Port Inflow, Aft / Stbd Inflow, Fore / Stbd Inflow, Aft: HORSE SHOE CRABS, QUAHOGS, WELKS, TULIPS, OLIVES, CONCHS, CERITHS, CATFISH, STING RAYS, CLAMS

Mid: SCALLOPS, OYSTERS, PEN SHELLS,

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

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

MATERIAL: SAND, SILT, CRUSHED AND WHOLE SHELLS, ROCKS

SCREENING: TOPS OF BOXES OPEN DURING LOADING TO PREVENT COMPLETE CLOGGING OF PIPES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO OBSERVATIONS		
" "		
" "		

Observer(s) on duty K. DAHLEN & N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 29 / OCT / 2000

Load # 103 Start 0657 End 0854 Dump ~~1200~~ 1115 (KP)

Location (lat/long, stations) 27°42N 82°36 W 008th to 034th Tide Stage 0.83

Weather (wind dir, beaufort, sea state, temp, etc.) WIND U, BEUFORT 1, CALM

Water Temp., Surface 76°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead Deflector SHELLS

Stbd Draghead Deflector SHELLS

Port Inflow, Fore FLOUNDER, STING RAYS, Mid CATFISH, CLAMS,

Port Inflow, Aft OYSTERS, SCALLOPS, ARKS, CONCHS, WEIKS,

Stbd Inflow, Fore HORSE SHOE CRABS, HERMIT Mid CRABS, QUAHOGS,

Stbd Inflow, Aft MOON SNAILS, TULIPS, OLIVES.

Port Overflow, Primary SHELLS Secondary

Stbd Overflow, Primary SHELLS Secondary

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

MATERIAL: SAND, SILT, CRUSHED AND WHOLE SHELLS, ROCKS, SOME DEBRIS.

SCREENING: TOPS OF BOXES LEFT OPEN DURING LOADING TO PREVENT COMPLETE CLOGGING OF PIPES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. t.	1	0530 / BETWEEN BRIDGE & CUT / WAKE RIDING

Observer(s) on duty K. DAHLEN AND N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 29 / OCT / 2000

Load # 104 Start 1400 End 1657 Dump MIB

Location (lat/long, stations) 27°42 N 82°36 W 008 to 034 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) P.CLOUDY / HAZY 4 AIRS BEAUFORT 1 SEAS >1'

Water Temp., Surface 76°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore HORSE SHOE CRABS, HERMIT CRABS, FLOUNDER, Mid CATFISH, SEA ROBIN, STINGRAY,

Port Inflow, Aft HORSE + FIGHTING CONCHS, LIGHTNING & PEAR WHELKS, OLIVES, AUGERS, MUREX, TRITON,

Stbd Inflow, Fore TULIPS, SLIPPERS, MOONSNAILS, QUAHOGS, SCALLOPS, Mid OYSTERS, ARCS, PEN SHELLS, TELLINS

Stbd Inflow, Aft BRITTLE STARS, SEA WHIP, KEY HOLE URCHINS, SPONGE

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

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

MATERIAL: SAND, SILT, CRUSHED AND WHOLE SHELLS, ROCKS

SCREENING: TOPS OF BOXES OPEN DURING LOADING TO PREVENT COMPLETE CLOGGING OF PIPES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TR	1	1430 / CHANNEL / FDG
TR	24	1515 / " / "

Observer(s) on duty K. DAHLEN AND N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 29 / OCT / 2000

Load # 105 Start 2215 End 0150 Dump 0500

Location (lat/long, stations) 27°42 N 82°36 W 008th to 034th Tide Stage 3.03

Weather (wind dir, beaufort, sea state, temp, etc.) MOSTLY CLEAR, LT AIRS, BFS 7 SEAS <1'

Water Temp., Surface 76°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead _____ Deflector SHELLS

Stbd Draghead _____ Deflector SHELLS

Port Inflow, Fore HORSE SHOE CRABS, HERMIT CRABS, FLOUNDER Mid CATFISH, SEA ROBIN, STINGRAY,

Port Inflow, Aft HORSE & FIGHTING CONCHS, LIGHTNING & PEAR WHELKS, OLIVES, TULIPS, AUGERS, MUREX,

Stbd Inflow, Fore TRITONS, SLIPPERS, MOON SNAILS, QUAHOGS, Mid ARCS, SCALLOPS, OYSTERS, PEN SHELLS,

Stbd Inflow, Aft TELLINS, BRITTLE + ARMORED STARS, SEA WHIP, POLYCHAETES, SPONGE, ENC. BRYOZOA

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

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

Material: SAND, SILT, ROCKS, CRUSHED AND WHOLE SHELLS.

SCREENING: TOPS OF BOXES OPEN DURING LOADING TO PREVENT COMPLETE CLOGGING

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN & N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 30 / OCT / 2000

Load # 106 Start 0733 End 1027 Dump 1234

Location (lat/long, stations) 27°42 N 82°36 W 008 to 034 Tide Stage 0.93

Weather (wind dir, beaufort, sea state, temp, etc.) SUNNY, WINDS, BEAUFORT 1, CALM

Water Temp., Surface _____ Below Mid-Depth _____

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

Note biological samples:

Port Draghead _____ Deflector SHELLS

Stbd Draghead _____ Deflector SHELLS

Port Inflow, Fore / HORSE SHOE CRABS, QUAHOGS, Mid STING RAYS, CATFISH,

Port Inflow, Aft / WELKS, CONCHS, TULIPS, OLIVES, CLAMS, SCALLOPS,

Stbd Inflow, Fore / OYSTERS, MOON SNAILS, Mid AUGERS.

Stbd Inflow, Aft

Port Overflow, Primary / ROCKS & Secondary _____

Stbd Overflow, Primary / SHELLS Secondary _____

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

MATERIAL: SAND, SILT, CRUSHED AND WHOLE SHELLS, ROCKS, SOME DEBRIS

SCREENING: TOPS OF BOXES OPEN DURING LOADING TO PREVENT COMPLETE CLOGGING OF PIPES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.t.	2	1150 / BRIDGE / SURFACED AT BOW

Observer(s) on duty K. DAHLEN & N SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 30 / OCT / 2000

Load # 107 Start 1537 End 1700 Dump 2108

Location (lat/long, stations) 27°42 N 82°36 W 008th to 034th Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) MOSTLY CLOUDY / HAZY LTAIRS BSS 1 SEAS <1'

Water Temp., Surface 76°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore HORSE SHOE CRABS, HERMIT CRABS, STONE Mid CRABS, HORSE + FIGHTING CONCHS

Port Inflow, Aft LIGHTNING + PEAR WHELKS, OLIVES, TULIPS, AUGERS, CERITHS, MUREX, TRITONS

Stbd Inflow, Fore SLIPPERS, MOON SNAILS, OYSTERS, QUAHOGS Mid ARCS, SCALLOPS, ANGEL WINGS, MUSSELS

Stbd Inflow, Aft PEN SHELLS, POLYCHAETES, BRITTLE STARS, SEA WHIPS, ENCRUSTING BRYOZOA, KEY HOLE URCHINS, DISC CLAMS, TELLINS, FLOUNDER, CATFISH, SEAROBIN, STINGRAY

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K DAHLEN + N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 31 / OCT / 2000

Load # 108 Start 0008 End 0431 Dump 0700

Location (lat/long, stations) 27°42 N 82°36 W 008TH + 034TH SECT IV Tide Stage 2.46

Weather (wind dir, beaufort, sea state, temp, etc.) PCLOUDY LT ARS BSS 1 SEAS <1'

Water Temp., Surface 76°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore HORSE SHOE CRABS, HERMIT CRABS, STONE Mid CRABS, HORSE + FIGHTING CONCHS

Port Inflow, Aft LIGHTNING + PEARWINKLES, OLIVES, TULIPS, AUGERS, CERITHS, SLIPPERS, MUREX, TRITON

Stbd Inflow, Fore SLIPPERS, MOON SNAILS, QUAHOGS, OYSTERS, SCALLOPS Mid ARCS, ANGEL WINGS, MUSSELS, DISC CLAMS

Stbd Inflow, Aft TELLINS, BRITTLE STARS, POLYCHAETES, SPONGE, SEA WHIPS, KEY HOLE URCHINS, STING RAYS, FLOUNDER, CATFISH, SEA ROBIN

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

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

MATERIAL: SAND, SILT, CRUSHED SHELLS, SHELLS, ROCKS, DEBRIS.

SCREENING: TOPS OF BOXES OPEN DURING LOADING TO PREVENT CLOGGING OF PIPES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN + N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 31 / OCT / 2000

Load # 109 Start 0953 End 1419 Dump 1640

Location (lat/long, stations) 27°42 N 82°36 W 008+00 to 034+00 Tide Stage 0.37

Weather (wind dir, beaufort, sea state, temp, etc.) MOSTLY SUNNY, WIND NW, BEAUFORT 1-2, MODERATE CHOP SEAS 1-2' Water Temp., Surface 76°F Below Mid-Depth 75°F

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead ROPE, ROCK, CRAB TRAP Deflector LIGHTNING WHELKS, QUAHOGS

Stbd Draghead ROCK Deflector BRITTLE STARS

Port Inflow, Fore HORSE SHOE CRABS, HERMIT CRABS, STONE CRABS, Mid FLOUNDER, CATFISH, SEAROBIN, STING RAY,

Port Inflow, Aft HORSE + FIGHTING CONCHS, LIGHTNING & PEAR WHELKS, SLIPPERS, MOON SNAILS, OLIVES, TULIPS,

Stbd Inflow, Fore MUREX, AUGERS, CERITHS, SCALLOPS, OYSTERS, MUSSELS, Mid, ARCS, QUAHOGS, PEN SHELLS, TELLINS

Stbd Inflow, Aft ANGEL WINGS, KEY HOLE VROHINS, BRITTLE STARS, SPONGE, SEA WHIP, POLYCHAETES

Port Overflow, Primary LUCINES, MILK CONCHS, WENTLEWRAPS, SUNRAY VENUS Secondary NA

Stbd Overflow, Primary ROCKS, LIGHTNING WHELKS Secondary NA

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.E.	1	1000/CUT/ FEEDING
C.C.	1	1020/CUT/ SURFACED FOR BREATH
TE	2-4	1400 / 200 YDS S. OF CHANNEL / FEEDING
TE	2-4	1600 / JUST OFF SEGMENT KEY / BOW RIDIN

Observer(s) on duty K. DAHLEN + N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 31 / OCT / 2000

Load # 110 Start 1942 End 2313 Dump 0230

Location (lat/long, stations) 27°42 N 82°36 W 008th to 034th Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) MOSTLY CLEAR NE 5-10 BSS 1-2 SEAS 1-2'

Water Temp., Surface 76°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead Deflector L WHELKS

Stbd Draghead Deflector MUD/QUAHOGS

Port Inflow, Fore HORSE SHOE CRABS, HELMIT CRABS, STONE CRABS Mid FLOUNDER, CATFISH, SEA ROBIN, STINGRAY

Port Inflow, Aft HORSE + FIGHTING + MILK CONCHS, LIGHTNING + PEAR WHELKS, OLIVES, TULIPS, MUREX, TRITONS

Stbd Inflow, Fore CERITHS, AUGERS, SLIPPERS, MOON SNAILS, WENTLEWRAPS Mid FROGS, SCALLOPS, QUAHOGS, COCKLES, ARKS

Stbd Inflow, Aft MUSSELS, OYSTERS, PEN SHELLS, ANGEL WINGS, LUCINES, TELLINS, DISC CLAMS, SEA NAIP, SPONGE POLYCHAETES, BRITTLE + ARMORED STARS, KEY HOLE URCHINS, SCUNRAY, VENUS

Port Overflow, Primary ROCKY L WHELKS Secondary NA

Stbd Overflow, Primary Secondary NA

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN & N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNELL

Date: 01 / NOV / 2000

Load # 111 Start 0444 End 0843 Dump 1100

Location (lat/long, stations) 27°42N 82°36W 008 to 034 Tide Stage 1.64

Weather (wind dir, beaufort, sea state, temp, etc.) CLEAR, WIND N, BEAUFORT 1, CALM

Water Temp., Surface 76°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead _____ Deflector (SHELLS)

Stbd Draghead _____ Deflector _____

Port Inflow, Fore (HORSE SHOE CRABS, CATFISH, Mid WELKS, CONCHS,

Port Inflow, Aft TULIPS, OLIVES, CLAMS, OYSTERS, SCALLOPS,

Stbd Inflow, Fore CERITHS, AUGERS, Mid QUAHOGS.

Stbd Inflow, Aft _____

Port Overflow, Primary (CATFISH, SHELLS) Secondary _____

Stbd Overflow, Primary _____ Secondary _____

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

MATERIAL: SAND, SILT, SHELLS, CRUSHED SHELL, ROCKS

SCREENING: TOPS OF BOXES OPEN DURING LOADING TO PREVENT COMPLETE CLOGGING OF PIPES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.E.	2-4	0830 / CUT / FEEDING

Observer(s) on duty K. DAHLEN AND N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 01 / NOV / 2000

Load # 112 Start 1408 End 1901 Dump 2115

Location (lat/long, stations) 27°42N 82°36W 0108 to 034 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) MOSTLY CLEAR WINDS NNE 5-10 BSS 1-2 SEAS 1-2' Water Temp., Surface 76°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead Ø Deflector Ø

Stbd Draghead Ø Deflector Ø

Port Inflow, Fore HORSE SHOE CRABS, HERMIT CRABS, STONE Mid CRABS, FLOUNDER, CATFISH, STINGRAYS

Port Inflow, Aft HORSE + FIGHTING CONCHS, LIGHTNING + PEAR WHELKS, OLIVES, TULIPS, ANGELS

Stbd Inflow, Fore MUREX, CERITHS, SLIPPERS, MOONSNAILS, Mid TELLINS, SUNRAY VENUS, OYSTERS, ARC

Stbd Inflow, Aft SCALLOPS, QUAHOGS, COCKLES, DISC CLAMS, ANGEL WINGS, LUCINES, BRITTLE STARS, KEY HOLE URCHINS, ARMORED STARS, SPONGE, SEA WHIP, SEA ROBIN, MUSSELS,

Port Overflow, Primary WENTLEWRAPS Secondary

Stbd Overflow, Primary Ø Secondary

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

SILT, SAND, CRUSHED SHELL, SHELL & ROCK

PHIL. - 215 451 5800

TAMPA - 813 228 2310

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TE	2	1500/DAY MARKER 4 / FEEDING
TE	1	1630 / " " / "

Observer(s) on duty K. DAHLEN AND N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 02 / NOV / 2000

Load # 113 Start 0016 End 0628 Dump 0830

Location (lat/long, stations) 27°42N 82°36W 008 to 0034 Tide Stage 2.00

Weather (wind dir, beaufort, sea state, temp, etc.) MOSTLY CLEAR NE 5-10 BFS 1 SEAS 1'

Water Temp., Surface 76°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore HORSE SHOE CRABS, HERMIT CRABS Mid STONE CRABS, HORSE +

Port Inflow, Aft FIGHTING CONCHS, LIGHTNING + PEAR WHELKS, OLIVES, TULIPS, AUGERS,

Stbd Inflow, Fore CERITHS, MUREX, TRITONS, QUAHOGS, ARK Mid TELLINS, SUNRAY VENUS, OYSTERS,

Stbd Inflow, Aft SCALLOPS, COCKLES, PEN SHELLS, STINGRAYS, CATFISH, SEA WHIP,

Port Overflow, Primary SHELLS, CATFISH Secondary _____

Stbd Overflow, Primary _____ Secondary _____

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

MATERIAL: SAND, SILT, CRUSHED SHELLS, SHELLS, ROCKS

SCREENING: TOPS OF BOXES OPEN DURING LOADING TO PREVENT COMPLETE CLOGGING OF PIPES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO OBSERVATIONS		

Observer(s) on duty K. DAHLEN AND N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 02 / NOV / 2000

Load # 114 Start 1133 End 1950 Dump 2205

Location (lat/long, stations) 27°42N 82°36W 008 TW to 034 TW Tide Stage 0.73

Weather (wind dir, beaufort, sea state, temp, etc.) MOSTLY SUNNY, WINDNE 5-10 BEAUFORT 1 SEAB 1' Water Temp., Surface 76°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead _____ Deflector QUAHOGS, LIGHTNING WHELKS, BRITTLE STARS, VENUS, SUNRAY VENUS

Stbd Draghead _____ Deflector

Port Inflow, Fore HORSE SHOE CRABS, HERMIT CRABS, STONE CRABS Mid STINGRAYS, FLOUNDER, CATFISH,

Port Inflow, Aft SEA ROBIN, HORSE + FIGHTING CONCHS, LIGHTNING + PEAR WHELKS, OLIVES, TULIPS, AUGERS,

Stbd Inflow, Fore CERITHS, MUREX, SLIPPERS, MOON SNAILS, ARKS, Mid QUAHOGS, SCALLOPS, MUSSELS, OYSTERS,

Stbd Inflow, Aft PEN SHELLS, TELLINS, VENUS, BRITTLE STARS, SEA WHIP, SPONGE, KEYHOLE URCHINS,

Port Overflow, Primary ROCKS, LIGHTNING WHELKS, Secondary NA

Stbd Overflow, Primary _____ Secondary NA

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TT	3-5	1200 - 1800 / CHANNEL → AIRSTRIP / FEEDING + SOCIALIZING

Observer(s) on duty K. DAHLEN AND N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 03 / NOV / 2000

Load # 115 Start 0110 End 0831 Dump 1130

Location (lat/long, stations) 27°42 N 82°36 W 008+00 to 034+00 Tide Stage 1.46

Weather (wind dir, beaufort, sea state, temp, etc.) MOSTLY SUNNY, WIND SE, BEAUFORT 1, CALM Water Temp., Surface 76°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore HORSE SHOE CRABS, HERMIT CRABS, Mid STONE CRABS, STINGRAYS,

Port Inflow, Aft FLOUNDER, CATFISH, SEAROBIN, HORSE + FIGHTING CONCHS, MILK CONCHS, AUGERS,

Stbd Inflow, Fore LIGHTNING & PEAR WHELKS, SLIPPERS, Mid CERITHS, MULEX, TRITONS, MOON

Stbd Inflow, Aft SNAILS, QUAHOGS, ARCS, SCALLOPS, OYSTERS, SUNRAY VENUS, TELLINS, PEN SHELLS, MUSSELS, VASE SHELLS, KEYHOLE URCHINS, BRITTLE STARS, SEA WHIPS

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

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

MATERIAL: SAND, SILT, CRUSHED AND WHOLE SHELLS, ROCKS, SOME DEBRIS.

SCREENING: TOPS OF BOXES OPEN DURING LOADING TO PREVENT COMPLETE CLOGGING OF PIPES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T-C.	1	0800/CUT/ FEEDING

Observer(s) on duty K. DAHLEN AND N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 03 / NOV / 2000

Load # 116 Start 1355 End 1508 Dump 1723

Location (lat/long, stations) 27°42 N 82°36 W 034+00 to 060+00 SECT V Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) MOSTLY CLEAR LT. AIRS BSS 1 SEAS < 1'

Water Temp., Surface 76°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore HORSE SHOE CRABS, ~~KI~~ ~~C~~ HORSE CONCH Mid LIGHTNING WHELKS, PEAR

Port Inflow, Aft WHELKS, FIGHTING CONCHS, SEA WHIP, QUAHOGS, COCKLES, OYSTERS

Stbd Inflow, Fore AUGERS Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

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

MATERIAL : ANOXIC SILT, SOME SAND, LOTS OF TRASH (1° METAL + PLASTIC)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TK	2	1215 / DUMP-EGMONT / FEEDING
TK	2	1400-1500 / DAY MARKER # 11 / FEEDING

Observer(s) on duty K. DAHLEN AND N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN. WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 03 / NOV / 2000

Load # 117 Start 1957 End 2123 Dump 0030

Location (lat/long, stations) 27°42 N 82°36 W 034 to 060 SECT. V Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) P.CLOUDY NE 0-8 BSS 1 SEAS <1'

Water Temp., Surface 76°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore HORSE SHOE CRABS, HORSE Mid FIGHTING CONCH, LIGHTNING

Port Inflow, Aft PEAR WHELKS, QUAHOGS, OYSTERS, POLYCHAETES

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary NA

Stbd Overflow, Primary Secondary

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN AND N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 04 / NOV / 2000

Load # 118 Start 0240 End 0419 Dump 0700

Location (lat/long, stations) 27°42 N 82°36 W Tide Stage 2.28

Weather (wind dir, beaufort, sea state, temp, etc.) WIND S, BEAUFORT-0, GLASSY

Water Temp., Surface 74°F Below Mid-Depth 74°F

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

Note biological samples:

Port Draghead _____ Deflector SHELLS

Stbd Draghead _____ Deflector SHELLS

Port Inflow, Fore HORSE SHOE CRABS, OYSTERS Mid CLAMS, WELKS,

Port Inflow, Aft CATFISH, OLIVES, QUAHOGS, CONCHS

Stbd Inflow, Fore _____ Mid _____

Stbd Inflow, Aft _____

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary NA

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

MATERIAL: SAND, SILT, CRUSHED AND WHOLE SHELLS, DEBRIS, TRASH (CANS, BOTTLES, PLASTIC, METAL, BATTERIES.

SCREENING: TOPS OF BOXES OPEN DURING LOADING TO PREVENT COMPLETE CLOGGING OF PIPES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO OBSERVATIONS		

Observer(s) on duty H. DAHLEN AND N. SCHWALEN

Observer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 04 / NOV / 2000

Load # 119 Start 0929 End 1120 Dump 1222

Location (lat/long, stations) 27°42N 82°36W STA 034~~00~~+86~~00~~ Tide Stage 1.27

Weather (wind dir, beaufort, sea state, temp, etc.) OVERCAST/HAZY LT E WIND BSS 1 SEAS<1'

Water Temp., Surface 76°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore HORSE SHOE CRABS, CATFISH, Mid HORSE + FIGHTING CONCHS,

Port Inflow, Aft LIGHTNING & PEAR WHELKS, QUAHOGS, OYSTERS, SUNRAY VENUS,

Stbd Inflow, Fore _____ Mid _____

Stbd Inflow, Aft _____

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

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

SILT, SAND, ROCK + CLAY w/some (small amt) of SHELL AND LARGE AMOUNTS OF TRASH

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.E.	4-6	ALL MORNING / CUT / FEEDING + SOCIALIZING
Tt	2	1300 / OFF MULLET KEY / FEEDING
Cc	1	1347 / DUMP / SURFACED

Observer(s) on duty K. DAHLEN AND N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEERS

Project: ST PETE ENTRANCE CHANNEL

Date: 04 / NOV / 2000

Load # 120 Start 1605 End 2118 Dump 0300

Location (lat/long, stations) 27°42 N 82°36 W 008 to 034 Tide Stage —

Weather (wind dir, beaufort, sea state, temp, etc.) CLOUDY/HAZY LT E WIND BFS 1 SEAS <1'

Water Temp., Surface 76°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore HORSE SHOE CRABS, HERMIT CRABS, MID STONE CRABS, HORSE + FIGHTING

Port Inflow, Aft CONCHS, LIGHTNING + PEAR WHELKS, OLIVES, AUGERS, CERITHS, MOON SNAILS,

Stbd Inflow, Fore SLIPPERS, WENTLETRAPS, DWARFS, SCALLOPS, Mid ARCS, PEN SHELLS, TELLINS, JUNRAY

Stbd Inflow, Aft NERITS, OYSTERS, ANGEL WINGS, KEY HOLE URCHINS, BRITTLE STARS, ARMORED STARS, ENCRUSTING BRYOZOA, STING RAYS, CATFISH, FLOUNDER,

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO OBSERVATIONS		

Observer(s) on duty K. DAHLEN AND N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 05 / NOV / 2000

Load # 121 Start 0639 End 0831 Dump 1100

Location (lat/long, stations) 27°42 N 82°36 W STA 855 to 3400 Tide Stage 2.44

Weather (wind dir, beaufort, sea state, temp, etc.) WIND-E, BEAUFORT-1, MOSTLY SUNNY, CALM

Water Temp., Surface 76°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead –

Stbd Draghead

Deflector

Deflector SHELLS

Port Inflow, Fore OLIVES, SCALLOPS, OYSTERS, Mid CATFISH.

Port Inflow, Aft HORSE SHOE CRABS, CERITHS, VENUS SHELLS,

Stbd Inflow, Fore QUAHOGS, CLAMS, WELKS, Mid CONCHS,

Stbd Inflow, Aft BRITTLE STARS.

Port Overflow, Primary Secondary

Stbd Overflow, Primary SHELLS Secondary

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

MATERIAL: MUD, SILT, ORGANIC MATTER, SAND, ROCKS, CRUSHED AND WHOLE SHELLS.

SCREENING: TOPS OF BOXES OPEN DURING LOADING TO PREVENT COMPLETE CLOGGING OF PIPES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.t.	6	ALL MORNING / CUT / FEEDING + SOCIALIZING

Observer(s) on duty K. DAHLEN AND N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 05 / NOV / 2000

Load # 122 Start 1327 End 1528 Dump 1737

Location (lat/long, stations) 27°42 N 82°36 W 034th to 060th Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) MOSTLY CLOUDY / HAZY LT E WINDS BSS 1 SEAS <1' Water Temp., Surface 75°F Below Mid-Depth 74°F

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

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore HORSE SHOE CRABS, HERMIT CRABS Mid HORSE + FIGHTING CONCHS,

Port Inflow, Aft LIGHTNING + PEAR WHELKS, OLIVES, ANGERS, CERITHS, QUAHOGS, ARCS,

Stbd Inflow, Fore OYSTERS, SEA WHIP, POLYCHAETES Mid _____

Stbd Inflow, Aft _____

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TE	2-4	1200 / BRIDGE / FEEDING

Observer(s) on duty K DAHLEN AND N SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 05 / NOV / 2000

Load # 123 Start 2019 End 2230 Dump 0100

Location (lat/long, stations) 27°42N 82°36 W SECTION I Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) PCLOUDY WINDS ENE 10-12 BSS 1-2 SEAS 1'

_____ Water Temp., Surface 75°F Below Mid-Depth 74°F

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

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore HORSE SHOE CRABS, CATFISH, HORS Mid - FIGHTING CONCHS, LIGHTNING

Port Inflow, Aft - PEAR WHELKS, OLIVES, AUGERS, VASE SHELLS, CERITHS, QUAHOGS, ARCS,

Stbd Inflow, Fore OYSTERS, STINGRAYS, SLIPPERS, MOON Mid SNAILS, SEA WHIPS,

Stbd Inflow, Aft _____

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

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

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Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN AND N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 06 / NOV / 2000

Load # 124 Start 0359 End 0609 Dump 0900

Location (lat/long, stations) 27°42 N 82°36 W SECT V Tide Stage 2.34

Weather (wind dir, beaufort, sea state, temp, etc.) MOSTLY SUNNY, WIND NE, BEAUFORT 1-2

Water Temp., Surface 75°F Below Mid-Depth 74°F

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

Note biological samples:

Port Draghead ~~N/A~~ OK Deflector

Stbd Draghead ~~N/A~~ OK Deflector SHELLS

Port Inflow, Fore HORSE SHOE CRABS, CATFISH, Mid OYSTERS,

Port Inflow, Aft SCALLOPS, WELKS, CONCHS, OLIVES, CERITHS

Stbd Inflow, Fore CLAMS, VENUS SHELLS, QUAHOGS Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary SHELLS Secondary

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

MATERIAL: SILT, MUD, ORGANIC MATTER, SAND, CRUSHED AND WHOLE SHELLS, ROCKS

SCREENING: TOPS OF BOXES OPEN DURING LOADING TO PREVENT COMPLETE CLOGGING OF PIPES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO OBSERVATIONS		

Observer(s) on duty K. DAHLEN AND N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 06 / NOV / 2000

Load # 125 Start 1057 End 1235 Dump 1450

Location (lat/long, stations) 27°42N 82°36W STA 3400 to 6000 Tide Stage 2.58

Weather (wind dir, beaufort, sea state, temp, etc.) MOSTLY CLEAR ENE 5-12 1355 / 2 SEAS

Water Temp., Surface 75°F Below Mid-Depth 74°F

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

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore HORSE SHOE CRABS, CATFISH, STING RAYS Mid QUAHOGS, ARCS, SCALLOPS,

Port Inflow, Aft OYSTERS, FIGHTING + HORSE CONCHS, LIGHTNING + PEAR WHELKS, OLIVES

Stbd Inflow, Fore AUGERS, CERITHS, SLIPPERS, MOON SNAILS Mid _____

Stbd Inflow, Aft _____

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TE	2-3	1200-1245 / CHANNEL / FEEDING

Observer(s) on duty K. DAHLEN AND N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 06 / NOV / 2000

Load # 126 Start 1742 End 1952 Dump 2130

Location (lat/long, stations) 27°42N 82°36W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) MOSTLY CLEAR ENE 5-15 BFT 1-2 SEAS 1' Water Temp., Surface 75°F Below Mid-Depth 74°F

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

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore HORSE SHOE CRABS, STING RAYS, Mid CATFISH, HORSE + FIGHTING

Port Inflow, Aft CONCHS, LIGHTNING + PEAR WHELKS, VASE SHELLS, OLIVES

Stbd Inflow, Fore AUGERS, CERITHS, SLIPPERS, MOON Mid SNAILS, QUAHOGS, ARCS,

Stbd Inflow, Aft OYSTERS

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN AND N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 07 / NOV / 2000

Load # 127 Start 0009 End 0152 Dump 0400

Location (lat/long, stations) 27°42 N 82°36 W 034 to 060 Tide Stage 2.31

Weather (wind dir, beaufort, sea state, temp, etc.) CLEAR, WIND-W, BEAUFORT-1, MOD. CHOP

Water Temp., Surface 75°F Below Mid-Depth 74°F

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

Note biological samples:

Port Draghead OK Deflector /

Stbd Draghead OK Deflector SHELLS

Port Inflow, Fore HORSE SHOE CRABS, CATFISH, Mid FLOUNDER,

Port Inflow, Aft CONCHS, WELKS, QUAHOGS, CLAMS, OYSTERS,

Stbd Inflow, Fore SCALLOPS, CERITHS, TULIPS, Mid OLIVES,

Stbd Inflow, Aft VENUS SHELLS

Port Overflow, Primary / Secondary

Stbd Overflow, Primary SHELLS Secondary

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

MATERIAL: SILT, MUD, ORGANIC MATTER, SAND, CRUSHED AND WHOLE SHELLS, ROCKS, DEBRIS, TRASH

SCREENING: TOPS OF BOXES OPEN DURING LOADING TO PREVENT COMPLETE CLOGGING OF PIPES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO OBSERVATIONS		

Observer(s) on duty K. DAHLEN AND N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 07 / NOV / 2000

Load = 128 Start 0641 End 0819 Dump 1100

Location (lat/long, stations) 27° 42N 82° 36 W STA 3400 to 6000 Tide Stage 2.27

Weather (wind dir, beaufort, sea state, temp, etc.) MOSTLY SUNNY, BEAUFORT 1-2, LIGHT CHOP Water Temp., Surface 76°F Below Mid-Depth 75°F

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

Note biological samples:

Port Draghead _____ Deflector SHELLS

Stbd Draghead _____ Deflector SHELLS

Port Inflow, Fore HORSE SHOE CRABS, CATFISH, Mid QUAHOGS, CLAMS,

Port Inflow, Aft OYSTERS, SCALLOPS, CERITHS, VENUS SHELL,

Stbd Inflow, Fore CONCHS, WELKS, AUGERS, Mid VENUS SHELLS,

Stbd Inflow, Aft OLIVES, TULIPS,

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary SHELLS Secondary _____

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

MATERIAL: SILT, SAND, MUD, ORGANIC MATTER, TRASH.

SCREENING: TOPS OF BOXES OPEN DURING LOADING TO PREVENT COMPLETE CLOGGING OF PIPES

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.E.	1	0830 / CUT / SURFACED

Observer(s) on duty K. DAHLEN AND N. SCHWALEN AND JASON SCOTT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 07 / NOV / 2000

Load # 129 Start 1257 End 1422 Dump 1616

Location (lat/long, stations) 27042N 82036W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) PCLOUDY WINDS ENE 5-10 BSS / SEAS CI

Water Temp., Surface 75°F Below Mid-Depth 74°F

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

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore HORSE SHOE CRABS, CATFISH Mid OLIVES + HORSE +

Port Inflow, Aft FIGHTING CONCHS, LIGHTNING + PEAR WHELKS, CERITHS, AUGERS,

Stbd Inflow, Fore QUAHOGS, SCALLOPS, OYSTERS, SEA WHIPS Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty KIRSTEN DAHLEN, NATHAN SCHWALEN + JASON SCOTT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 07 / NOV / 2000

Load # 130 Start 1856 End 2015 Dump 0000

Location (lat/long, stations) 27 0 42 N 82 0 36 W 034 to 060 Tide Stage 2.31

Weather (wind dir, beaufort, sea state, temp, etc.) MOSTLY CLOUDY WINDS E 5-10 BSS 1-2 SEAS 1'

Water Temp., Surface 75°F Below Mid-Depth 74°F

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

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore HORSE SHOE CRABS, CATFISH, STINGRAYS Mid HORSE + FIGHTING CONCHS

Port Inflow, Aft LIGHTNING + PEAR WHELKS, OLIVES, CERITHS, AUGERS, VASE SHELLS, SCALLOPS, OYSTERS,

Stbd Inflow, Fore QUAHOGS, SEA WHIPS, BRYOZOA, Mid BONNET HEAD SHARK.

Stbd Inflow, Aft _____

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty KIRSTEN DAHLEN, NATHAN SCHWALEN AND JASON SCOTT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 08 / NOV / 2000

Load # 131 Start 0139 End 0321 Dump 0600

Location (lat/long, stations) 27°42 N 82°36 W 034th to 060th Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) PARTLY CLOUDY, WIND-NE, BEAUFORT 1-2,

Water Temp., Surface 75°F Below Mid-Depth 74°F

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

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore HORSE SHOE CRABS, QUAHOGS, Mid SCALLOPS, CLAMS,

Port Inflow, Aft OYSTERS, STING RAYS, CATFISH, VENUS SHELLS,

Stbd Inflow, Fore OLIVES, TULIPS, CONCHS, Mid WELKS.

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

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

MATERIAL: SILT, MUD, ORGANIC MATTER, SAND, CRUSHED AND WHOLE SHELLS, DEBRIS.

SCREENING: TOPS OF BOXES OPEN DURING LOADING TO PREVENT COMPLETE CLOGGING OF PIPES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO OBSERVATIONS		

Observer(s) on duty KIRSTEN DAHLEN, NATHAN SCHWALEN AND JASON SCOTT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 08 / NOV / 2000

Load # 132 Start 0810 End 1009 Dump 1212

Location (lat/long, stations) 27°42 N 82°36 W 034 to 060 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) MOSTLY CLOUDY WINDS BSS 1 SEAS <1

Water Temp., Surface 75°F Below Mid-Depth 74°F

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

Note biological samples:

Port Draghead ok Deflector ok

Stbd Draghead ok Deflector ok

Port Inflow, Fore HORSE SHOE CRABS, HERMIT CRABS, Mid CATFISH, STINGRAY, SEA WHIP,

Port Inflow, Aft BRYOZOA, HORSE + FIGHTING CONCHS, LIGHTNING + PEAR WHELKS,

Stbd Inflow, Fore OLIVES, TULIPS, AUGERS, CERITHS, VASE Mid SHELLS, SKIPPERS, MOON

Stbd Inflow, Aft SNAILS, QUAHOGS, SCALLOPS, TELLINS, SUNRAY VENUS, & OYSTERS,

Port Overflow, Primary Ok Secondary

Stbd Overflow, Primary ok Secondary NA

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

MATERIAL: SILT, SAND, CLAY, ROCK, SHELL LOTS OF TRASH (PLASTIC, CANS, CLOTH, SHOES, TIRES, CRAB TRAPS, SCRAP METAL, FIBERGLASS)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TURSIOPS TRUNCATUS	2-4	0800/CHANNEL/FEEDING
TE	4-8	1300/EGMONT KEY / FEEDING

Observer(s) on duty KIRSTEN DAHLEN, NATHAN SCHWALEN AND JASON SCOTT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 08 / NOV / 2000

Load # 133 Start 1500 End 16:40 Dump 1900

Location (lat/long, stations) 27°42 N 82°36 W 034 to + 060 to Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) PCLOUDY WINDS BSS / SEAS <1'

Water Temp., Surface 75°F Below Mid-Depth 74°F

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

Note biological samples:

Port Draghead Ø Deflector Ø

Stbd Draghead Deflector

Port Inflow, Fore HORSE SHOE CRABS, CATFISH, STINGRAYS, Mid POLYCHAETES, BRYOZOA, SEA WHIP,

Port Inflow, Aft HOSE + FIGHTING CONCHS, LIGHTNING + PEAR WHELKS, OLIVES, TULIPS, AUGERS,

Stbd Inflow, Fore CERITHS, SLIPPERS, MOON SNAILS, TELLINS, Mid SUNRAY VENUS, QUAHOGS, ARCS,

Stbd Inflow, Aft SCALLOPS, OYSTERS,

Port Overflow, Primary Ø Secondary NA

Stbd Overflow, Primary Secondary

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

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TC	2	1550 / DAY MARKER #10 / FEEDING

Observer(s) on duty KIRSTEN DAHLEN, NATHAN SCHWALEN & JASON SCOTT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 09 / NOV / 2000

Load # 134 Start 2112 End 2312 Dump 0145

Location (lat/long, stations) 27°42 N 82°36 W 034 to 060 Tide Stage 2.53

Weather (wind dir, beaufort, sea state, temp, etc.) PARTLY CLOUDY, WIND SW, BEAUFORT 1-2

Water Temp., Surface 74°F Below Mid-Depth 74°F

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

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead OK Deflector SHELLS

Port Inflow, Fore HORSE SHOE CRABS, STING RAY, Mid CATFISH,

Port Inflow, Aft QUAHOGS, CLAMS, OYSTERS, SCALLOPS, OLIVES,

Stbd Inflow, Fore AUGERS, VENUS SHELLS, CONCHS, Mid WELKS,

Stbd Inflow, Aft TULIPS, CERITHS.

Port Overflow, Primary _____ Secondary NA

Stbd Overflow, Primary OK Secondary _____

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

MATERIAL: SAND, SILT, MUD, ORGANIC MATTER, CRUSHED AND WHOLE SHELLS, LESS DEBRIS & TRASH THAN AT THE START OF THIS SECTION.

SCREENING: TOPS OF BOXES OPEN DURING LOADING TO PREVENT COMPLETE CLOGGING OF PIPES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO OBSERVATIONS.		

Observer(s) on duty KIRSTEN DAHLEN, NATHAN SCHWALEN, JASON SCOTT AND HEATHER PAIGE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 09 / NOV / 2000

Load # 135 Start 0411 End 0559 Dump 08:15

Location (lat/long, stations) 27°42N 82°36W 034 to 060 Tide Stage 1.58

Weather (wind dir, beaufort, sea state, temp, etc.) P cloudy, Wind SW, Beaufort 1-2

Water Temp., Surface 74°F Below Mid-Depth 74°F

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

Note biological samples:

Port Draghead OK Deflector

Stbd Draghead OK Deflector

Port Inflow, Fore Horseshoe Crab, Quahogs, Clams, Oysters Mid

Port Inflow, Aft Olives, Scallops, Augers, Venus shells, Conchs

Stbd Inflow, Fore Welks, Tulips Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary OK Secondary

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

Material: Sand, silt mud, Organic matter, crushed and whole shells. Little amount of trash.

Screening: Tops of Boxes open During loading to prevent complete clogging of pipes

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty Nathan Schwalen, Heather Paige, Jason Scott

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: R N WEEKS

Project: St Pete Entrance Channel

Date: 09 / Nov / 2000

Load # 136 Start 1033 End 13:23 Dump 1530

Location (lat/long, stations) 27° 42 N 82° 36 W 034 to 060 Tide Stage 2.90

Weather (wind dir, beaufort, sea state, temp, etc.) SW wind, Beaufort 1, non-breaking waves

Water Temp., Surface 75°F Below Mid-Depth 74°F

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

Note biological samples:

Port Draghead ok Catfish, Horseshoe crabs, conchs, clams Deflector

Stbd Draghead oysters, venus shells, walks Deflector

Port Inflow, Fore 3 HS CRABS Mid

Port Inflow, Aft

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow, Primary OK Secondary

Stbd Overflow, Primary OK Secondary

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

Material: Sand, silt, mud, crushed + whole shells, and less Debris than at start of section

Screening: Tops of Bars open during loading to prevent clogging of pipes

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty Heather Paige, Jason Scott

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 09 / NOV / 2000

Load # 137 Start 1810 End 2018 Dump 2300

Location (lat/long, stations) 27° 42N 82°36W STA 034 to 060 Tide Stage 3.41

Weather (wind dir, beaufort, sea state, temp, etc.) PARTLY CLOUDY, WIND VE, BSS 1-2

Water Temp., Surface 75°F Below Mid-Depth 74°F

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

Note biological samples:

Port Draghead OK Deflector OK

Stbd Draghead OK Deflector OK

Port Inflow, Fore / Port Inflow, Aft / Stbd Inflow, Fore / Stbd Inflow, Aft: HORSE SHOE CRABS, CATFISH, CONCHS, SCALLOPS, VENUS SHELLS, OLIVES, QUAHOGS, CLAMS, AUGERS

Mid: WELKS, OYSTERS.

Mid

Port Overflow, Primary OK Secondary NA

Stbd Overflow, Primary OK Secondary

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

MATERIAL: SAND, SILT, MUD, ORGANIC MATTER, ROCKS, CRUSHED AND WHOLE SHELLS, DEBRIS.

SCREENING: TOPS OF BOXES OPEN DURING LOADING TO PREVENT COMPLETE CLOGGING OF PIPES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO OBSERVATIONS		

Observer(s) on duty

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 10 / NOV / 2000

Load # 138 Start 0057 End 0237 Dump 0500

Location (lat/long, stations) 27°42N 82°36W STO 034 to 060 Tide Stage 2.52

Weather (wind dir, beaufort, sea state, temp, etc.) CLOUDY/LIGHT, INTERMITENT RAIN, WIND NE, BSS 2-3 Water Temp., Surface 75°F Below Mid-Depth 74°F

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

Note biological samples:

Port Draghead OK Deflector

Stbd Draghead OK Deflector (SHELLS)

Port Inflow, Fore CATFISH, STING, RAYS, HORSE Mid SHOE CRABS,

Port Inflow, Aft QUAHOGS, MOON SNAILS, AUGERS,

Stbd Inflow, Fore VENUS SHELLS, WELKS, Mid OYSTERS,

Stbd Inflow, Aft OLIVES, CONCHS,

Port Overflow, Primary OK Secondary NA

Stbd Overflow, Primary OK Secondary NA

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

MATERIAL: SAND, SILT, MUD, ORGANIC MATTER, CLAY, CRUSHED & WHOLE SHELLS, ROCK, DEBRIS.

SCREENING: TOPS OF BOXES OPEN DURING LOADING TO PREVENT CLOGGING OF PIPES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO OBSERVATIONS		

Observer(s) on duty

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 10 / NOV / 2000

Load # 139 Start 0727 End 0949 Dump 1203

Location (lat/long, stations) 27°42'N 82°.36 W Tide Stage 1.33

Weather (wind dir, beaufort, sea state, temp, etc.) mostly Cloudy, rained 1 hour prior, Beaufort 1

Water Temp., Surface 75°F Below Mid-Depth 74°F

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

Note biological samples:

Port Draghead CRAB TRAP Deflector OK

Stbd Draghead Ø Deflector OK

Port Inflow, Fore } HS CRABS, WHELKS, CLAMS Mid

Port Inflow, Aft } OLIVES, CATFISH, AUGERS TULIP

Stbd Inflow, Fore } Mid

Stbd Inflow, Aft

Port Overflow, Primary Ø Secondary

Stbd Overflow, Primary Ø Secondary

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

Material: Silt, Sand,

Screening: Tops left open to prevent clogging.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	2	0745 w/in 10Ft of Dredge
Tt	3	0910

Observer(s) on duty HEATHER PAIGE, JASON SCOTT, AND NATHAN SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: R N Weeks

Project: St Petersburg Entrance Channel

Date: 10 / Nov / 2000

d # 140 Start 14:47 End 1712 Dump 1930

ation (lat/long, stations) 27° 42' N 82° 36' W Tide Stage 2.46

ather (wind dir, beaufort, sea state, temp, etc.) NW wind, Beaufort 1

Water Temp., Surface 75°F Below Mid-Depth 74°F

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

e biological samples:

t Draghead OK Deflector

d Draghead OK Deflector SHELLS

t Inflow, Fore HORSE SHOE CRABS, WELKS, Mid CONCHS,

t Inflow, Aft OYSTERS, OLIVES, SCALLOPS, VENUS

d Inflow, Fore SHELLS, AUGERS, CATFISH, Mid QUAHOGS

d Inflow, Aft

rt Overflow, Primary OK Secondary NA

d Overflow, Primary OK Secondary NA

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

Material: Silt, Sand, Mud

Screening: Left open tops of screen boxes to prevent clogging of pipes.

Bridge Watch Summary

pecies	# of Animals	Time / Location / Comments
MANATEE	1	1510 27° 45' 54 N 82° 37' 73 W 60 YDS OFF BOW FORE QUARTER - DREDGE BACKED DOWN OUT OF AREA - NO HARM
ald Eagle	1	

)bserver(s) on duty

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN VEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 10 / NOV / 2000

d # 141 Start 2147 End 2347 Dump 0200

ation (lat/long, stations) 27°42N 82°36 W STA 034 to 060 Tide Stage 2.31

ther (wind dir, beaufort, sea state, temp, etc.) WIND NW, BSS 1-2, PARTLY CLOUDY SKIES Water Temp., Surface 75°F Below Mid-Depth 74°F

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

e biological samples:

t Draghead OK Deflector

d Draghead OK Deflector } SHELLS

t Inflow, Fore } QUAHOGS, CLAMS, OYSTERS, Mid SCALLOPS,

t Inflow, Aft } ARKS, WELKS, CONCHS, VENUS SHELLS,

d Inflow, Fore } BAITFISH, HORSE SHOE Mid CRABS,

d Inflow, Aft } OLIVES, TULIPS

rt Overflow, Primary OK Secondary NA

d Overflow, Primary OK Secondary NA

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

MATERIAL: SAND, SILT, MUD, CLAY, ROCKS, DEBRIS

SCREENING: TOPS OF BOXES REMAIN OPEN DURING LOADING TO PREVENT COMPLETE CLOGGING OF PIPES

Bridge Watch Summary

pecies	# of Animals	Time / Location / Comments
NO OBSERVATIONS		

Observer(s) on duty NATHAN SCHUALEN, JASON, SCOTT, AND HEATHER PAIGE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

Date: 11 / NOV / 2000

d # 142 Start 0435 End 0639 Dump 0832

ation (lat/long, stations) 27°42 N 82°36 W Tide Stage +.56

ather (wind dir, beaufort, sea state, temp, etc.) NE 5-10KTS, 1-2' SEAS

Water Temp., Surface 75° Below Mid-Depth 74°

: there incidents involving endangered or protected species? YES NO

e biological samples:

t Draghead Ø Deflector OK

d Draghead TIRE Deflector OK

t Inflow, Fore HS CRABS, WHELKS, CLAMS Mid

t Inflow, Aft OLIVES,

d Inflow, Fore Mid

d Inflow, Aft

t Overflow, Primary Ø Secondary

d Overflow, Primary Secondary

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

MUD SAND SILT & A FEW ROCKS

Bridge Watch Summary

pecies	# of Animals	Time / Location / Comments

Observer(s) on duty NATHAN, HEATHER

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE

Date: 11/11/00

Load # 143 Times: Start 1113 End 1204 Dump 1410

Location(lat/long) 27°45 N 82°37 W Tide

Weather NE 10-20 KTS, 3-4' SEAS

H_2O Surf.Temp____ Time____ Below Mid-Depth 75° Time 74° C or (F) (circle one)

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

Port Draghead: Ø Deflector: OK

Stbd Draghead: Ø Deflector: OK

Port Discharge, Fore:

Port Discharge, Aft: WHELKS, CLAMS, CONCH,

Stbd Discharge, Fore: HS CRABS, OLIVES

Stbd Discharge, Aft:

Port Skimmer:

Stbd Skimmer:

Comments:

SOME ROCKS

SAND SILT MUD

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments

Observer(s) On Duty: HEATHER

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE Entrance Channel

Date: 11 / 11 / 00

d # 144 Start 1642 End 1833 Dump 2044

ation (lat/long, stations) 27°45 82°37 Tide Stage

ther (wind dir, beaufort, sea state, temp, etc.) NE, 10-20KTS, 1-3' SEAS

Water Temp: Surface 75 Below Mid-Depth 74

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

e biological samples:

: Draghead OK Deflector OK

d Draghead " Deflector "

t Inflow, Fore } Assorted shells, horseshoe Crab, Large Puffer Fish Mid

t Inflow, Aft

d Inflow, Fore Mid

d Inflow, Aft

n Overflow, Primary OK Secondary OK

d Overflow, Primary " Secondary "

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

Material: Sand, silt, mud; Broken-up shells, rocks, trash (cans, old fire extinguisher)

Screening: Box lid left open to prevent clogging

Bridge Watch Summary

pecies	# of Animals	Time / Location / Comments
TT	2	1707
T-MANATUS	1	1712 By BOUY TENDER AT DOCK

Observer(s) on duty Heather, Jay Scott

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: R N WEEKS

Project: St Pete entrance Channel

Date: 11/12/00

Load # 145 Times: Start 2340 End 0125 Dump 0334

Location(lat/long) 27° 45' N 82° 37' Tide 203

Weather wind NE 10-20 mph, Beaufort 2, mostly Clear

H_2O Surf.Temp 75 Time _____ Below Mid-Depth 74 Time _____ C or (F) (circle one)

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

Port Draghead: OK Deflector: _____

Stbd Draghead: " Deflector: _____

Port Discharge, Fore: } assorted small shells, conchs, and whelks, Horseshoe Crabs

Port Discharge, Aft: }

Stbd Discharge, Fore: }

Stbd Discharge, Aft: }

Port Skimmer: OK

Stbd Skimmer: "

Comments:

Material: Sand silt and Mud

Trash: fish line, Cans, Plastic Bags

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: R N Weeks

Project: St Pete Entrance Channel

Date: 12 / Nov / 2000

d # 146 Start 0654 End 0841 Dump 1053

ation (lat/long, stations) 27° 45' N 82° 37' W Tide Stage

ather (wind dir, beaufort, sea state, temp, etc.) NE 5-10KTS, 1-2' seas

Water Temp., Surface 75° Below Mid-Depth 74°

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

e biological samples:

t Draghead Ø Deflector OK

d Draghead Ø Deflector OK

t Inflow, Fore Mid

t Inflow, Aft HS CRABS CONCH, WHELK, MOONSNAILS

d Inflow, Fore CLAMS Mid

d Inflow, Aft

rt Overflow, Primary Ø Secondary

d Overflow, Primary Ø Secondary

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

Material: MUD & SANDY SILT

Bridge Watch Summary

pecies	# of Animals	Time / Location / Comments
Tt	1	0830

Observer(s) on duty

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE

Date: 12/1/00

Load # 147 Times: Start 1330 End 1530 Dump 1736

Location(lat/long) 27° 45 N 82° 37 W Tide FLOOD

Weather NE 5-10KTS, 1-2' SEAS

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

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

Port Draghead: Ø Deflector: OK

Stbd Draghead: Ø Deflector: OK

Port Discharge, Fore:

Port Discharge, Aft: WHELKS, CONCHS, CLAMS, HS CRABS

Stbd Discharge, Fore: CATFISH

Stbd Discharge, Aft:

Port Skimmer:

Stbd Skimmer:

Comments:

SAND SILT MUD

FEW ROCKS

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
TT	2	1430	BOW RIDING
TT	2	1410	AT DIG

Observer(s) On Duty: [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: R N WEEKS

Project: St Pete Entrance

Date: 12 / Nov / 00

d # 148 Start 2020 End 2244 Dump 0035

ation (lat/long, stations) 27° 45'N 82° 37'W Tide Stage 2.49

ther (wind dir, beaufort, sea state, temp, etc.) Little wind Beaufort 1

Water Temp., Surface 75 Below Mid-Depth 74

there incidents involving endangered or protected species? YES NO

e biological samples:

t Draghead OK Deflector OK

d Draghead " Deflector "

t Inflow, Fore Mid

t Inflow, Aft HS Crab, Catfish, Quahog, olives

d Inflow, Fore Conchs, Welks Mid

d Inflow, Aft

rt Overflow, Primary OK Secondary OK

d Overflow, Primary " Secondary "

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

Material: Silt Sand Mud
some rock material

Bridge Watch Summary

pecies	# of Animals	Time / Location / Comments

)bserver(s) on duty J Ason

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: R N Weeks

Project: St Pete entrance

Date: 13 / Nov / 00

Load # 149 Times: Start 0427 End 06:35 Dump 08:40

Location(lat/long) 27°45'N 82°37'W Tide 1.52

Weather P. Cloudy, light wind Beaufort 1-2

H_2O Surf.Temp 75 Time _____ Below Mid-Depth 74 Time _____ C or (F) (circle one)

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

Port Draghead: ok Deflector: ok

Stbd Draghead: " Deflector: "

Port Discharge, Fore: } Horseshoe Crab, Clams, Welks, Conchs, Olives, Moon snail

Port Discharge, Aft: }

Stbd Discharge, Fore: } Cat Fish, Quahog

Stbd Discharge, Aft:

Port Skimmer: ok

Stbd Skimmer: "

Comments:

Material: Sand, Silt, Mud, Rocks, lots of trash.

very Stinky

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments

Observer(s) On Duty: JBon

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: R N Weeks

Project: St Pete Entrance

Date: 13 / Nov / 00

l # 150 Start 2015 End 2235 Dump 0104

ition (lat/long, stations) 27° 45' N 82 37' W Tide Stage 3.47

ther (wind dir, beaufort, sea state, temp, etc.) P. Cloudy, light wind calm seas

Water Temp., Surface Below Mid-Depth

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

e biological samples:

: Draghead OK Deflector ok

d Draghead " Deflector "

t Inflow, Fore Mid

t Inflow, Aft Horsecrabs, Catfish, Clams, Quahogs

d Inflow, Fore Olives, Conchs, Welks Mid

d Inflow, Aft

rt Overflow, Primary OK Secondary OK

d Overflow, Primary " Secondary "

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

Material: silt, sand, Mud, trash, rocks

~ very stinky

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty JASON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: R N Weeks

Project: St. Pete Entrance

Date: 14 / Nov / 00

l # 151 Start 0353 End 0612 Dump

ation (lat/long, stations) 27° 45' N 82° 37' W Tide Stage

ther (wind dir, beaufort, sea state, temp, etc.) P. Cloudy, light winds Calm seas

Water Temp., Surface 75°F Below Mid-Depth 74°F

there incidents involving endangered or protected species? YES NO

e biological samples:

t Draghead OK Deflector OK

d Draghead " Deflector "

t Inflow, Fore Mid

t Inflow, Aft HS Crabs, Catfish, Clams, whelks, Conchs, Olives

d Inflow, Fore sea whip Mid

d Inflow, Aft

rt Overflow, Primary OK Secondary OK

bd Overflow, Primary " Secondary "

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

Material: Sand silt mud trash, rocks

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty Susan

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE

Date: 11/14/00

Load # 152 Times: Start 1103 End 1329 Dump

Location(lat/long) 27° 45' N 82° 37' W Tide FLOOD

Weather S: 5-10 KTS, 2-3' SEAS PTLY CLOUDY

H_2O Surf.Temp 74° Time 1130 Below Mid-Depth 74° Time 1135 C or (F) (circle one)

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

Port Draghead: Ø Deflector: OK

Stbd Draghead: Deflector: OK

Port Discharge, Fore:

Port Discharge, Aft: CATFISH, HS CRABS, WHOLKS, CONCHS

Stbd Discharge, Fore: CLAMS, OYSTER,

Stbd Discharge, Aft:

Port Skimmer: Ø

Stbd Skimmer:

Comments:

SAND SILT MUD

VERY FEW ROCKS

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
TT	1	1150	TURNING BASIN
TT	1	1205	" "
TT	1	1600	AT PUMP OUT

Observer(s) On Duty: HP

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE Entrance 8

Date: 11 / 14 / 00

Load # 153 Times: Start 1836 End 2109 Dump 2339

Location(lat/long) 27° 45' N 82° 37' W Tide 1.81

Weather N 10-20 KTS, OVERCAST, 2-3' SEAS

H_2O Surf.Temp 74° Time _____ Below Mid-Depth 74 Time _____ C or (F) (circle one)

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

Port Draghead: OK Deflector: OK

Stbd Draghead: " Deflector: "

Port Discharge, Fore: }

Port Discharge, Aft: } HS Crab, Conchs, Welks, Olives, sea Whip

Stbd Discharge, Fore: } Clams, Quahogs

Stbd Discharge, Aft: }

Port Skimmer: OK

Stbd Skimmer: "

Comments:

Material: Silt, Sand, Mud, trash, rocks

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: R N Weeks

Project: St Pete Entrance

Date: 15 / Nov / 00

d # 154 Start 0247 End 0510 Dump 0706

ation (lat/long, stations) 27°45'N 82°37'W Tide Stage 1.61

ather (wind dir, beaufort, sea state, temp, etc.) Light wind, Beaufort 1-2 1-3' waves

Water Temp., Surface 74 Below Mid-Depth 74

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

:e biological samples:

t Draghead OK Deflector OK

d Draghead " Deflector "

t Inflow, Fore Mid

rt Inflow, Aft HS Crab, Olives, oysters, conchs, Welks, moonshail

bd Inflow, Fore Quahogs Mid

bd Inflow, Aft

rt Overflow, Primary OK Secondary OK

bd Overflow, Primary " Secondary "

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

Material: silt, sand, mud, Rock, trash

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	5-7	At Belmont 0745

Observer(s) on duty JASON

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE

Date: 11/15/00

Load # 155 Times: Start 1006 End 1210 Dump 1433

Location(lat/long) 27°45' 60"N 82° 36' 91"W SEC. 11 Tide EBB

Weather CLEAR (ABSOLUTELY), N 5-10 KTS, 2-3' SEAS

H_2O Surf. Temp 71° Time 1030 Below Mid-Depth 71° Time 1035 C or F (circle one)

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

Port Draghead: Deflector: OK

Stbd Draghead: Deflector: OK

Port Discharge, Fore:

Port Discharge, Aft: HS CRABS, WHELK, CONCH, OLIVES

Stbd Discharge, Fore: CLAMS, OYSTERS

Stbd Discharge, Aft:

Port Skimmer:

Stbd Skimmer:

Comments:

SAND DIGGING IN SEC. 11 NOW W/ THIS LOAD

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
TT	5-7	1505	AT EGMONT
TT	5-7	1600	JUMPING OUT OF WATER!

Observer(s) On Duty: [signature]

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE

Date: 10/16/00

Load # 1560 Times: Start 1816 End 2027 Dump

Location(lat/long) SEE 11 Tide 1.55

Weather MOSTLY CLEAR, N 5-10 KTS, 1-2' seas

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

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

Port Draghead: OK Deflector: OK

Stbd Draghead: " Deflector: "

Port Discharge, Fore: } Sting Rays, unknown fish sp., HS Crab, Quahogs, Conchs, whelks,

Port Discharge, Aft: } Cockles, Clams, Olives, moonshells, seawhip, stone Crab

Stbd Discharge, Fore: } Starfish

Stbd Discharge, Aft:

Port Skimmer: OK

Stbd Skimmer: "

Comments: Material: Sand some rocks

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments

Observer(s) On Duty: _____

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: RN Weeks

Project: St Pete entrance Channel

Date: 16 /Nov/ 00

Load # 157 Times: Start 0150 End 0345 Dump 0607

Location(lat/long) Section 11 ~~little wind~~ Tide 2.62

Weather Mostly clear, little wind, Beaufort 1

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

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

Port Draghead: Ø Deflector: Ø

Stbd Draghead: Ø Deflector: Ø

Port Discharge, Fore:

Port Discharge, Aft: Sting Ray, starfish, small fish, Conchs, Welks,

Stbd Discharge, Fore: H.S Crabs, hermit Crab, Clams, Cockles, olives

Stbd Discharge, Aft:

Port Skimmer:

Stbd Skimmer: Ø

Comments:

Material: Sand, trash

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: R N Weeks

Project: St Pete Entrance

Date: 10/11/00

Load # 158 Times: Start 0926 End 1142 Dump 1419

Location(lat/long) Section 11 Tide

Weather CLEAR, SW 5-10 KTS, 1-2' SEAS

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

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

Port Draghead: Ø Deflector: OK

Stbd Draghead: Ø Deflector: OK

Port Discharge, Fore:

Port Discharge, Aft: 2 STINGRAYS, CATFISH, WHELKS, CONCHS,

Stbd Discharge, Fore: OLIVES, CLAMS, OYSTER, DRILL, STAR FISH

Stbd Discharge, Aft: cockles, Hermit CRABS, HS CRABS

Port Skimmer:

Stbd Skimmer: Ø

Comments:

SAND

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
TT	~~[illegible]~~ 4-5	1015	
TT	~~[illegible]~~ 4-5	1030	
TT	In area ALL DAY & en route to Dump		

Observer(s) On Duty: [illegible]

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: RH WEEKS

Project: ST PETE

Date: 11/16/00

Load # 159 Times: Start 1752 End 1930 Dump 2151

Location(lat/long): SEC. 11 Tide:

Weather CLEAR, SW 5-10 KTS, SEAS 1-2'

H_2O Surf.Temp 73° Time _____ Below Mid-Depth 73° Time _____ C or (F) (circle one)

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

Port Draghead: Ø Deflector: Ø

Stbd Draghead: Ø Deflector: Ø

Port Discharge, Fore:

Port Discharge, Aft: } Catfish, HS Crab, Sea worms, Clams, Conchs, cockles,

Stbd Discharge, Fore: } Olives, Augers, moon snails, Quahogs, Welks

Stbd Discharge, Aft:

Port Skimmer: Ø

Stbd Skimmer: Ø

Comments:

Material: Sand Trash: rope & Metal mostly

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments

Observer(s) On Duty: _____

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: R.N WEEKS

Project: St Pete Entrance Channel

Date: [illegible] / Nov / 00

Load # 160 [illegible] Times: Start 0101 End 0315 Dump _____

Location(lat/long) Section 11 Tide 2.70

Weather Mostly Clear, calm, no Wind

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

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

Port Draghead: Ø Deflector: Ø

Stbd Draghead: Deflector:

Port Discharge, Fore: } Sting Ray, Catfish, Hermit Crab, HS Crab, sm. fish

Port Discharge, Aft: } Clams, Oysters, Conchs, cockles, welks, Olives, moonsnails

Stbd Discharge, Fore: }

Stbd Discharge, Aft:

Port Skimmer: Ø

Stbd Skimmer:

Comments:

Material: SAND

Trash - lots of metal

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments

Observer(s) On Duty: _____

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE

Date: 11/17/00

Load # 161 Times: Start 0759 End 1109 Dump 1328

Location(lat/long) SOR 11 Tide

Weather MOSTLY CLEAR, SE 5-10 KTS SEAS 1-2'

H_2O Surf.Temp 71° Time 1000 Below Mid-Depth 71° Time 1005 C or (F) (circle one)

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

Port Draghead: Ø Deflector: OK

Stbd Draghead: Ø Deflector: OK

Port Discharge, Fore:

Port Discharge, Aft: STINGRAY, WHELKS, COCKLES, CONCHS,

Stbd Discharge, Fore: CRABS, HERMIT CRABS, HS CRABS

Stbd Discharge, Aft:

Port Skimmer: Ø

Stbd Skimmer: Ø

Comments:

SAND

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
Tt	2-3	0930	AT DIG SITE
Tt	4-5	1405	EGMONT

Observer(s) On Duty: [signature]

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: RW Weeks

Project: St Pete

Date: 11/17/00

Load # 162 Times: Start 1627 End 19:02 Dump 21:24

Location(lat/long) Sec. 11 Tide 1.89

Weather RAIN/OVERCAST, NE 7-12 KTS, SEAS 1-2'

H_2O Surf.Temp 71° Time _____ Below Mid-Depth 71° Time _____ C or (F) (circle one)

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

Port Draghead: Ø Deflector: Ø

Stbd Draghead: Deflector:

Port Discharge, Fore:

Port Discharge, Aft: } HS Crab, Hermit Crab, Clams, Oysters, Olives,

Stbd Discharge, Fore: } Conchs, Whelks, Cockles, Sea Worm

Stbd Discharge, Aft:

Port Skimmer: Ø

Stbd Skimmer:

Comments:

Material: Sand

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments

Observer(s) On Duty: Jason Scott

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: R N Weeks

Project: St Pete Entrance Channel

Date: 18 Nov 00

Load # 163 Times: Start 0042 End 0315 Dump 0542

Location(lat/long) Section 11 Tide 2.19

Weather Strong wind NW, Beaufort 2, mostly Cloudy

H_2O Surf.Temp 71 Time ____ Below Mid-Depth 71 Time ____ C or (F) (circle one)

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

Port Draghead: Ø Deflector: Ø

Stbd Draghead: Deflector: Ø

Port Discharge, Fore: ← Pelvic Bone, old, lg.

Port Discharge, Aft: HS Crab, Sting Ray, Catfish, Clams, Oysters, Olives,

Stbd Discharge, Fore: moonsnails, Cockles, conchs, whelks, seaworm

Stbd Discharge, Aft:

Port Skimmer:

Stbd Skimmer: Ø

Comments: SAND

found Pelvic bone of large animal, likely mammal but I'm not certain.

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments

Observer(s) On Duty: Jason Scott

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: RN Weeks

Project: St Pete Entrance

Date: 18 Nov 2010

Load # 164 Times: Start 0905 End 1140 Dump 1356

Location(lat/long) Section 11 Tide

Weather PARTLY CLOUDY, NE 0-5 KTS, SEAS 1-2'

H_2O Surf.Temp 71° Time 1100 Below Mid-Depth 71° Time 1105 C or (F) (circle one)

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

Port Draghead: Ø Deflector: OK

Stbd Draghead: Ø Deflector: OK

Port Discharge, Fore: STINGRAY, GASTROPODS & BIVALVES

Port Discharge, Aft: HS CRABS

Stbd Discharge, Fore:

Stbd Discharge, Aft:

Port Skimmer: Ø

Stbd Skimmer: Ø

Comments: SAND VERY LITTLE STEEL DEBRIS OR TRASH

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments

Observer(s) On Duty:

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE

Date 18/11/00

Load # 165 Times: Start 1:44 End 1841 Dump 2110

Location(lat/long) P. See. 11 Tide 1.95

Weather Partly Cloudy, NE 05 Kts, Seas 1-2'

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

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

Port Draghead: Ø Deflector: Ø

Stbd Draghead: Ø Deflector: Ø

Port Discharge, Fore:

Port Discharge, Aft: HS Crab, Sting Ray, Catfish, Sea Worm, Clams, scallops,

Stbd Discharge, Fore: Oysters, cockles, Welks, Conchs, Olives, Moonsnails

Stbd Discharge, Aft:

Port Skimmer:

Stbd Skimmer: Ø

Comments:

SAND

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments

Observer(s) On Duty: Jason Scott

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: R N Weeks

Project: St. Pete Entrance

Date: 19 / Nov / 00

Load # 166 Times: Start 0019 End 0259 Dump 0529

Location(lat/long): Section 11 Tide 1.91

Weather Windy, mostly cloudy

H_2O Surf.Temp 71° Time _____ Below Mid-Depth 71° Time _____ C or (F) (circle one)

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

Port Draghead: Ø Deflector: Ø

Stbd Draghead: Ø Deflector: Ø

Port Discharge, Fore:

Port Discharge, Aft: } HS Crabs, Catfish, Sea worms, Clams, Oysters,

Stbd Discharge, Fore: } Welks, Conchs, Cockles, Olives, Moon snails,

Stbd Discharge, Aft: } Star fish

Port Skimmer:

Stbd Skimmer: Ø

Comments:

SAND

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments

Observer(s) On Duty: Jason Scott

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: R N Weeks

Project: St Pete Entrance

Date: 19 Nov, 00

Load # 167 Times: Start 0831 End 1202 Dump 1424

Location(lat/long) Section 11 Tide EBB

Weather MOSTLY CLEAR, ONE 10-15 KTS, SEAS 2-3

H_2O Surf.Temp 72° Time 1125 Below Mid-Depth 71° Time 1130 C or F (circle one)

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

Port Draghead: Ø Deflector: OK

Stbd Draghead: Ø Deflector: OK

Port Discharge, Fore: BUTTERFLY RAY, HS CRABS, GASTROPOD

Port Discharge, Aft: & BIVALVES, SNAILS,

Stbd Discharge, Fore:

Stbd Discharge, Aft:

Port Skimmer: Ø

Stbd Skimmer:

Comments:

SAND W/ VERY LITTLE DEBRIS

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments

Observer(s) On Duty:

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE

Date: 11/19/00

Load # 168 Times: Start 1808 End 2110 Dump

Location(lat/long) See 11 Tide: FLOOD

Weather MOSTLY CLEAR, ENE 5-15 KTS, 2-3' SEAS

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

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

Port Draghead: Ø Deflector: OK

Stbd Draghead: Ø Deflector: OK

Port Discharge, Fore:

Port Discharge, Aft: CATFISH, HS CRABS, GASTROPODS & BIVALVES

Stbd Discharge, Fore:

Stbd Discharge, Aft:

Port Skimmer: Ø

Stbd Skimmer:

Comments:

SAND

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments

Observer(s) On Duty:

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: R.N. WEEKS

Project: St Pete entrance Channel

Date: 20 Nov 00

Load # 169 Times: Start 02:49 End 05:25 Dump 0742

Location(lat/long) Section 11 Tide 1.11

Weather Cloudy, Windy

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

Are there incidents involving endangered or protected species? Yes____ No____

Port Draghead: X Deflector: X

Stbd Draghead: X Deflector: X

Port Discharge, Fore:

Port Discharge, Aft: Sting Ray, H.S. Crab, Gastropods, Bivalves, Seaworms

Stbd Discharge, Fore:

Stbd Discharge, Aft:

Port Skimmer: X

Stbd Skimmer: X

Comments: SAND

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments

Observer(s) On Duty: Jason Scott

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: RN Weeks

Project: St. Pete

Date: 20 Nov 00

Load # 170 Times: Start 1041 End 1400 Dump 1617

Location(lat/long) Section 11 Tide SLK—EBB

Weather PARTLY CLOUDY, N 10-20 KTS, SEAS 2-3'

H_2O Surf.Temp 71° Time 1130 Below Mid-Depth 71° Time 1135 C or (F) (circle one)

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

Port Draghead: Ø Deflector: OK

Stbd Draghead: Deflector: OK

Port Discharge, Fore: 2 STINGRAYS, THE USUAL GASTROPODS &

~~Port Discharge, Aft:~~ BIVALVES

Stbd Discharge, Fore:

Stbd Discharge, Aft:

Port Skimmer: Ø

Stbd Skimmer:

Comments:

SAND

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
Tt	5-6	09:23	near Egmont, swam next to ship

Observer(s) On Duty: [signature]

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE

Date: 20 Nov 1990

Load # 171 Times: Start 1913 End 2158 Dump

Location(lat/long) Section 11 Tide FLOOD

Weather CLEAR, NE 15-20 KTS, 2-3' SEAS

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

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

Port Draghead: Ø Deflector: OK

Stbd Draghead: Ø Deflector: OK

Port Discharge, Fore:

Port Discharge, Aft: COWNOSE RAY, CATFISH, GASTROPODS &

Stbd Discharge, Fore: BIVALVES, HS CRABS

Stbd Discharge, Aft:

Port Skimmer: Ø

Stbd Skimmer: Ø

Comments:

SAND

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments

Observer(s) On Duty:

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: SO PESE

Date: 21 NOV 02

Load # 172 Times: Start 0340 End 0723 Dump 0946

Location(lat/long) SEC. 11 Tide 0.08

Weather MOSTLY CLEAR, NNE 10-15 KTS, 2-3' SEAS

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

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

Port Draghead: Ø Deflector: Ø

Stbd Draghead: Ø Deflector: Ø

Port Discharge, Fore: } Starfish, Sting Ray, HS Crab, Seaworms,

Port Discharge, Aft: } Gastropods & Bivalves

Stbd Discharge, Fore: }

Stbd Discharge, Aft:

Port Skimmer: Ø

Stbd Skimmer: Ø

Comments: SAND

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments

Observer(s) On Duty: Jason Scott

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: R N Weeks

Project: St Pete Entrance

Date: 21/Nov/00

Load # 173 Times: Start 1251 End 1650 Dump 1918

Location(lat/long) Section 11 Tide EBB

Weather clear 3-4' seas, windy N - 10-15 KTS

H_2O Surf.Temp 69° Time 1505 Below Mid-Depth 69° Time 1510 C or F (circle one)

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

Port Draghead: Ø Deflector: OK

Stbd Draghead: Ø Deflector: OK

Port Discharge, Fore:

Port Discharge, Aft: RAY, GASTROPODS & BIVALVES

Stbd Discharge, Fore:

Stbd Discharge, Aft:

Port Skimmer: Ø

Stbd Skimmer: Ø

Comments:

SAND

VERY LITTLE DEBRIS

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
TT	1	1445	AT DIG

Observer(s) On Duty: R

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: RN WEERS

Project: St PETE

Date: 22 / NOV / 00

Load # 174 Times: Start 2217' End 0257 Dump 0527

Location(lat/long) SEC 11 Tide 0.31

Weather CLEAR, N 10-20KTS, 3-4' SWS

H_2O Surf.Temp 68° Time _____ Below Mid-Depth 68° Time _____ C or (F) (circle one)

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

Port Draghead: Ø Deflector: Ø

Stbd Draghead: _____ Deflector: _____

Port Discharge, Fore:
Port Discharge, Aft: } HS Crab, Catfish, Croaker ("fish"), Gastropods,
Stbd Discharge, Fore: } Bivalves, seaworm, star fish.
Stbd Discharge, Aft:

Port Skimmer: Ø

Stbd Skimmer: Ø

Comments: SAND

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments

Observer(s) On Duty: Jason Scott

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: St Pete Entrance

ERIC
727-864-1004
Rick Cell 912-441-6004

Date: 22/Nov/00

Load # 175 Times: Start 0830 End 1353 Dump 1617

Location(lat/long) Section 11 Tide FLOOD→SLACK→EBB

Weather Clear, 10-15 KTS NNE, 2-3' seas

H_2O Surf.Temp 69° Time 1220 Below Mid-Depth 69° Time 1228 C or (F) (circle one)

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

Port Draghead: Ø Deflector: OK

Stbd Draghead: Ø Deflector: OK

Port Discharge, Fore:

Port Discharge, Aft: STINGRAYS, CATFISH, GASTROPOD & BIVALVES

Stbd Discharge, Fore: SKATE

Stbd Discharge, Aft:

Port Skimmer: Ø

Stbd Skimmer:

Comments:

SAND

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments

Observer(s) On Duty: J. Scott, [signature]

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE

Date: 23 11 100

Load # 176 Times: Start 19:13 End 0014 Dump _____

Location(lat/long) Section 11 Tide 1.76

Weather Clear, N 10-20 KTS 3-4' seas

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

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

Port Draghead: Ø Deflector: Ø

Stbd Draghead: Ø Deflector: Ø

Port Discharge, Fore:

Port Discharge, Aft:

Stbd Discharge, Fore:

Stbd Discharge, Aft:

} Lamprey, catfish, HS Crab, Gastropods, bivalves, seaworms

Port Skimmer: Ø

Stbd Skimmer: Ø

Comments:

SAND

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments

Observer(s) On Duty: Heather P., Jason Scott

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE

Date: 23/11/00

Load # 177 Times: Start 0541 End 0958 Dump 1223

Location(lat/long) See. 11 Tide EBB SLK FLOOD

Weather OVERCAST, NE 5-10 KTS, SEAS 1-3'

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

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

Port Draghead: Ø Deflector: OK

Stbd Draghead: Ø Deflector: OK

Port Discharge, Fore:

Port Discharge, Aft: STRAY RAY, GASTRO- & BIVALVE SHELLS

Stbd Discharge, Fore: HS CRABS, BLUE CRABS

Stbd Discharge, Aft:

Port Skimmer: Ø

Stbd Skimmer: Ø

Comments:

SAND

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
TT	2-3	1145	en Route to Dumpout
TT	2-3	1210	at Belmont

Observer(s) On Duty: [signature]

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE

Date: 23/11/00

Load # 178 Times: Start 1503 End _____ Dump _____

Location(lat/long) SEC 11 Tide _____

Weather CLEAR, NE 5-15KTS, SEAS 1-3'

H_2O Surf.Temp 61° Time 1525 Below Mid-Depth 61° Time 1530 C or (F) (circle one)

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

Port Draghead: Ø Deflector: OK

Stbd Draghead: Ø Deflector: OK

Port Discharge, Fore:

Port Discharge, Aft: CATFISH, STARFISH, HS CRABS, GASTRO, &

Stbd Discharge, Fore: BIVALVES

Stbd Discharge, Aft:

Port Skimmer: Ø

Stbd Skimmer: Ø

Comments:

SAND

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments

Observer(s) On Duty: [signature]

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE

Date: 24/11/00

Load # 179 Times: Start 0425 End 1056 Dump 1327

Location(lat/long) SEC. 11 Tide

Weather PARTLY CLOUDY, ESE 5-12 KTS, SEAS 2-3'

H_2O Surf.Temp 60° Time 0910 Below Mid-Depth 60° Time 0915 C or (F) (circle one)

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

Port Draghead: Ø Deflector: OK

Stbd Draghead: Ø Deflector: OK

Port Discharge, Fore:

Port Discharge, Aft: CATFISH, STING RAY, HS CRABS

Stbd Discharge, Fore: GASTRO & BIVALVE

Stbd Discharge, Aft:

Port Skimmer:

Stbd Skimmer:

Comments:

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
TT	2	0910	In Channel

Observer(s) On Duty: [signature]

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: R N WEEK

Project: ST PETE

Date: 24/ 11 / 00

Load # 180 Times: Start 1619 End 1959 Dump

Location(lat/long) See. 11 Tide EBB

Weather CLOUDY, NE 10-15 KTS, 2-3' seas

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

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

Port Draghead: Deflector: OK

Stbd Draghead: Deflector: OK

Port Discharge, Fore:

Port Discharge, Aft: CATFISH, HS CRAB, GASTRO & BIVALVE Shells

Stbd Discharge, Fore:

Stbd Discharge, Aft:

Port Skimmer:

Stbd Skimmer:

Comments:

SAND CLEANUP

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments

Observer(s) On Duty:

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE

Date: 25 [illegible] 00

Load # 181 Times: Start 0032 End 0900 Dump 1146

Location(lat/long) See. 11 Tide

Weather OC, RAIN, SE 15-30 KTS, 2-4' SEAS

H_2O Surf.Temp 61° Time 0827 Below Mid-Depth 61° Time 0832 C or (F) (circle one)

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

Port Draghead: Deflector: OK

Stbd Draghead: Deflector: OK

Port Discharge, Fore:

Port Discharge, Aft: NS CRABS, STARFISH, GASTRO & BIVALVE

Stbd Discharge, Fore: STRAY RAY, CATFISH

Stbd Discharge, Aft:

Port Skimmer:

Stbd Skimmer:

Comments:

SAND

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments

Observer(s) On Duty:

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: RN WORKS

Project: ST PETE

Date: 25/11/00

Load # 182 Times: Start 1446 End 2402 Dump 2321

Location(lat/long) SEC 11 Tide

Weather T STORMS, LT & VAR, 1-2' SEAS

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

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

Port Draghead: Deflector: OK

Stbd Draghead: Deflector: OK

Port Discharge, Fore:

Port Discharge, Aft: HS CRABS, STARFISH, GASTROPOD & BI

Stbd Discharge, Fore: STINGRAY

Stbd Discharge, Aft:

Port Skimmer:

Stbd Skimmer:

Comments:

SAND

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments

Observer(s) On Duty:

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE

Date: 26 / 11 / 00

Load # 183 Times: Start 0200 End 0756 Dump _____

Location(lat/long) SEC 11 Tide _____

Weather OC, RAIN, E 5 KTS, 1' SEAS

H_2O Surf.Temp 62° Time 0730 Below Mid-Depth 62° Time 0735 C or F (circle one)

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

Port Draghead: Ø Deflector: OK

Stbd Draghead: Ø Deflector: OK

Port Discharge, Fore:

Port Discharge, Aft: HS CRABS, STARFISH, GASTRO & BIVALVE

Stbd Discharge, Fore:

Stbd Discharge, Aft:

Port Skimmer: Ø

Stbd Skimmer:

Comments:

Bridge Watch Summary

Species	# of Animals	Time	Location & Comments
TT	2	0805	on Route to Egmont

Observer(s) On Duty: [signature]