

DATE: 05 / 22 / 2017

COMMENTS:

SEA TURTLE CAPTURE AND RELOCATION DATA FORM
COASTWISE CONSULTING, INC.

DATE: 05 / 23 / 2017

Project Name: Dare County Beach Renourishment USACE District: Dare County
Trawler Name: Jessica Marie Biologist: Carolyn Kingore
Captain(s): Byrd, O'Bannon Trawling for Dredge: No dredge on site yet
H2O Temp 19 °C Tide (Time, High Or Low): 0543 hrs, (H) L 1152 hrs, H (D) Air
Temp 18 °C Wind Spd / Dir w @ 4-5 kts Wave Ht 2' Bottom Type Sand

TOW #: 32 Times (24hrs): Start 0653 End 0723
Tow Start: Latitude 36° 11.663 Longitude 75° 40.157
Tow End: Latitude 36° 11.673 Longitude 75° 40.407
Port Net or Starboard Net Starboard Bib Nets: Yes x No Rollers: Yes x No
Project Capture # 02 Trawl Effort # Capture # 02

SPECIES Caretta caretta CONDITION good
Straight Carapace Length: 67 cm/in Straight Carapace Width: 60 cm/in
Curved Carapace Length: 71 cm/in Curved Carapace Width: 67.9 cm/in
Plastron Length: 52.9 cm/in Plastron Width: 49 cm/in
Head Width: 14.5 cm/in Weight (if available) kg/lbs

Genetic sample taken: Yes No Location (which flipper, etc) left rear flipper
Photos taken: Yes No Scars Present: Rt. rear flipper old (potential) shark bite
missing small portion
Epibionts, Algae or Oil Present? 10% Barnacle covers

PIT TAG SCAN: Yes x No PREVIOUSLY TAGGED? Yes No x
PREVIOUS TAG ID: PIT Left Right
TAGS APPLIED ID: PIT 989001006613552 Left MMC 964 Right MMC 965

RELEASE INFO: CONDITION

Time 1603 Latitude 36° 08.277 Longitude 75° 34.774

COMMENTS:

SEA TURTLE CAPTURE AND RELOCATION DATA FORM
COASTWISE CONSULTING, INC.

DATE: 05 / 23 / 2017

Project Name: Dare County Beach Renourishment USACE District: Dare County
Trawler Name: Jessica Marie Biologist: Caryn Kigase
Captain(s): Ryd / OBannon Trawling for Dredge: No dredge on site yet
H2O Temp 19 °C Tide (Time, High Or Low): 1152 hrs, H 1813 hrs, H L Air
Temp 19 °C Wind Spd / Dir SE @ 6-8 kts Wave Ht 4' Bottom Type sand

TOW #: 44 Times (24hrs): Start 1701 End 1732
Tow Start: Latitude 36° 11.606 Longitude 75° 40.425
Tow End: Latitude 36° 11.734 Longitude 75° 40.302
Port Net or Starboard Net _____ Bib Nets: Yes x No _____ Rollers: Yes x No _____

Project Capture # 03 Trawl Effort # 01 Capture # 03

SPECIES C. caretta CONDITION good / fair

Straight Carapace Length: 76 cm/in Straight Carapace Width: 68 cm/in

Curved Carapace Length: 82.5 cm/in Curved Carapace Width: 75 cm/in

Plastron Length: 54 cm/in Plastron Width: 52 cm/in

Head Width: 15 cm/in Weight (if available) _____ kg/lbs

Genetic sample taken: Yes x No _____ Location (which flipper, etc) Left rear flipper

Photos taken: Yes x No _____ Scars Present: _____

Epibionts, Algae or Oil Present? 80% barnacle load (multiple species)

PIT TAG SCAN: Yes x No _____ PREVIOUSLY TAGGED? Yes _____ No x

PREVIOUS TAG ID: PIT _____ Left _____ Right _____

TAGS APPLIED ID: PIT 98900006613468 Left mmc 966 Right mmc 967

RELEASE INFO: CONDITION _____

Time 1930 Latitude 36° 08.119 Longitude 75° 34.604

COMMENTS: condition labeled good / fair due to heavy barnacle load

SEA TURTLE CAPTURE AND RELOCATION DATA FORM
COASTWISE CONSULTING, INC.

DATE: 05 / 23 / 2017

Project Name: Dare County Beach Renourishment USACE District: Dare County
Trawler Name: Jessica Marie Biologist: Carolyn Kigore
Captain(s): Byrd / OBannon Trawling for Dredge: Liberty Island
H2O Temp 19 °C Tide (Time, High Or Low): 1813 hrs ☒ H / 0044 hrs, ☐ L ☒ Air
Temp 19 °C Wind Spd / Dir SW @ 8 KTS Wave Ht 3' Bottom Type Sand

TOW #: 46 Times (24hrs): Start 2045 End 2116
Tow Start: Latitude 36° 11.225 Longitude 75° 40.157
Tow End: Latitude 36° 11.293 Longitude 75° 40.018
Port Net or Starboard Net Port Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐
Project Capture # 04 Trawl Effort # 1 Capture # 04

SPECIES C. caretta CONDITION good
Straight Carapace Length: 82 cm/in Straight Carapace Width: 75 cm/in
Curved Carapace Length: 88.2 cm/in Curved Carapace Width: 82.5 cm/in
Plastron Length: 65.6 cm/in Plastron Width: 57 cm/in
Head Width: 19.5 cm/in Weight (if available) kg/lbs

Genetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) left rear flipper
Photos taken: Yes ☒ No ☐ Scars Present:
Epibionts, Algae or Oil Present? 10% algae, 2% Barnacle

PIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒
PREVIOUS TAG ID: PIT Left Right
TAGS APPLIED ID: PIT 89001006613481 Left MMC 969 Right MMC 968

RELEASE INFO: CONDITION good
Time 2359 Latitude 36° 08' 11.8 Longitude 75° 34.372

COMMENTS: two genetic samples taken, per request. Especially dark coloration, possibly
Northern spp. (?)

SEA TURTLE CAPTURE AND RELOCATION DATA FORM
COASTWISE CONSULTING, INC.

DATE: 05 / 25 / 2017

Project Name: Dade County Beach Renourishment USACE District: Dade County
Trawler Name: Jessica marie Biologist Carolyn Kilgore
Captain(s): Byrd Trawling for Dredge Liberty Island
H2O Temp 19 °C Tide (Time, High Or Low): 1957 hrs, H / L 0232 hrs, H / L Air
Temp 19 °C Wind Spd / Dir SW @ 10 kts Wave Ht 2-3' Bottom Type Sand

TOW #: 92 Times (24hrs): Start 2130 End 2207
Tow Start: Latitude 36° 11.190 Longitude 75° 40.358
Tow End: Latitude 36° 11.224 Longitude 75° 40.131
Port Net or Starboard Net Port Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐

Project Capture # 05 Trawl Effort # 01 Capture # 05

SPECIES Caretta caretta CONDITION good

Straight Carapace Length: 92 cm/in Straight Carapace Width: 75 cm/in

Curved Carapace Length: 98.7 cm/in Curved Carapace Width: 90 cm/in

Plastron Length: 67.8 cm/in Plastron Width: 65.4 cm/in

Head Width: 20 cm/in Weight (if available) — kg/lbs

Genetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) left rear flipper

Photos taken: Yes ☒ No ☐ Scars Present: —

Epibionts, Algae or Oil Present? 10% barnacle load

PIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒

PREVIOUS TAG ID: PIT — Left — Right —

TAGS APPLIED ID: PIT 989001006613474 Left mmC 971 Right mmC 970

RELEASE INFO: CONDITION good

Time 0214 Latitude 36° 07.30 a Longitude 75° 35.618

COMMENTS: Boatw area - C

COMMENTS: _____

SEA TURTLE CAPTURE AND RELOCATION DATA FORM
COASTWISE CONSULTING, INC.

DATE: 05 / 26 / 2017

Project Name: Dade County Beach Renourishment USACE District: Dade County
Trawler Name: Jessica Marie Biologist: Carolyn Kilgore
Captain(s): Byrd / O'Bannon Trawling for Dredge: Liberty Island
H2O Temp 18 °C Tide (Time, High Or Low): 1429 hrs, H/L 2049 hrs, H/L Air
Temp 20 °C Wind Spd / Dir WSW @ 6 Kts Wave Ht 2' Bottom Type Sand

TOW #: 116 Times (24hrs): Start 1824 End 1854
Tow Start: Latitude 36°02.596N Longitude 75°33.433W
Tow End: Latitude 36°02.785N Longitude 75°33.238W
Port Net or Starboard Net Port Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐
Project Capture # 07 Trawl Effort # 01 Capture # 07

SPECIES Caretta caretta CONDITION good
Straight Carapace Length: 82 cm/in Straight Carapace Width: 64 cm/in
Curved Carapace Length: 86.8 cm/in Curved Carapace Width: 76.8 cm/in
Plastron Length: 58.5 cm/in Plastron Width: 54 cm/in
Head Width: 19 cm/in Weight (if available) — kg/lbs

Genetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) Right Rear Flipper
Photos taken: Yes ☒ No ☐ Scars Present: —

Epibionts, Algae or Oil Present? 5% Barnacle load

PIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒

PREVIOUS TAG ID: PIT — Left — Right —

TAGS APPLIED ID: PIT 989001006613494 Left MMC 974 Right MMC 975

RELEASE INFO: CONDITION good

Time 2150 Latitude 36°07.969N Longitude 75°35.270W

COMMENTS: —

SEA TURTLE CAPTURE AND RELOCATION DATA FORM
COASTWISE CONSULTING, INC.

DATE: 05 / 27 / 2017

Project Name: Dare County Beach Renourishment USACE District: Dare County
Trawler Name: Jessica Marie Biologist Carolyn Kilgore
Captain(s): Byrd / O'Bannon Trawling for Dredge Liberty Island
H2O Temp 18 °C Tide (Time, High Or Low): 0325 hrs, H (L) 0920 hrs (H) / L Air
Temp 20 °C Wind Spd / Dir W @ 3-5 Kts Wave Ht 1' Bottom Type Sand

TOW #: 126 Times (24hrs): Start 0438 End 0508

Tow Start: Latitude 36°02.563 Longitude 75°33.366

Tow End: Latitude 36°02.401 Longitude 75°33.349

Port Net or Starboard Net Port Bib Nets: Yes x No Rollers: Yes x No

Project Capture # 08 Trawl Effort # 01 Capture # 08

SPECIES Caretta caretta CONDITION good

Straight Carapace Length: 86 cm/in Straight Carapace Width: 78 cm/in

Curved Carapace Length: 90.2 cm/in Curved Carapace Width: 85.6 cm/in

Plastron Length: 62.2 cm/in Plastron Width: 59 cm/in

Head Width: 17 cm/in Weight (if available) kg/lbs

Genetic sample taken: Yes x No Location (which flipper, etc) Left Rear Flipper

Photos taken: Yes x No Scars Present: missing Back Right Flipper (healed & Functional)

Epibionts, Algae or Oil Present? 5% Barnacle / algae load

PIT TAG SCAN: Yes x No PREVIOUSLY TAGGED? Yes No x

PREVIOUS TAG ID: PIT Left Right

TAGS APPLIED ID: PIT 789001006613548 Left mmL 817 Right mmL 815

RELEASE INFO: CONDITION Good, swam away

Time 0945 Latitude 36°07.799 Longitude 75°35.257

COMMENTS: Back right flipper missing, remaining tibia/fibula or femur - still maintains functional movement. Robust healthy animal.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 05 / 28 / 2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: BA-ATrawler Effort / Name: #2 Reva RoseBiologist A. GarstinTrawling for Dredge(s) Liberty IslandCapt(s): Robert Lupton, Clifton ByronH2O Temp 19 °C Tide (Time, High Or Low): 1015 hrs, H / L 1618 hrs, H / LAir Temp 22 °C Wind Spd / Dir 14 kts SE Wave Ht 1-2' Bottom Type sandTOW #: 37 Times (24hrs): Start 1433 End 1512Tow Start: Latitude 36° 02.424' N Longitude 75° 32.998' WTow End: Latitude 36° 02.590' N Longitude 75° 33.163' WPort Net or Starboard Net Starboard Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐Project Capture # 09 Trawl Effort Capture # 01 By Species: Cc 9 Lk 0 Cm 0SPECIES Caretta caretta CONDITION ExcellentStraight Carapace Length: 95.7 cm/in Straight Carapace Width: 70.8 cm/inCurved Carapace Length: 102.8 cm/in Curved Carapace Width: 89.0 cm/inPlastron Length: 72.0 cm/in Plastron Width: 64.4 cm/inHead Width: 21.3 cm/in Weight (if available) — kg/lbsGenetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) Left rear flipperPhotos taken: Yes ☒ No ☐ Scars Present: Possible tag scars; right front flipperEpibionts, Algae or Oil Present? Algae and barnacles present on head, carapace and plastron.PIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☒ No ☐PREVIOUS TAG ID: PIT 431 3345835 Left — Right —TAGS APPLIED ID: PIT — Left MML 901 (L1) Right MML 902 (R1)RELEASE INFO: CONDITION ExcellentTime 1735 Latitude N36° 03.342' Longitude W75° 28.996'COMMENTS: Possible metal tag scars in L2/R2. Old completely healed injury to right front flipper. Turtle released alive to the sea. Swam away from the boat upon release.

DATE: 05 / 29 / 2017

COMMENTS:

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 05 / 29 / 2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: BA-ATrawler Effort / Name: #2 Reva RoseBiologist A. GarstinTrawling for Dredge(s) Liberty IslandCapt(s): Robert Lupton, Clifton ByronH2O Temp 19 °C Tide (Time, High Or Low): 0513 hrs, H / 1112 hrs, LAir Temp 20 °C Wind Spd / Dir 2-5 kts NNE Wave Ht 0-0.5' Bottom Type sandTOW #: 53 Times (24hrs): Start 0445 End 0522Tow Start: Latitude N 36° 02.670' Longitude W 75° 33.130'Tow End: Latitude N 36° 02.190' Longitude W 75° 33.110'Port Net or Starboard Net Port Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐Project Capture # 11 Trawl Effort Capture # 02 By Species: Cc 11 Lk 0 Cm 0SPECIES Loggerhead C. caretta CONDITION ExcellentStraight Carapace Length: 84.4 cm/in Straight Carapace Width: 73.6 cm/inCurved Carapace Length: 93.1 cm/in Curved Carapace Width: 91.8 cm/inPlastron Length: 66.9 cm/in Plastron Width: 65.7 cm/inHead Width: 19.2 cm/in Weight (if available) — kg/lbsGenetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) Right rear flipperPhotos taken: Yes ☒ No ☐ Scars Present: —Epibionts, Algae or Oil Present? Algae on carapace, barnacles on head, plastron and carapacePIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒PREVIOUS TAG ID: PIT — Left — Right —TAGS APPLIED ID: PIT — Left MML 903 (L2) Right MML 904 (R2)RELEASE INFO: CONDITION ExcellentTime 0625 Latitude N 36° 03.330' Longitude W 75° 28.867'COMMENTS: Turtle released alive to the sea; swam away from the boat upon release.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 05 / 29 / 2017

PROJECT: DARE COUNTY BEACH RESTORATION BORROW SITE: BAA
 Trawler Effort / Name: #2 Reva Rose Biologist A. Garstin
 Trawling for Dredge(s) Liberty Island Capt(s): Robert Lupton, Clifton Byrum
 H2O Temp 19 °C Tide (Time, High Or Low): 0513 hrs, H ☒ 1112 hrs, ☒ L
 Air Temp 20 °C Wind Spd / Dir 1-4 kts S Wave Ht 0-1' Bottom Type sand

TOW #: 54 Times (24hrs): Start 0652 End 0732
 Tow Start: Latitude N 36° 02.038' Longitude W 75° 32.704'
 Tow End: Latitude N 36° 02.492' Longitude W 75° 32.952'
 Port Net or Starboard Net Port Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐
 Project Capture # 12 Trawl Effort Capture # 3 By Species: Cc 12 Lk 0 Cm 0

SPECIES Loggerhead Caretta caretta CONDITION Excellent
 Straight Carapace Length: 89.6 cm/in Straight Carapace Width: 68.2 cm/in
 Curved Carapace Length: 95.9 cm/in Curved Carapace Width: 88 cm/in
 Plastron Length: 65 cm/in Plastron Width: 61.8 cm/in
 Head Width: 16.7 cm/in Weight (if available) — kg/lbs
 Genetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) Left rear flipper
 Photos taken: Yes ☒ No ☐ Scars Present: Healed crack in carapace, missing left rear flipper
 Epibionts, Algae or Oil Present? Algae on carapace and head, barnacles on plastron, carapace and head
 PIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒
 PREVIOUS TAG ID: PIT — Left — Right —
 TAGS APPLIED ID: PIT — Left MML 905 Right MML 906
 RELEASE INFO: CONDITION Excellent

Time 1020 Latitude N 36° 03.041' Longitude W 75° 28.694'

COMMENTS: Crack in carapace completely healed. Missing most of left rear flipper from old wound (completely healed). Turtle released alive to the sea. Swam away from the boat upon release.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM
COASTWISE CONSULTING, INC.

DATE: 05 / 29 / 2017

Project Name: Dare County Beach Restoration USACE District: Dare county
Trawler Name: Jessica Marie Biologist: Carolyn Kilgore
Captain(s): Byrd / O'Bannon Trawling for Dredge: Liberty Island, Dodge Island
H2O Temp 19 °C Tide (Time, High Or Low): 11 12 hrs (H) L 17 16 hrs, H (L) Air
Temp 23 °C Wind Spd / Dir NE @ 3-5 kts Wave Ht 1' Bottom Type Sand

TOW #: 207 Times (24hrs): Start 1403 End 1434
Tow Start: Latitude 36° 11.752 Longitude 75° 40.179
Tow End: Latitude 36° 11.680 Longitude 75° 40.222
Port Net or Starboard Net Starboard Bib Nets: Yes x No Rollers: Yes x No
Project Capture # 13 Trawl Effort # 01 Capture # 10

SPECIES Caretta caretta CONDITION good
Straight Carapace Length: 102 cm/in Straight Carapace Width: 94 cm/in
Curved Carapace Length: 107.5 cm/in Curved Carapace Width: 100 cm/in
Plastron Length: 72.5 cm/in Plastron Width: 70.5 cm/in
Head Width: 23 cm/in Weight (if available) kg/lbs

Genetic sample taken: Yes x No Location (which flipper, etc) left rear flipper
Photos taken: Yes x No Scars Present: see comments

Epibionts, Algae or Oil Present? 25% light algae, ~5 barnacles

PIT TAG SCAN: Yes x No PREVIOUSLY TAGGED? Yes No x

PREVIOUS TAG ID: PIT Left Right

TAGS APPLIED ID: PIT Left mml 820 Right mml 821

RELEASE INFO: CONDITION good

Time 1645 Latitude 36° 16.020 Longitude 75° 35.615

COMMENTS: good / healthy
missing portion of front right flipper, completely heal & functional. turtle robust &
healthy. obvious male by length of tail, extended ~25 cm past end of carapace

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 05 / 29 / 2017

PROJECT: DARE COUNTY BEACH RESTORATION

BORROW SITE: BA-A

Trawler Effort / Name: # 2 Revu Rose

Biologist A. Garstin

Trawling for Dredge(s) Liberty Island

Capt(s): Robert Lupton, Clifton Byron

H2O Temp 19 °C Tide (Time, High Or Low): 1112 hrs, ☒ H / 1716 hrs, ☒ L

Air Temp 23 °C Wind Spd / Dir 9 kts E Wave Ht 0.5-1' Bottom Type Sand

TOW #: 63 Times (24hrs): Start 1507 End 1547

Tow Start: Latitude N36° 02' 43" Longitude W75° 33' 25"

Tow End: Latitude N36° 01' 48" Longitude W75° 32' 49"

Port Net or Starboard Net Port Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐

Project Capture # 14 Trawl Effort Capture # 4 By Species: Cc 14 Lk 0 Cm 0

SPECIES Loggerhead (C. caretta) CONDITION Excellent

Straight Carapace Length: 89.8 cm/in Straight Carapace Width: 68.6 cm/in

Curved Carapace Length: 91.5 cm/in Curved Carapace Width: 82.7 cm/in

Plastron Length: 61.7 cm/in Plastron Width: 63 cm/in

Head Width: 17.6 cm/in Weight (if available) _____ kg/lbs

Genetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) Left rear flipper

Photos taken: Yes ☒ No ☐ Scars Present: Marginals near right rear flipper

Epibionts, Algae or Oil Present? Algae on carapace, barnacles on head, carapace and plastron

PIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒

PREVIOUS TAG ID: PIT _____ Left _____ Right _____

TAGS APPLIED ID: PIT _____ Left MML 907 Right MML 908

RELEASE INFO: CONDITION Excellent

Time 1718 Latitude N36° 03' 27" Longitude W75° 28' 75"

COMMENTS: Male; missing portion of marginals near right rear flipper. Flipper intact. Wound appears to be old and completely healed.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM
COASTWISE CONSULTING, INC.

DATE: 05 / 30 / 2017

Project Name: Oare County Beach Restoration USACE District: Oare County
Trawler Name: Jessica Marie Biologist: Carolyn Kilgore
Captain(s): Byrd / O'Bannon Trawling for Dredge: Liberty Island, Dodge Island
H2O Temp 20 °C Tide (Time, High Or Low): 0608 hrs, H (1) 1211 hrs, (H) L Air
Temp 20 °C Wind Spd / Dir SE @ 5-7 Kts Wave Ht 2-3' Bottom Type sand

TOW #: 228 Times (24hrs): Start 0630 End 0700

Tow Start: Latitude 36° 11.720N Longitude 75° 40.372W

Tow End: Latitude 36° 11.450N Longitude 75° 40.274

Port Net or Starboard Net Port Bib Nets: Yes x No Rollers: Yes x No

Project Capture # 15 Trawl Effort # 01 Capture # 11

SPECIES Caretta caretta CONDITION good

Straight Carapace Length: 100 cm/in Straight Carapace Width: 91 cm/in

Curved Carapace Length: 105.5 cm/in Curved Carapace Width: 96.7 cm/in

Plastron Length: 73.1 cm/in Plastron Width: 70.5 cm/in

Head Width: 23 cm/in Weight (if available) kg/lbs

Genetic sample taken: Yes x No Location (which flipper, etc) Right Rear flipper

Photos taken: Yes x No Scars Present:

Epibionts, Algae or Oil Present? 1-2 barnacles

PIT TAG SCAN: Yes x No PREVIOUSLY TAGGED? Yes No x

PREVIOUS TAG ID: PIT Left Right

TAGS APPLIED ID: PIT Left MML 822 Right MML 823

RELEASE INFO: CONDITION excellent

Time 0915 Latitude 36° 16.802 Longitude 75 36.374

COMMENTS: Male, identified by length of tail

Swam quickly away from vessel upon release

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 05 / 30 / 2017

PROJECT: DARE COUNTY BEACH RESTORATION BORROW SITE: BA-A
Trawler Effort / Name: #2 Reva Rose Biologist A. Garstin
Trawling for Dredge(s) Liberty Island Capt(s): Robert Lupton, Clifton Byron
H2O Temp 20 °C Tide (Time, High Or Low): 1211 hrs, H / L 1818 hrs, H / (L)
Air Temp 26 °C Wind Spd / Dir 8 kts W Wave Ht 0-0.5' Bottom Type Sand

TOW #: 95 Times (24hrs): Start 1616 End 1655
Tow Start: Latitude N36° 01.874' Longitude W75° 32.554'
Tow End: Latitude N36° 02.686' Longitude W75° 33.068'
Port Net or Starboard Net Starboard Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐
Project Capture # 16 Trawl Effort Capture # 5 By Species: Cc 16 Lk 0 Cm 0

SPECIES Loggerhead (C. caretta) CONDITION Excellent
Straight Carapace Length: 85.4 cm/in Straight Carapace Width: 65.3 cm/in
Curved Carapace Length: 92.5 cm/in Curved Carapace Width: 85 cm/in
Plastron Length: 68 cm/in Plastron Width: 65 cm/in
Head Width: 15.9 cm/in Weight (if available) kg/lbs

Genetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) Left rear flipper
Photos taken: Yes ☒ No ☐ Scars Present: None

Epibionts, Algae or Oil Present? Algae on carapace; barnacles on carapace and plastron

PIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒

PREVIOUS TAG ID: PIT Left Right

TAGS APPLIED ID: PIT Left MML909 (L2) Right MML910 (R2)

RELEASE INFO: CONDITION Excellent

Time 1859 Latitude N36° 03.245' Longitude W75° 28.694'

COMMENTS: Turtle released alive to the sea; swam away from the boat upon release.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 05 / 30 / 2017

PROJECT: DARE COUNTY BEACH RESTORATION

BORROW SITE: BA-A

Trawler Effort / Name: #2 Resa Rose

Biologist A. Gardin

Trawling for Dredge(s) Liberty Island

Capt(s): Robert Lupton, Clifton Byron

H2O Temp 20 °C Tide (Time, High Or Low): 1211 hrs, ☒ H / 1818 hrs, H / ☒ L

Air Temp 24 °C Wind Spd / Dir 10 kts E Wave Ht 1-2' Bottom Type sand

TOW #: 98 Times (24hrs): Start 1920 End 2000

Tow Start: Latitude N36° 01.836' Longitude W75° 32.640'

Tow End: Latitude N36° 02.718' Longitude W75° 33.063'

Port Net or Starboard Net Starboard Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐

Project Capture # 17 Trawl Effort Capture # 6 By Species: Cc 17 Lk 0 Cm 0

SPECIES L. agassizii (C. caretta) CONDITION Excellent

Straight Carapace Length: 104.8 cm/in Straight Carapace Width: 76.9 cm/in

Curved Carapace Length: 111.4 cm/in Curved Carapace Width: 97.8 cm/in

Plastron Length: 75 cm/in Plastron Width: 77.3 cm/in

Head Width: 21.2 cm/in Weight (if available) _____ kg/lbs

Genetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) Left rear flipper

Photos taken: Yes ☒ No ☐ Scars Present: Damage to carapace (old wound)

Epibionts, Algae or Oil Present? Barnacles on carapace and plastron, algae on carapace, leeches on/in cloaca

PIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒

PREVIOUS TAG ID: PIT _____ Left _____ Right _____

TAGS APPLIED ID: PIT _____ Left MML 911 Right MML 912

RELEASE INFO: CONDITION Excellent

Time 2033 Latitude N36° 03.001' Longitude W75° 29.509'

COMMENTS: Scar in carapace in vertebral scutes; old wound that has healed. Male

Turtle released alive to the sea; swam away from boat upon release.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 05 / 30 / 2017

PROJECT: DARE COUNTY BEACH RESTORATION BORROW SITE: BA-A
 Trawler Effort / Name: #2 Reva Rose Biologist A. Gartin
 Trawling for Dredge(s) Liberty Island Capt(s): Robert Lepton, Clifton Byron
 H2O Temp 20 °C Tide (Time, High Or Low): 1818 hrs, H/L 0027 hrs, H/L
 Air Temp 23 °C Wind Spd / Dir 6 kts S Wave Ht 1-2' Bottom Type sand

TOW #: 102 Times (24hrs): Start 2312 End 2345
 Tow Start: Latitude N 36° 02.580' Longitude W 75° 33.130'
 Tow End: Latitude N 36° 02.360' Longitude W 75° 33.470'
 Port Net or Starboard Net Port Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐
 Project Capture # 18 Trawl Effort Capture # 7 By Species: Cc 18 Lk 0 Cm 0

SPECIES Longerhead (C. caretta) CONDITION Excellent
 Straight Carapace Length: 87.4 cm/in Straight Carapace Width: 76.7 cm/in
 Curved Carapace Length: 94.5 cm/in Curved Carapace Width: 88 cm/in
 Plastron Length: 68.2 cm/in Plastron Width: 65 cm/in
 Head Width: 12.8 cm/in Weight (if available) — kg/lbs

Genetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) Left rear flipper
 Photos taken: Yes ☒ No ☐ Scars Present: None

Epibionts, Algae or Oil Present? Algae on carapace; barnacles on carapace and plastron

PIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒

PREVIOUS TAG ID: PIT — Left — Right —

TAGS APPLIED ID: PIT — Left MML 913 Right MML 914

RELEASE INFO: CONDITION Excellent

Time 0117 Latitude N 36° 03.023' Longitude W 75° 28.753'

COMMENTS: Male. Turtle released alive to the sea; swam away from the boat upon release.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM
COASTWISE CONSULTING, INC.

DATE: 05 / 31 / 17

Project Name: Dare County Beach Restoration USACE District: Dare County
Trawler Name: Jessica Marie Biologist: Carolyn Kilgore
Captain(s): Byrd / O'Bannon Trawling for Dredge: Dodge Island, Liberty Island
H2O Temp 20 °C Tide (Time, High Or Low): 0028 hrs (H) / L 0705 hrs (H) / L Air
Temp 23 °C Wind Spd / Dir 6 @ 2Kts Wave Ht 1' Bottom Type Sand

TOW #: 258 Times (24hrs): Start 0543 End 0613

Tow Start: Latitude 36° 11.289 N Longitude 75° 40.008 W

Tow End: Latitude 36° 11.260 N Longitude 75° 40.158

Port Net or Starboard Net Port Bib Nets: Yes x No Rollers: Yes x No

Project Capture # 19 Trawl Effort # 01 Capture # 12

SPECIES Caretta caretta CONDITION good

Straight Carapace Length: 70 cm/in Straight Carapace Width: 65 cm/in

Curved Carapace Length: 72 cm/in Curved Carapace Width: 69 cm/in

Plastron Length: 53 cm/in Plastron Width: 53 cm/in

Head Width: 13.5 cm/in Weight (if available) kg/lbs

Genetic sample taken: Yes x No Location (which flipper, etc) Right Rear flipper

Photos taken: Yes x No Scars Present: Missing last 1/5" portion of Front Right flipper
completely healed & functional

Epibionts, Algae or Oil Present? 10-15% Barnacle load on carapace

PIT TAG SCAN: Yes x No PREVIOUSLY TAGGED? Yes No x

PREVIOUS TAG ID: PIT Left Right

TAGS APPLIED ID: PIT Left MML 824 Right MML 825

RELEASE INFO: CONDITION Excellent

Time 0951 Latitude 36° 15.401 Longitude 75° 37.667

COMMENTS: Upon release turtle swam away from vessel

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 05 / 31 / 2017

PROJECT: DARE COUNTY BEACH RESTORATION

BORROW SITE: BA-A

Trawler Effort / Name: #2 Reva Rose

Biologist A. Garstin

Trawling for Dredge(s) Liberty Island

Capt(s): Robert Lupton, Clifton Byron

H2O Temp 20 °C Tide (Time, High Or Low): 0704 hrs, H / 1313 hrs, H / L

Air Temp 25 °C Wind Spd / Dir 9 kts S Wave Ht 0-1' Bottom Type sand

TOW #: 115 Times (24hrs): Start 1207 End 1247

Tow Start: Latitude N36° 02.036' Longitude W75° 32.741'

Tow End: Latitude N36° 02.015' Longitude W75° 32.856'

Port Net or Starboard Net Port Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐

Project Capture # 20 Trawl Effort Capture # 8 By Species: Cc 20 Lk 0 Cm 0

SPECIES Loggerhead (C. caretta) CONDITION Excellent

Straight Carapace Length: 98.3 cm/in Straight Carapace Width: 76.4 cm/in

Curved Carapace Length: 109.2 cm/in Curved Carapace Width: 99.7 cm/in

Plastron Length: 78 cm/in Plastron Width: 68.5 cm/in

Head Width: 20.4 cm/in Weight (if available) — kg/lbs

Genetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) Right rear flipper

Photos taken: Yes ☒ No ☐ Scars Present: tag scar in R2, missing part of shell near right rear flipper

Epibionts, Algae or Oil Present? Algae on carapace, barnacles on flippers, carapace and plastron.

PIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☒ No ☐

PREVIOUS TAG ID: PIT — Left PP2501 (L1) Right —

TAGS APPLIED ID: PIT — Left — Right MML915 (R3)

RELEASE INFO: CONDITION Excellent

Time 1418 Latitude N36° 02.800' Longitude W 75° 28.567'

COMMENTS: Missing part of shell near right rear flipper from an old wound that has completely healed. Also missing a portion of the left rear flipper, another old wound that has completely healed.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 06 / 01 / 2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: BA-Trawler Effort / Name: #2 Reva RoseBiologist A. GarstinTrawling for Dredge(s) Liberty IslandCapt(s): Robert Lupton, Clifton ByronH2O Temp 20 °C Tide (Time, High Or Low): 0128 hrs, ☒ H / 0802 hrs, ☒ LAir Temp 23 °C Wind Spd / Dir 10 kts W Wave Ht 1-2' Bottom Type sandTOW #: 137 Times (24hrs): Start 0632 End 0712Tow Start: Latitude N36° 02.818' Longitude W75° 33.186'Tow End: Latitude N36° 01.967' Longitude W75° 32.987'Port Net or Starboard Net Starboard Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐Project Capture # 21 Trawl Effort Capture # 9 By Species: Cc 21 Lk Cm SPECIES loggerhead (C. caretta) CONDITION ExcellentStraight Carapace Length: 94.3 cm/in Straight Carapace Width: 77.1 cm/inCurved Carapace Length: 99.4 cm/in Curved Carapace Width: 91.2 cm/inPlastron Length: 68 cm/in Plastron Width: 66.6 cm/inHead Width: 19.3 cm/in Weight (if available) kg/lbsGenetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) Left rear flipperPhotos taken: Yes ☒ No ☐ Scars Present: Notch in marginals by tailEpibionts, Algae or Oil Present? Algae and barnacles on carapacePIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒PREVIOUS TAG ID: PIT Left Right TAGS APPLIED ID: PIT Left MML916 Right MML917RELEASE INFO: CONDITION ExcellentTime 0815 Latitude N36° 02.842' Longitude W75° 28.861'COMMENTS: Male. Turtle released alive to the sea; swam away from boat upon release.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM
COASTWISE CONSULTING, INC.

DATE: 06 / 01 / 2017

Project Name: Dare County Beach Restoration USACE District: Dare County
Trawler Name: Jessica Marie Biologist Carolyn Kilgore
Captain(s): Byrd O'Bannon Trawling for Dredge Dodge Island, Padre Island
H2O Temp 20 °C Tide (Time, High Or Low): 1418 hrs, (H)/L 2032 hrs, H/(L) Air
Temp 25 °C Wind Spd / Dir SE @ 8 Kts Wave Ht 1-2' Bottom Type Sand

TOW #: 307 Times (24hrs): Start 1627 End 1657
Tow Start: Latitude 36°11.887N Longitude 75°39.795W
Tow End: Latitude 36°11.552N Longitude 75°40.175W
Port Net or Starboard Net Starboard Bib Nets: Yes x No Rollers: Yes x No
Project Capture # 22 Trawl Effort # 01 Capture # 13

SPECIES Caretta caretta CONDITION good
Straight Carapace Length: 104 cm/in Straight Carapace Width: 85 cm/in
Curved Carapace Length: 111.7 cm/in Curved Carapace Width: 97.9 cm/in
Plastron Length: 72.5 cm/in Plastron Width: 68.6 cm/in
Head Width: 22.5 cm/in Weight (if available) kg/lbs

Genetic sample taken: Yes x No Location (which flipper, etc) Right Rear Flipper

Photos taken: Yes x No Scars Present:

Epibionts, Algae or Oil Present? 50% (light) algae, 05% Barnacles on flippers

PIT TAG SCAN: Yes x No PREVIOUSLY TAGGED? Yes No x

PREVIOUS TAG ID: PIT Left Right

TAGS APPLIED ID: PIT Left mmL 826 Right mmL 827

RELEASE INFO: CONDITION good

Time 1742 Latitude 34°14.843 Longitude 75°38.049

COMMENTS: Male.

Turtle swam away from vessel upon release

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 06 / 03 / 2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: BA-CTrawler Effort / Name: #2 Reva RoseBiologist A. GarstinTrawling for Dredge(s) Liberty Island, Dodge Island, Padre IslandCapt(s): Robert Lupton, Clifton ByronH2O Temp 21 °C Tide (Time, High Or Low): 0955 hrs, H / 1620 hrs, ⊙ / LAir Temp 28 °C Wind Spd / Dir 10 kts WSW Wave Ht 0.5-1' Bottom Type sand, siltTOW #: 207 Times (24hrs): Start 1518 End 1558Tow Start: Latitude N36° 11.963' Longitude W75° 39.905'Tow End: Latitude N36° 12.020' Longitude W75° 39.778'Port Net or Starboard Net Port Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐Project Capture # 23 Trawl Effort Capture # 10 By Species: Cc 22 Lk 1 Cm 0SPECIES Kemp's ridley (L. kempi) CONDITION ExcellentStraight Carapace Length: 27 cm/in Straight Carapace Width: 23.9 cm/inCurved Carapace Length: 29.1 cm/in Curved Carapace Width: 29.1 cm/inPlastron Length: 22.1 cm/in Plastron Width: 20 cm/inHead Width: 6.4 cm/in Weight (if available) _____ kg/lbsGenetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) Right rear flipperPhotos taken: Yes ☒ No ☐ Scars Present: Two old wounds, healing, on left front flipper. *see commentsEpibionts, Algae or Oil Present? Algae on head, plastron and carapace; barnacles on plastron and carapacePIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒PREVIOUS TAG ID: PIT _____ Left _____ Right _____TAGS APPLIED ID: PIT _____ Left MML918 (L2) Right MML919 (R2)RELEASE INFO: CONDITION ExcellentTime 1739 Latitude N36° 11.154' Longitude W75° 35.631'COMMENTS: Turtle released in excellent condition; swam away from boat upon release.Fresh abrasions on left front flipper and underneath beak. Turtle extremely active on deck.6 vertebral scutes present.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 06 / 04 / 2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: BA-ATrawler Effort / Name: #2 Reva RoseBiologist A. GarstinTrawling for Dredge(s) Liberty IslandCapt(s): Robert Lupton, Clifton ByrsonH2O Temp 21 °C Tide (Time, High Or Low): 2241 hrs, H ☒ 0433 hrs, ☒ LAir Temp 22 °C Wind Spd / Dir 14 kts E Wave Ht 1-2' Bottom Type Sand, siltTOW #: 217 Times (24hrs): Start 0054 End 0131Tow Start: Latitude N36° 01.380' Longitude W75° 33.080'Tow End: Latitude N36° 01.240' Longitude W75° 33.230'Port Net or Starboard Net Port Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐Project Capture # 24 Trawl Effort Capture # 11 By Species: Cc 23 Lk 1 Cm 0SPECIES Loggerhead (C. caretta) CONDITION ExcellentStraight Carapace Length: 106.5 cm/in Straight Carapace Width: 77.4 cm/inCurved Carapace Length: 109.6 cm/in Curved Carapace Width: 96.3 cm/inPlastron Length: 69.5 cm/in Plastron Width: 73.4 cm/inHead Width: 21.4 cm/in Weight (if available) kg/lbsGenetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) Left rear flipperPhotos taken: Yes ☒ No ☐ Scars Present: Notch in marginals near left rear flipper (completely healed)Epibionts, Algae or Oil Present? Algae on carapace; barnacles on carapace and plastronPIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒PREVIOUS TAG ID: PIT Left Right TAGS APPLIED ID: PIT Left MML920 Right MML921RELEASE INFO: CONDITION ExcellentTime 0313 Latitude N36° 02.978' Longitude W75° 28.905'COMMENTS: Male. Turtle released alive to the sea; swam away from the boat upon release.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 06 / 04 / 2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: BA-CTrawler Effort / Name: Jessica Marie, Effort 01Biologist Carlynn KilgoreTrawling for Dredge(s) Padre Island, Dodge IslandCapt(s): Byrd/O'BannonH2O Temp 21 °C Tide (Time, High Or Low): 0430 hrs, H / L 1045 hrs, H (L)Air Temp 22 °C Wind Spd / Dir W @ 5-7 Kts Wave Ht 2' Bottom Type sandTOW #: 352 Times (24hrs): Start 0643 End 0713Tow Start: Latitude 36°12.132 Longitude 75°40.236Tow End: Latitude 36°12.377 Longitude 75°40.049Port Net or Starboard Net Port Bib Nets: Yes x No Rollers: Yes x No Project Capture # 25 Trawl Effort Capture # 14 By Species: Cc 14 Lk 0 Cm 0SPECIES C. caretta CONDITION goodStraight Carapace Length: 89 cm/in Straight Carapace Width: 60 cm/inCurved Carapace Length: 92.3 cm/in Curved Carapace Width: 80 cm/inPlastron Length: 64 cm/in Plastron Width: 60 cm/inHead Width: 19 cm/in Weight (if available) kg/lbsGenetic sample taken: Yes x No Location (which flipper, etc) Right Rear flipperPhotos taken: Yes x No Scars Present: Epibionts, Algae or Oil Present? 10% algaePIT TAG SCAN: Yes x No PREVIOUSLY TAGGED? Yes No xPREVIOUS TAG ID: PIT Left Right TAGS APPLIED ID: PIT Left MML 828 Right MML 829RELEASE INFO: CONDITION excellentTime 0843 Latitude 36°15.274 Longitude 75°37.720COMMENTS: Male. Turtle swam away from vessel upon release.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 06 / 05 / 2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: BA-ATrawler Effort / Name: #2 Reva RoseBiologist A. GustinTrawling for Dredge(s) Liberty IslandCapt(s): Robert Lupton, Clifton ByronH2O Temp 19 °C Tide (Time, High Or Low): 0526 hrs, H / L 1130 hrs, H (L)Air Temp 25 °C Wind Spd / Dir 17 kts SW Wave Ht 1-2' Bottom Type sandTOW #: 255Times (24hrs): Start 0808 End 0848Tow Start: Latitude N36° 01.385'Longitude W75° 32.829'Tow End: Latitude N36° 01.356'Longitude W75° 33.225'Port Net or Starboard Net Port Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐Project Capture # 26 Trawl Effort Capture # 12 By Species: Cc 25 Lk 1 Cm 0SPECIES Loggerhead (C. caretta) CONDITION ExcellentStraight Carapace Length: 93.2 cm/in Straight Carapace Width: 77 cm/inCurved Carapace Length: 101.6 cm/in Curved Carapace Width: 92.8 cm/inPlastron Length: 66 cm/in Plastron Width: 69 cm/inHead Width: 17.1 cm/in Weight (if available) — kg/lbsGenetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) Left rear flipperPhotos taken: Yes ☒ No ☐ Scars Present: NoneEpibionts, Algae or Oil Present? Algae and barnacles on carapace and plastronPIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒PREVIOUS TAG ID: PIT — Left — Right —TAGS APPLIED ID: PIT — Left MML922 (L2) Right MML923 (R2)RELEASE INFO: CONDITION ExcellentTime 0929 Latitude N36° 02.777' Longitude W75° 28.955'COMMENTS: Turtle released alive to the sea; swam away from boat upon release.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 06 / 05 / 2017

PROJECT: DARE COUNTY BEACH RESTORATION

BORROW SITE: BA-A

Trawler Effort / Name: #2 Reva Rose

Biologist A. Garstin

Trawling for Dredge(s) Liberty Island

Capt(s): Robert Lupton, Clifton Byron

H2O Temp 19 °C Tide (Time, High Or Low): 1130 hrs, H 1756 hrs, BY L

Air Temp 26 °C Wind Spd / Dir 18 kts S Wave Ht 3-4' Bottom Type Sand

TOW #: 267 Times (24hrs): Start 1744 End 1824

Tow Start: Latitude N 36° 00.903' Longitude W 75° 32.835'

Tow End: Latitude N 36° 01.797' Longitude W 75° 33.276'

Port Net or Starboard Net Starboard Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐

Project Capture # 27 Trawl Effort Capture # 13 By Species: Cc 26 Lk 1 Cm 0

SPECIES Loggerhead (C. caretta) CONDITION Excellent

Straight Carapace Length: 79.2 cm/in Straight Carapace Width: 63.6 cm/in

Curved Carapace Length: 85.5 cm/in Curved Carapace Width: 83.4 cm/in

Plastron Length: 60.7 cm/in Plastron Width: 55.6 cm/in

Head Width: 16 cm/in Weight (if available) _____ kg/lbs

Genetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) Right rear flipper

Photos taken: Yes ☒ No ☐ Scars Present: None

Epibionts, Algae or Oil Present? Algae on carapace; barnacles on carapace and plastron

PIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒

PREVIOUS TAG ID: PIT _____ Left _____ Right _____

TAGS APPLIED ID: PIT _____ Left MML924 (L2) Right MML925 (R2)

RELEASE INFO: CONDITION Excellent

Time 1855 Latitude N 36° 03.242' Longitude W 75° 28.708'

COMMENTS: Turtle released alive to the sea; swam away from the boat upon release.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 06 / 06 / 2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: BA-CTrawler Effort / Name: 01 Jessica MarieBiologist Carolyn KilgoreTrawling for Dredge(s) Paclre Island, Dodge Island, LibertyCapt(s): Byrd / O'BannonH2O Temp 19 °C Tide (Time, High Or Low): 1833 hrs (H) L 0108 hrs, H (L)Air Temp 22 °C Wind Spd / Dir N @ 10 Kts Wave Ht 2' Bottom Type sandTOW #: 438 Times (24hrs): Start 2052 End 2124Tow Start: Latitude 36° 11.741 Longitude 75° 40.388Tow End: Latitude 36° 11.409 Longitude 75° 40.275Port Net or Starboard Net Port Bib Nets: Yes x No Rollers: Yes x No Project Capture # 28 Trawl Effort Capture # 15 By Species: Cc 15 Lk 0 Cm 0SPECIES C. caretta CONDITION goodStraight Carapace Length: 90 cm/in Straight Carapace Width: 82 cm/inCurved Carapace Length: 94 cm/in Curved Carapace Width: 89.5 cm/inPlastron Length: cm/in Plastron Width: cm/inHead Width: 18 cm/in Weight (if available) kg/lbsGenetic sample taken: Yes x No Location (which flipper, etc) Right Bear flipperPhotos taken: Yes x No Scars Present: Healed trauma to R+ center scut/carapace
*See commentsEpibionts, Algae or Oil Present? 10% Barnacle load, 25% algaePIT TAG SCAN: Yes x No PREVIOUSLY TAGGED? Yes No xPREVIOUS TAG ID: PIT Left Right TAGS APPLIED ID: PIT Left MML 835 Right MML 834RELEASE INFO: CONDITION good - swam away from vesselTime 2308 Latitude 36° 15.141 Longitude 75° 37.604COMMENTS: Healed trauma/fracture on right center of carapace. Turtle
healthy, robust, & active. *No plastron measurement, did not want to put
unnecessary pressure on healed fracture.
Male.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 06 / 06 / 2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: BA-CTrawler Effort / Name: 01 Jessica MarieBiologist Carolyn KilgoreTrawling for Dredge(s) Padre Island, Dodge Island, LibertyCapt(s): Byrd / O'BannonH2O Temp 19 °C Tide (Time, High Or Low): 1833 hrs, (H) L 0108 hrs, H (L)Air Temp 22 °C Wind Spd / Dir W @ 10 Kts Wave Ht 2' Bottom Type SandTOW #: 438 Times (24hrs): Start 2032 End 2124Tow Start: Latitude 36° 11.741 Longitude 75° 40.388Tow End: Latitude 36° 11.409 Longitude 75° 40.275Port Net or Starboard Net Starboard Bib Nets: Yes x No Rollers: Yes x No Project Capture # 29 Trawl Effort Capture # 16 By Species: Cc 16 Lk 0 Cm 0SPECIES C. caretta CONDITION goodStraight Carapace Length: 78 cm/in Straight Carapace Width: 74 cm/inCurved Carapace Length: 82.6 cm/in Curved Carapace Width: 76 cm/inPlastron Length: 54 cm/in Plastron Width: 53 cm/inHead Width: 15 cm/in Weight (if available) kg/lbsGenetic sample taken: Yes x No Location (which flipper, etc) Left Rear FlipperPhotos taken: Yes x No Scars Present: NONEEpibionts, Algae or Oil Present? 10-15% Barnacle loadPIT TAG SCAN: Yes x No PREVIOUSLY TAGGED? Yes No xPREVIOUS TAG ID: PIT Left Right TAGS APPLIED ID: PIT Left MMML 832 Right MMML 833RELEASE INFO: CONDITION good - swim away from vesselTime 2308 Latitude 36° 15.141 Longitude 75° 37.604COMMENTS:

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 6 / 11 / 17PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: ATrawler Effort / Name: 2 / Reva RoseBiologist Lisa RodriguezTrawling for Dredge(s) Liberty IslandCapt(s): Robert Lythan, Clifton ByronH2O Temp 20 °C Tide (Time, High Or Low): _____ hrs, H / L _____ hrs, H / LAir Temp 21 °C Wind Spd / Dir 3-5 kts SW Wave Ht 0-1 Bottom Type SandTOW #: 364 Times (24hrs): Start 0515 End 0552Tow Start: Latitude 36 02.33 Longitude 75 32.79Tow End: Latitude 36 02.37 Longitude 75 32.97Port Net or Starboard Net Port Bib Nets: Yes ☒ No _____ Rollers: Yes ☒ No _____Project Capture # 30 Trawl Effort Capture # 14 By Species: Cc 13 Lk 1 Cm _____SPECIES C. caretta CONDITION OKStraight Carapace Length: 74.0 cm/in Straight Carapace Width: 58.0 cm/inCurved Carapace Length: 81.8 cm/in Curved Carapace Width: 77.0 cm/inPlastron Length: 57.4 cm/in Plastron Width: 62.4 cm/inHead Width: 13.6 cm/in Weight (if available) _____ kg/lbsGenetic sample taken: Yes ☒ No _____ Location (which flipper, etc) Right RearPhotos taken: Yes ☒ No _____ Scars Present: Missing distal 1/4 of FRFEpibionts, Algae or Oil Present? Some algae, moderate amt barnaclesPIT TAG SCAN: Yes ☒ No _____ PREVIOUSLY TAGGED? Yes _____ No ☒

PREVIOUS TAG ID: PIT _____ Left _____ Right _____

TAGS APPLIED ID: PIT _____ Left MML 926 Right MML 927

RELEASE INFO: CONDITION _____

Time 0622 Latitude 36 02 937 Longitude 75 29 808

COMMENTS: _____

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 06 / 12 / 17PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: BA-CTrawler Effort / Name: 01 - JESSICA MARIEBiologist AIR FRYETrawling for Dredge(s) DODGE, PADRE, LIBERTY ISLAND Capt(s): BYRD / O'BRIENH2O Temp 21 °C Tide (Time, High Or Low): 1000 hrs, ☒ L hrs, H / LAir Temp 24 °C Wind Spd / Dir WSW 5-10 Wave Ht 1-2' Bottom Type SANDTOW #: 535 Times (24hrs): Start 0810 End 0849Tow Start: Latitude 36° 11.262 N Longitude 75° 40.307 WTow End: Latitude 36° 11.651 N Longitude 75° 40.339 WPort Net or Starboard Net STARBOARD Bib Nets: Yes ☒ No Rollers: Yes ☒ No Project Capture # 31 Trawl Effort Capture # 17 By Species: Cc 17 Lk - Cm -SPECIES C. CARETTA CONDITION EXCELLENTStraight Carapace Length: 86.8 cm/in Straight Carapace Width: 67.4 cm/inCurved Carapace Length: 91.3 cm/in Curved Carapace Width: 85.8 cm/inPlastron Length: 68.9 cm/in Plastron Width: 61.2 cm/inHead Width: 15.3 cm/in Weight (if available) ~180 kg(lbs)Genetic sample taken: Yes ☒ No Location (which flipper, etc) RIGHT REAR FLIPPERPhotos taken: Yes ☒ No Scars Present: NOEpibionts, Algae or Oil Present? YES, EPIBIONTS AND ALGAE ARE PRESENT.PIT TAG SCAN: Yes ☒ No PREVIOUSLY TAGGED? Yes No ☒PREVIOUS TAG ID: PIT N/A Left N/A Right N/ATAGS APPLIED ID: PIT N/A Left MML 836 Right MML 837RELEASE INFO: CONDITION EXCELLENTTime 1028 Latitude 36° 15.483 N Longitude 75° 37.978COMMENTS: C. CARETTA WAS RELEASED IN GOOD CONDITION,
AND SWAM BRISKLY TO THE EAST UPON RELOCATION.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 6 / 12 / 17PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: ATrawler Effort / Name: 2 / Reva RoseBiologist Lisa RodriguezTrawling for Dredge(s) Liberty IslandCapt(s): Robert Lupton, Clifton ByronH2O Temp 20 °C Tide (Time, High Or Low): _____ hrs, H / L _____ hrs, H / LAir Temp 24 °C Wind Spd / Dir 0-5kts shifting Wave Ht 1-2 Bottom Type SandTOW #: 404 Times (24hrs): Start 0906 End 0936Tow Start: Latitude 36 02 965 Longitude 75 33 096Tow End: Latitude 36 01 645 Longitude 75 32 720Port Net or Starboard Net Port Bib Nets: Yes ☒ No _____ Rollers: Yes ☒ No _____Project Capture # 32 Trawl Effort Capture # 15 By Species: Cc 14 Lk 1 Cm -SPECIES C. caretta CONDITION Very GoodStraight Carapace Length: 930 cm/in Straight Carapace Width: 73.6 cm/inCurved Carapace Length: 100.9 cm/in Curved Carapace Width: 93.4 cm/inPlastron Length: 73.0 cm/in Plastron Width: 82.3 cm/inHead Width: 17.5 cm/in Weight (if available) _____ kg/lbsGenetic sample taken: Yes ☒ No _____ Location (which flipper, etc) Right RearPhotos taken: Yes ☒ No _____ Scars Present: _____Epibionts, Algae or Oil Present? Algae, small amt barnaclesPIT TAG SCAN: Yes ☒ No _____ PREVIOUSLY TAGGED? Yes _____ No ☒

PREVIOUS TAG ID: PIT _____ Left _____ Right _____

TAGS APPLIED ID: PIT _____ Left MML928 Right MML929RELEASE INFO: CONDITION Very GoodTime 1009 Latitude 36 02 398 Longitude 75 29 595

COMMENTS: _____

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 6 / 12 / 17PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: ATrawler Effort / Name: 2 / Reva RoseBiologist Lisa RodriguezTrawling for Dredge(s) Liberty IslandCapt(s): Clifton Byron, Robert LuptonH2O Temp 21 °C Tide (Time, High Or Low): _____ hrs, H / L _____ hrs, H / LAir Temp 26 °C Wind Spd / Dir 5 kts SE Wave Ht 0-1 Bottom Type SandTOW #: 414 Times (24hrs): Start 1607 End 1637Tow Start: Latitude 36 00 716 Longitude 75 32 866Tow End: Latitude 36 01 411 Longitude 75 33 269Port Net or Starboard Net Starboard Bib Nets: Yes _____ No ☒ Rollers: Yes ☒ No _____Project Capture # 33 Trawl Effort Capture # 16 By Species: Cc 15 Lk 1 Cm 0SPECIES C. caretta CONDITION Very GoodStraight Carapace Length: 90.1 cm/in Straight Carapace Width: 64.7 cm/inCurved Carapace Length: 95.1 cm/in Curved Carapace Width: 87.7 cm/inPlastron Length: 69.4 cm/in Plastron Width: 74.3 cm/inHead Width: 18.2 cm/in Weight (if available) _____ kg/lbsGenetic sample taken: Yes ☒ No _____ Location (which flipper, etc) Right RearPhotos taken: Yes ☒ No _____ Scars Present: ØEpibionts, Algae or Oil Present? Some algae, small amt barnaclesPIT TAG SCAN: Yes ☒ No _____ PREVIOUSLY TAGGED? Yes _____ No ☒

PREVIOUS TAG ID: PIT _____ Left _____ Right _____

TAGS APPLIED ID: PIT _____ Left MML930 Right MML931RELEASE INFO: CONDITION Very GoodTime 1725 Latitude 36 01 956 Longitude 75 28 913COMMENTS: Elongated tail; young male

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 6 / 13 / 17PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: ATrawler Effort / Name: 2 / Reva RoseBiologist Lisa RodriguezTrawling for Dredge(s) Liberty IslandCapt(s): Clifton Byron, Robert LuptonH2O Temp 20 °C Tide (Time, High Or Low): _____ hrs, H / L _____ hrs, H / LAir Temp 28 °C Wind Spd / Dir 5-10kts Wave Ht 0-1 Bottom Type SandTOW #: 437 Times (24hrs): Start 1314 End 1344Tow Start: Latitude 36 01 116 Longitude 75 33 268Tow End: Latitude 36 02 357 Longitude 75 32 869Port Net or Starboard Net Starboard Bib Nets: Yes ☒ No _____ Rollers: Yes ☒ No _____Project Capture # 34 Trawl Effort Capture # 17 By Species: Cc 16 Lk 1 Cm 0SPECIES C. caretta CONDITION Very GoodStraight Carapace Length: 79.4 cm/in Straight Carapace Width: 59.4 cm/inCurved Carapace Length: 81.1 cm/in Curved Carapace Width: 82.6 cm/inPlastron Length: 60.6 cm/in Plastron Width: 69.9 cm/inHead Width: 15.0 cm/in Weight (if available) _____ kg/lbsGenetic sample taken: Yes ☒ No _____ Location (which flipper, etc) Right RearPhotos taken: Yes ☒ No _____ Scars Present: Posterior carapaces scutes turn upEpibionts, Algae or Oil Present? Algae, few barnacles (see photos)PIT TAG SCAN: Yes ☒ No _____ PREVIOUSLY TAGGED? Yes _____ No ☒

PREVIOUS TAG ID: PIT _____ Left _____ Right _____

TAGS APPLIED ID: PIT _____ Left MML932 Right MML933RELEASE INFO: CONDITION Very GoodTime 1425 Latitude 36 02 693 Longitude 75 28 932COMMENTS: Elongated Tail, male

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 06 / 15 / 17

PROJECT: DARE COUNTY BEACH RESTORATION

BORROW SITE: BORROW AREA C

Trawler Effort / Name: 01 JESSICA MARIE

Biologist ALB FRYE

Trawling for Dredge(s) DODGE, PADRE & LIBERTY ISLAND

Capt(s): ROBERSON/SEAMAN

H2O Temp 20.8 °C Tide (Time, High Or Low): 0607 hrs, H / (L) - hrs, H / L

Air Temp 21 °C Wind Spd / Dir N ~ 5 KTS Wave Ht 1-2' Bottom Type SAND

TOW #: 6.5 Times (24hrs): Start 0450 End 0530

Tow Start: Latitude 36° 11.192 N Longitude 75° 40.124 W

Tow End: Latitude 36° 11.498 N Longitude 75° 40.100 W

Port Net or Starboard Net PORT Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐

Project Capture # 35 Trawl Effort Capture # 18 By Species: Cc ☐ Lk 2 Cm ☐

SPECIES L. KEMPII CONDITION EXCELLENT

Straight Carapace Length: 19.4 cm/in Straight Carapace Width: 17.6 cm/in

Curved Carapace Length: 20.2 cm/in Curved Carapace Width: 21.6 cm/in

Plastron Length: 16.5 cm/in Plastron Width: 15.3 cm/in

Head Width: 4.9 cm/in Weight (if available) ~2 kg/lbs

Genetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) LEFT REAR FLIPPER

Photos taken: Yes ☒ No ☐ Scars Present: NO

Epibionts, Algae or Oil Present? MINIMAL EPIBIONTS AND ALGAE PRESENT

PIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒

PREVIOUS TAG ID: PIT N/A Left N/A Right N/A

TAGS APPLIED ID: PIT NONE Left NONE Right NONE

RELEASE INFO: CONDITION EXCELLENT

Time 0811 Latitude 36° 15.549 N Longitude 75° 37.975 W

COMMENTS: L. KEMPII WAS DETERMINED TO BE TOO SMALL TO TAG.

TAG APPLICATION WAS CONSIDERED TO BE DETRIMENTAL TO THE TURTLE'S

MOBILITY AND SURVIVAL. L. KEMPII WAS IN EXCELLENT CONDITION AT

TIME OF RELEASE, AND QUICKLY SWAM SW UPON RELOCATION.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 6 / 16 / 17PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: ATrawler Effort / Name: 2 / Reva RoseBiologist L. RodriguezTrawling for Dredge(s) Liberty IslandCapt(s): Robert Lupton, Clifton ByronH2O Temp 20 °C Tide (Time, High Or Low): _____ hrs, H / L _____ hrs, H / LAir Temp 22 °C Wind Spd / Dir 0-3 kts SE Wave Ht 0-2 ft swell Bottom Type SandTOW #: 538 Times (24hrs): Start 1032 End 1103Tow Start: Latitude 36 01 160 Longitude 75 33 634Tow End: Latitude 36 00 932 Longitude 75 33 221Port Net or Starboard Net Port Bib Nets: Yes ☒ No _____ Rollers: Yes ☒ No _____Project Capture # 36 Trawl Effort Capture # 18 By Species: Cc 17 Lk 1 Cm 0SPECIES C. caretta CONDITION Very GoodStraight Carapace Length: 78.0 cm/in Straight Carapace Width: 64.5 cm/inCurved Carapace Length: 89.9 cm/in Curved Carapace Width: 84.1 cm/inPlastron Length: 65.8 cm/in Plastron Width: 70.2 cm/inHead Width: 14.5 cm/in Weight (if available) _____ kg/lbsGenetic sample taken: Yes ☒ No _____ Location (which flipper, etc) Right RearPhotos taken: Yes ☒ No _____ Scars Present: Notch out of trailing edge of RFFEpibionts, Algae or Oil Present? Algae, moderate amt barnaclesPIT TAG SCAN: Yes ☒ No _____ PREVIOUSLY TAGGED? Yes _____ No ☒

PREVIOUS TAG ID: PIT _____ Left _____ Right _____

TAGS APPLIED ID: PIT _____ Left MML934 Right MML935RELEASE INFO: CONDITION Very GoodTime 1135 Latitude 36 02 272 Longitude 75 30 043COMMENTS: Swam vigorously away with a 1 flipper salute

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 06 / 16 / 2017

PROJECT: DARE COUNTY BEACH RESTORATION

BORROW SITE: BA-A

Trawler Effort / Name: #2 Debra Rose

Biologist A. Garstin

Trawling for Dredge(s) Liberty Island

Capt(s): Robert Lupton, Clifton Byron

H2O Temp 22.5 °C Tide (Time, High Or Low): 1314 hrs, H / L 1915 hrs, H / L

Air Temp 24 °C Wind Spd / Dir 10 kts SE Wave Ht 1' Bottom Type Sand

TOW #: 544 Times (24hrs): Start 1549 End 1629

Tow Start: Latitude N36° 00.751' Longitude W75° 33.507'

Tow End: Latitude N36° 01.956' Longitude W75° 32.887'

Port Net or Starboard Net Starboard Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐

Project Capture # 37 Trawl Effort Capture # 19 By Species: Cc 35 Lk 2 Cm 0

SPECIES Loggerhead (C. caretta) CONDITION Excellent

Straight Carapace Length: 77 cm/in Straight Carapace Width: 62.8 cm/in

Curved Carapace Length: 84.7 cm/in Curved Carapace Width: 82 cm/in

Plastron Length: 61.4 cm/in Plastron Width: 53.3 cm/in

Head Width: 14.9 cm/in Weight (if available) kg/lbs

Genetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) Left rear flipper

Photos taken: Yes ☒ No ☐ Scars Present: Portion of shell missing near right rear flipper, completely healed

Epibionts, Algae or Oil Present? Algae and barnacles on carapace, barnacles on plastron

PIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒

PREVIOUS TAG ID: PIT Left Right

TAGS APPLIED ID: PIT Left MML936 (L2) Right MML937 (R2)

RELEASE INFO: CONDITION Excellent

Time 1835 Latitude N36° 02.382' Longitude W75° 29.640'

COMMENTS: Turtle released alive to the sea; swam away from boat upon release.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 06 / 18 / 17PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: DA-CTrawler Effort / Name: 01- JESSICA MARIEBiologist ALD FRYETrawling for Dredge(s) DODGE & PADRE ISLANDCapt(s): SEAMAN / ROBERSONH2O Temp 22.7 °C Tide (Time, High Or Low): 0209 hrs, H/L - hrs, H/LAir Temp 24 °C Wind Spd / Dir SSW 10-15 Wave Ht 2-3' Bottom Type SANDTOW #: 702 Times (24hrs): Start 0300 End 0340Tow Start: Latitude 36° 11.177 N Longitude 75° 40.038 WTow End: Latitude 36° 11.257 N Longitude 75° 40.011 WPort Net or Starboard Net PORT Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐Project Capture # 38 Trawl Effort Capture # 19 By Species: Cc 36 Lk Cm SPECIES C. CARETTA CONDITION GOODStraight Carapace Length: 57.4 cm/in Straight Carapace Width: 50.3 cm/inCurved Carapace Length: 62.9 cm/in Curved Carapace Width: 58.0 cm/inPlastron Length: 46.2 cm/in Plastron Width: 45.4 cm/inHead Width: 11.8 cm/in Weight (if available) ~35 kg/lbsGenetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) LEFT REAR FLIPPERPhotos taken: Yes ☒ No ☐ Scars Present: NOEpibionts, Algae or Oil Present? MODERATE TO HIGH DEGREE OF EPIBIONTS PRESENTPIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒PREVIOUS TAG ID: PIT N/A Left - Right -TAGS APPLIED ID: PIT NONE Left MML 838 Right MML 839RELEASE INFO: CONDITION GOODTime 0815 Latitude 36° 15.730 N Longitude 75° 37.787 WCOMMENTS: C. CARETTA WAS RELEASED IN GOOD CONDITION,
AND SWAM QUICKLY TO THE SOUTH UPON RELOCATION.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 06 / 18 / 2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: BA-ATrawler Effort / Name: #2 Reva RoseBiologist A. GarstinTrawling for Dredge(s) Liberty IslandCapt(s): Robert Lupton, Clifton ByronH2O Temp 23 °C Tide (Time, High Or Low): 0213 hrs, ☒ L 0845 hrs, H ☐Air Temp 26 °C Wind Spd / Dir 12 kts S Wave Ht 1-2' Bottom Type SandTOW #: 590 Times (24hrs): Start 0516 End 0553Tow Start: Latitude N36° 01.590' Longitude W75° 32.810'Tow End: Latitude N36° 01.280' Longitude W75° 33.210'Port Net or Starboard Net Starboard Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐Project Capture # 39 Trawl Effort Capture # 20 By Species: Cc 37 Lk 2 Cm 0SPECIES loggerhead (C. caretta) CONDITION ExcellentStraight Carapace Length: 97.3 cm/in Straight Carapace Width: 74.1 cm/inCurved Carapace Length: 104.1 cm/in Curved Carapace Width: 92.3 cm/inPlastron Length: 71.7 cm/in Plastron Width: 67.2 cm/inHead Width: 19 cm/in Weight (if available) — kg/lbsGenetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) left rear flipperPhotos taken: Yes ☒ No ☐ Scars Present: old, completely healed damage by nuclear scuteEpibionts, Algae or Oil Present? Barnacles and algae on carapacePIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒PREVIOUS TAG ID: PIT — Left — Right —TAGS APPLIED ID: PIT — Left MML 938 (L2) Right MML 939 (R2)RELEASE INFO: CONDITION ExcellentTime 0710 Latitude N36° 01.604' Longitude W75° 29.411'COMMENTS: Turtle released alive to the sea, swam away from the boat upon release.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 06 / 18 / 17

PROJECT: DARE COUNTY BEACH RESTORATION BORROW SITE: BA-C

Trawler Effort / Name: 01 - JESSICA MARIE Biologist ALB FRYE

Trawling for Dredge(s) DODGE & PADRE ISLAND Capt(s): ROBERSON / SEAMAN

H2O Temp 22.7 °C Tide (Time, High Or Low): 0834 hrs, H / ① - hrs, H / L

Air Temp 26 °C Wind Spd / Dir SW 10 KTS Wave Ht 2-3' Bottom Type SAND

TOW #: 708 Times (24hrs): Start 0953 End 1033

Tow Start: Latitude 36° 11.867 N Longitude 75° 39.795 W

Tow End: Latitude 36° 11.681 N Longitude 75° 40.436 W

Port Net or Starboard Net PORT Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐

Project Capture # 40 Trawl Effort Capture # 20 By Species: Cc ☐ Lk ☐ Cm ☐ Dc 01

SPECIES D. CORIACEA CONDITION EXCELLENT

Straight Carapace Length: 136.8 cm/in Straight Carapace Width: 82.4 cm/in

Curved Carapace Length: 143.9 cm/in Curved Carapace Width: 99.5 cm/in

Plastron Length: SEE COMMENTS cm/in Plastron Width: SEE COMMENTS cm/in

Head Width: 21.6 cm/in Weight (if available) ~500 kg/lbs

Genetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) RIGHT REAR FLIPPER

Photos taken: Yes ☒ No ☐ Scars Present: NO

Epibionts, Algae or Oil Present? NO

PIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒

PREVIOUS TAG ID: PIT N/A Left - Right -

TAGS APPLIED ID: PIT NONE Left MML 840 Right MML 841

RELEASE INFO: CONDITION EXCELLENT

Time 1226 Latitude 36° 15.878 N Longitude 75° 38.263 W

COMMENTS: PLASTRON MEASUREMENTS WERE UNAVAILABLE DUE TO

THE SIZE OF THE ANIMAL. D. CORIACEA WAS RELEASED IN

EXCELLENT CONDITION, AND SWAM RAPIDLY TO THE WEST

UPON RELOCATION.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 06 / 23 / 17PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: BA-ATrawler Effort / Name: 01 - JESSICA MARIEBiologist: ATB FIZETrawling for Dredge(s) LIBERTY ISLANDCapt(s): ROBINSON / SEAMANH2O Temp 22.5 °C Tide (Time, High Or Low): 1316 hrs, H / L - hrs, H / LAir Temp 27 °C Wind Spd / Dir SW 10-15 Wave Ht 2' Bottom Type SANDTOW #: 842 Times (24hrs): Start 1134 End 1214Tow Start: Latitude 36° 00.977 N Longitude 75° 32.849 WTow End: Latitude 36° 01.155 N Longitude 75° 33.293 WPort Net or Starboard Net STBD Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐Project Capture # 41 Trawl Effort Capture # 21 By Species: Cc 38 Lk Cm SPECIES C. CARETTA CONDITION GOODStraight Carapace Length: 85.6 cm/in Straight Carapace Width: 65.3 cm/inCurved Carapace Length: 92.2 cm/in Curved Carapace Width: 82.9 cm/inPlastron Length: 66.8 cm/in Plastron Width: 60.2 cm/inHead Width: 17.4 cm/in Weight (if available) ~200 kg/lbsGenetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) RIGHT REAR FLIPPERPhotos taken: Yes ☒ No ☐ Scars Present: SEE COMMENTSEpibionts, Algae or Oil Present? HIGH DEGREE OF EPIBIONTS AND ALGAE PRESENTPIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒PREVIOUS TAG ID: PIT N/A Left N/A Right N/ATAGS APPLIED ID: PIT 989001006613496 Left SEE COMMENTS Right N/ARELEASE INFO: CONDITION GOODTime 1721 Latitude 36° 02.909 N Longitude 75° 28.572 WCOMMENTS: C. CARETTA WAS MISSING MOST OF THE LEFT FRONT FLIPPER.THE WOUND HAD HEALED COMPLETELY. NO INCONEL TAG WAS APPLIED TOWHAT REMAINED OF THE APPENDAGE. A PIT TAG WAS APPLIED TO THE RIGHTSHOULDER. C. CARETTA WAS RELEASED IN GOOD CONDITION, AND SWAM SW UPON RELOCATION.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 06 / 28 / 17PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: BA-1ATrawler Effort / Name: 01 - JESSICA MARIEBiologist KIR FRYETrawling for Dredge(s) LIBERTY ISLANDCapt(s): ROMERSON / SEAMANH2O Temp 22.9 °C Tide (Time, High Or Low): 0544 hrs, H / 1145 hrs, Ⓛ / LAir Temp 26 °C Wind Spd / Dir NE 10-15 Wave Ht 2-3' Bottom Type SANDTOW #: 986 Times (24hrs): Start 0853 End 0932Tow Start: Latitude 36° 00.762 N Longitude 75° 33.396 WTow End: Latitude 36° 00.963 N Longitude 75° 33.161 WPort Net or Starboard Net PORT Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐Project Capture # 42 Trawl Effort Capture # 22 By Species: Cc 39 Lk Cm SPECIES C. CARETTA CONDITION GOODStraight Carapace Length: 81.2 cm/in Straight Carapace Width: 63.7 cm/inCurved Carapace Length: 86.9 cm/in Curved Carapace Width: 82.6 cm/inPlastron Length: 63.7 cm/in Plastron Width: 61.4 cm/inHead Width: 17.8 cm/in Weight (If available) ~200 kg/lbsGenetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) LEFT REAR FLIPPERPhotos taken: Yes ☒ No ☐ Scars Present: NOEpibionts, Algae or Oil Present? MODERATE EPIBIONTS PRESENTPIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒PREVIOUS TAG ID: PIT N/A Left N/A Right N/ATAGS APPLIED ID: PIT 989001006613535 Left MML 843 Right MML 845RELEASE INFO: CONDITION GOODTime 1104 Latitude 35° 58.133 N Longitude 75° 30.542 WCOMMENTS: C. CARETTA WAS RELEASED IN CONDITION, ANDSWAM SSW UPON RELOCATION. PIT TAG WAS APPLIEDTO THE RIGHT SHOULDER.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 06 / 28 / 2017

PROJECT: DARE COUNTY BEACH RESTORATION BORROW SITE: BA-A
Trawler Effort / Name: 01- Jessica Marie Biologist Tu Tran
Trawling for Dredge(s) Liberty Island Capt(s): Roberson / Seaman
H2O Temp 22.9 °C Tide (Time, High Or Low): 0544 hrs, H / L 2358 hrs, H / L
Air Temp 26.0 °C Wind Spd / Dir NEC 5-10 Wave Ht 2-3' Bottom Type sand

TOW #: 996 Times (24hrs): Start 1850 End 1930
Tow Start: Latitude N 36° 00.527 Longitude W 75° 32.909
Tow End: Latitude N 36° 00.738 Longitude W 75° 33.202
Port Net or Starboard Net Port Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐

Project Capture # 43 Trawl Effort Capture # 23 By Species: Cc 40 Lk Cm

SPECIES C. carretta CONDITION Good

Straight Carapace Length: 58.3 cm/in Straight Carapace Width: 53.9 cm/in

Curved Carapace Length: 64.2 cm/in Curved Carapace Width: 60.5 cm/in

Plastron Length: 47.0 cm/in Plastron Width: 51.0 cm/in

Head Width: 12.1 cm/in Weight (if available) N/A kg/lbs

Genetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) Right

Photos taken: Yes ☒ No ☐ Scars Present: No

Epibionts, Algae or Oil Present? No

PIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒

PREVIOUS TAG ID: PIT N/A Left N/A Right N/A

TAGS APPLIED ID: PIT 9890010010613543 Left MM L 846 Right MM L 847

RELEASE INFO: CONDITION Good

Time 2103 Latitude N 35° 57.756 Longitude W 75° 30.822

COMMENTS: C. carretta was released in good condition. PIT tag was applied to right shoulder.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 06 / 29 / 2017

PROJECT: DARE COUNTY BEACH RESTORATION

BORROW SITE: BA-A

Trawler Effort / Name: #2 Reva Rose

Biologist A. Garstin

Trawling for Dredge(s) Dodge Island, Liberty Island, Parlee Island

Capt(s): George Sprinkle, Josh Taylor

H2O Temp 23.2 °C Tide (Time, High Or Low): 0012 hrs, ☒ H / 0642 hrs, ☒ L

Air Temp 22 °C Wind Spd / Dir 7 kts SE Wave Ht 0' Bottom Type Sand

TOW #: 870 Times (24hrs): Start 0546 End 0626

Tow Start: Latitude N36° 02.689' Longitude W75° 32.755'

Tow End: Latitude N36° 01.334' Longitude W75° 32.875'

Port Net or Starboard Net Starboard Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐

Project Capture # 44 Trawl Effort Capture # 21 By Species: Cc 41 Lk 2 Cm 0 Dc 01

SPECIES Loggerhead (C. caretta) CONDITION Excellent

Straight Carapace Length: 86.8 cm/in Straight Carapace Width: 68.3 cm/in

Curved Carapace Length: 92.2 cm/in Curved Carapace Width: 83.4 cm/in

Plastron Length: 64.4 cm/in Plastron Width: 59.2 cm/in

Head Width: 18.6 cm/in Weight (if available) — kg/lbs

Genetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) Left rear flipper

Photos taken: Yes ☒ No ☐ Scars Present: None

Epibionts, Algae or Oil Present? Barnacles on head, carapace and plastron; algae on carapace and plastron

PIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒

PREVIOUS TAG ID: PIT — Left — Right —

TAGS APPLIED ID: PIT 989 0010 06613491 Left MML940 (L2) Right MML941 (R2)

RELEASE INFO: CONDITION Excellent

Time 0707 Latitude N36° 58.202' Longitude W75° 31.059'

COMMENTS: PIT placed in right front shoulder.

Turtle released alive to the sea; swam away from the boat upon release.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 06 / 30 / 2017

PROJECT: DARE COUNTY BEACH RESTORATION

BORROW SITE: BA-A

Trawler Effort / Name: # 2 Reva Rose

Biologist A. Carstin

Trawling for Dredge(s) Dodge Island, Liberty Island, Padre Island Capt(s): George Sprinkle, Josh Taylor

H2O Temp 23 °C Tide (Time, High Or Low): 0732 hrs, H ☒ 1405 hrs, ☒ L

Air Temp 27 °C Wind Spd / Dir 9 kts S Wave Ht 0.5-1' Bottom Type sand

TOW #: 905 Times (24hrs): Start 1055 End 1135

Tow Start: Latitude N36° 01.379' Longitude W75° 32.868'

Tow End: Latitude N36° 00.795' Longitude W75° 33.518'

Port Net or Starboard Net Port Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐

Project Capture # 45 Trawl Effort Capture # 22 By Species: Cc 41 Lk 2 Cm 0 Dc 2

SPECIES Leatherback (D. coriacea) CONDITION Excellent

Straight Carapace Length: 145 cm/in Straight Carapace Width: 80.8 cm/in

Curved Carapace Length: 152 cm/in Curved Carapace Width: 101.9 cm/in

Plastron Length: cm/in Plastron Width: cm/in

Head Width: 20.8 cm/in Weight (if available) kg/lbs

Genetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) Right rear flipper

Photos taken: Yes ☒ No ☐ Scars Present: None

Epibionts, Algae or Oil Present? Remora found with turtle

PIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒

PREVIOUS TAG ID: PIT Left Right

TAGS APPLIED ID: PIT 989 0010 066 13511 Left MML942 (LR) Right MML943 (RR)

RELEASE INFO: CONDITION Excellent

Time 1330 Latitude N36° 58.289' Longitude W75° 28.576'

COMMENTS: Turtle released alive to the sea, swam away from the boat upon release. PIT placed in right front shoulder.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 07 / 01 / 2017

PROJECT: DARE COUNTY BEACH RESTORATION

BORROW SITE: BA-A

Trawler Effort / Name: #2 Reva Rose

Biologist A. Garstin

Trawling for Dredge(s) Dodge Island, Liberty Island, Padre Island

Capt(s): George Sprinkle, Josh Taylor

H2O Temp 23.3 °C Tide (Time, High Or Low): 0200 hrs, ☒ H / ☐ L 0824 hrs, H ☐ L ☒

Air Temp 26 °C Wind Spd / Dir 12 kts SSW Wave Ht 1-2' Bottom Type Sand

TOW #: 922 Times (24hrs): Start 0129 End 0206

Tow Start: Latitude N36° 02.502' Longitude W75° 32.523'

Tow End: Latitude N36° 00.709' Longitude W75° 32.942'

Port Net or Starboard Net Starboard Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐

Project Capture # 46 Trawl Effort Capture # 23 By Species: Cc 41 Lk 2 Cm 0 Dc 3

SPECIES Leatherback (D. coriacea) CONDITION Excellent

Straight Carapace Length: 136.6 cm/in Straight Carapace Width: 72.2 cm/in

Curved Carapace Length: 145.0 cm/in Curved Carapace Width: 101.7 cm/in

Plastron Length: cm/in Plastron Width: cm/in

Head Width: 20.5 cm/in Weight (if available) kg/lbs

Genetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) Left rear flipper

Photos taken: Yes ☒ No ☐ Scars Present: Piece of right front flipper missing, completely healed

Epibionts, Algae or Oil Present? Algae on carapace

PIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒

PREVIOUS TAG ID: PIT Left Right

TAGS APPLIED ID: PIT 9890010 066 13473 Left MML 946 (LR) Right MML 947 (RR)

RELEASE INFO: CONDITION Excellent

Time 0320 Latitude N35° 57.247' Longitude W75° 31.394'

COMMENTS: PIT placed in right front shoulder.

Turtle released alive to the sea; swam away from the boat upon release.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 07 / 01 / 2017

PROJECT: DARE COUNTY BEACH RESTORATION BORROW SITE: BA-A

Trawler Effort / Name: #2 Reva Rose Biologist A. Gerstin

Trawling for Dredge(s) Dodge Island, Liberty Island, Packer Island Capt(s): George Sprinkle, Josh Taylor

H2O Temp 23.3 °C Tide (Time, High Or Low): 0200 hrs, H / L 0824 hrs, H / L

Air Temp 26 °C Wind Spd / Dir 12 kts SSW Wave Ht 1-2' Bottom Type Sand

TOW #: 922 Times (24hrs): Start 0129 End 0206

Tow Start: Latitude N36° 02.502' Longitude W75° 32.523'

Tow End: Latitude N36° 00.709' Longitude W75° 32.942'

Port Net or Starboard Net Port Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐

Project Capture # 47 Trawl Effort Capture # 24 By Species: Cc 42 Lk 2 Cm 0 Dc 3

SPECIES Loggerhead (C. caretta) CONDITION Excellent

Straight Carapace Length: 79.3 cm/in Straight Carapace Width: 65.6 cm/in

Curved Carapace Length: 84.8 cm/in Curved Carapace Width: 71.8 cm/in

Plastron Length: 72.7 cm/in Plastron Width: 60.0 cm/in

Head Width: 15.9 cm/in Weight (if available) — kg/lbs

Genetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) Left rear flipper

Photos taken: Yes ☒ No ☐ Scars Present: Two pieces of flipper missing completely healed →

Epibionts, Algae or Oil Present? Algae on carapace, barnacles on carapace and plastron

PIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒

PREVIOUS TAG ID: PIT — Left — Right —

TAGS APPLIED ID: PIT 989 0010 166 13497 Left MML944 (L2) Right MML945 (R1)

RELEASE INFO: CONDITION Excellent

Time 0320 Latitude N35° 57.247' Longitude W75° 31.394'

COMMENTS: PIT placed in right front shoulder.

Turtle released alive to the sea; swam away from the boat upon release.

→ one piece of flipper missing from each side (front left and front right)

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 07 / 01 / 2017

PROJECT: DARE COUNTY BEACH RESTORATION BORROW SITE: BA-A

Trawler Effort / Name: #2 Reva Rose Biologist A. Garstin

Trawling for Dredge(s) Dodge Island, Liberty Island, Padre Island Capt(s): George Sprinkle, Josh Taylor

H2O Temp 23.3 °C Tide (Time, High Or Low): 0824 hrs, H / 1506 hrs, H / L

Air Temp 27 °C Wind Spd / Dir 10 kts SSW Wave Ht 2' Bottom Type Sand

TOW #: 931 Times (24hrs): Start 0940 End 1020

Tow Start: Latitude N36° 00.510' Longitude W75° 32.905'

Tow End: Latitude N36° 01.648' Longitude W75° 33.518'

Port Net or Starboard Net Port Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐

Project Capture # 48 Trawl Effort Capture # 25 By Species: Cc 43 Lk 2 Cm 0 Dc 3

SPECIES Loggerhead (C. caretta) CONDITION Excellent

Straight Carapace Length: 79.0 cm/in Straight Carapace Width: 55.3 cm/in

Curved Carapace Length: 85.5 cm/in Curved Carapace Width: 78.8 cm/in

Plastron Length: 61.6 cm/in Plastron Width: 57.0 cm/in

Head Width: 15.5 cm/in Weight (if available) — kg/lbs

Genetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) Left rear flipper

Photos taken: Yes ☒ No ☐ Scars Present: None

Epibionts, Algae or Oil Present? Algae on carapace; barnacles on carapace and plastron

PIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒

PREVIOUS TAG ID: PIT — Left — Right —

TAGS APPLIED ID: PIT 989 0010 066 13525 Left MML948 (L2) Right MML949 (R2)

RELEASE INFO: CONDITION Excellent

Time 1108 Latitude N36° 01.386' Longitude W75° 29.151'

COMMENTS: PIT placed in right front shoulder.

Turtle released alive to the sea; swam away from the boat upon release.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 01 / July / 2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: BA-ATrawler Effort / Name: Jessica MarieBiologist Tu TronTrawling for Dredge(s) Liberty IslandCapt(s): M. ByrdH2O Temp 23.1 °C Tide (Time, High Or Low): _____ hrs, H / L _____ hrs, H / LAir Temp _____ °C Wind Spd / Dir SE 5-10 kts Wave Ht 2-3' Bottom Type sandTOW #: 1054 Times (24hrs): Start 1012 End 1054Tow Start: Latitude N 36° 00.488 Longitude W 75° 33.037Tow End: Latitude N 36° 01.941 Longitude W 75° 32.618Port Net or Starboard Net Port Bib Nets: Yes ☒ No _____ Rollers: Yes ☒ No _____Project Capture # 49 Trawl Effort Capture # 24 By Species: Cc 44 Lk _____ Cm _____SPECIES C. caretta CONDITION GoodStraight Carapace Length: 94.3 cm/in Straight Carapace Width: 74.9 cm/inCurved Carapace Length: 104.6 cm/in Curved Carapace Width: 91.5 cm/inPlastron Length: N/A cm/in Plastron Width: N/A cm/inHead Width: 21 cm/in Weight (if available) N/A kg/lbsGenetic sample taken: Yes ☒ No _____ Location (which flipper, etc) Rear LeftPhotos taken: Yes ☒ No _____ Scars Present: NoEpibionts, Algae or Oil Present? NoPIT TAG SCAN: Yes ☒ No _____ PREVIOUSLY TAGGED? Yes _____ No ☒

PREVIOUS TAG ID: PIT _____ Left _____ Right _____

TAGS APPLIED ID: PIT 989001006613477 Left MML 848 Right MML 849RELEASE INFO: CONDITION GoodTime 1228 Latitude N 35° 01.290 Longitude W 75° 29.009

COMMENTS: _____

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 02 July 2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: ATrawler Effort / Name: Jessica MarieBiologist Tu TranTrawling for Dredge(s) Liberty IslandCapt(s): M. ByrdH2O Temp 23.2 °C Tide (Time, High Or Low): N/A hrs, H / L N/A hrs, H / LAir Temp 24 °C Wind Spd / Dir SE 5-10 Wave Ht 2.3' Bottom Type sandTOW #: 1074 Times (24hrs): Start 0444 End 0524Tow Start: Latitude N36° 01.904 Longitude W75° 32.794Tow End: Latitude N36° 01.209 Longitude W75° 33.281Port Net or Starboard Net Starboard Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐Project Capture # 50 Trawl Effort Capture # 25 By Species: Cc 45 Lk Cm SPECIES C. caretta CONDITION GoodStraight Carapace Length: 89.4 cm/in Straight Carapace Width: 76.2 cm/inCurved Carapace Length: 94.9 cm/in Curved Carapace Width: 89.1 cm/inPlastron Length: 66.2 cm/in Plastron Width: 64.3 cm/inHead Width: 17.1 cm/in Weight (if available) N/A kg/lbsGenetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) rear rightPhotos taken: Yes ☒ No ☐ Scars Present: NOEpibionts, Algae or Oil Present? NOPIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒PREVIOUS TAG ID: PIT N/A Left Right TAGS APPLIED ID: PIT 989001006613506 Left MML 850 Right MML 851RELEASE INFO: CONDITION GoodTime 0940 Latitude N36° 01.260 Longitude W75° 29.018COMMENTS: Released in Good condition.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 03 / July / 2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: BA-ATrawler Effort / Name: Jessica MarieBiologist Tu TranTrawling for Dredge(s) Liberty IslandCapt(s): ByrdH2O Temp 23.9 °C Tide (Time, High Or Low): N/A hrs, H / L N/A hrs, H / LAir Temp 26 °C Wind Spd / Dir SE 5 kts Wave Ht 1-2' Bottom Type sandTOW #: 1106 Times (24hrs): Start 1049 End 1131Tow Start: Latitude N36° 00.463 Longitude W 75° 33.118Tow End: Latitude N36° 01.549 Longitude W 75° 33.145Port Net or Starboard Net Starboard Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐Project Capture # 51 Trawl Effort Capture # 26 By Species: Cc 46 Lk Cm SPECIES C. caretta CONDITION GoodStraight Carapace Length: 86.8 cm/in Straight Carapace Width: 68.3 cm/inCurved Carapace Length: 92.2 cm/in Curved Carapace Width: 83.4 cm/inPlastron Length: 64.4 cm/in Plastron Width: 59.2 cm/inHead Width: 18.6 cm/in Weight (if available) N/A kg/lbsGenetic sample taken: Yes ☐ No ☒ Location (which flipper, etc) N/APhotos taken: Yes ☒ No ☐ Scars Present: NoEpibionts, Algae or Oil Present? NoPIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☒ No ☐PREVIOUS TAG ID: PIT 989 0010 06613491 Left MML 940 Right MML 941TAGS APPLIED ID: PIT N/A Left N/A Right N/ARELEASE INFO: CONDITION GoodTime 1245 Latitude N36° 01.549 Longitude W 76° 27.474COMMENTS: Project # 44 Recapture

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 07 / 04 / 2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: BA-1Trawler Effort / Name: # 2 Reva RoseBiologist: Michael M. InciracyTrawling for Dredge(s) Dodge, Liberty & Padre IslandCapt(s): George SprinkleH2O Temp 23.9 °C Tide (Time, High Or Low): _____ hrs, H / L _____ hrs, H / LAir Temp 101 °C Wind Spd / Dir 8-12 SE Wave Ht 1-2' Bottom Type sandTOW #: 1012 Times (24hrs): Start 0254 End 0330Tow Start: Latitude 36° 02.383 Longitude 75° 33.543Tow End: Latitude 36° 00.761 Longitude 75° 33.345Port Net or Starboard Net Port Bib Nets: Yes ☒ No _____ Rollers: Yes ☒ No _____Project Capture # 52 Trawl Effort Capture # 26 By Species: Cc 22 Lk 1 Cm 0 Oc 3SPECIES D. Corinacea (Leathery) CONDITION GoodStraight Carapace Length: 138 cm/in Straight Carapace Width: 83 cm/inCurved Carapace Length: — cm/in Curved Carapace Width: — cm/inPlastron Length: 121.3 cm/in Plastron Width: 114.1 cm/inHead Width: 29 cm/in Weight (if available) — kg/lbsGenetic sample taken: Yes ☒ No _____ Location (which flipper, etc) Right rear flipperPhotos taken: Yes ☒ No _____ Scars Present: NoEpibionts, Algae or Oil Present? NoPIT TAG SCAN: Yes ☒ No _____ PREVIOUSLY TAGGED? Yes _____ No ☒PREVIOUS TAG ID: PIT — Left — Right —TAGS APPLIED ID: PIT 988 001006613471 Left MM L 951 Right MM L 950RELEASE INFO: CONDITION GoodTime 0434 Latitude 35° 56.982 Longitude 75° 31.248COMMENTS: Measurements taken with turtle still in net.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 07/04/2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: BA-ATrawler Effort / Name: #2 Reva RoseBiologist Michael McEnaneyTrawling for Dredge(s) Dodge, Liberty and Padre IslandCapt(s): Nash TaylorH2O Temp 23.9 °C Tide (Time, High Or Low): _____ hrs, H/L _____ hrs, H/LAir Temp 23.9 °C Wind Spd / Dir 2-4 NE Wave Ht 0-1' Bottom Type SandTOW #: 1036 Times (24hrs): Start 2315 End 2354Tow Start: Latitude 36° 02.562 Longitude 75° 32.486Tow End: Latitude 36° 00.993 Longitude 75° 32.738Port Net or Starboard Net STBD Bib Nets: Yes ☒ No _____ Rollers: Yes ☒ No _____Project Capture # 53 Trawl Effort Capture # 27 By Species: Cc 22 Lk 1 Cm 0 4SPECIES D. Coriacea CONDITION GoodStraight Carapace Length: 148.1 cm/in ^{leather back} Straight Carapace Width: 83.5 cm/inCurved Carapace Length: 153.3 cm/in Curved Carapace Width: 138 cm/in

Plastron Length: _____ cm/in Plastron Width: _____ cm/in

Head Width: 25.8 cm/in Weight (if available) _____ kg/lbsGenetic sample taken: Yes ☒ No _____ Location (which flipper, etc) left rear flipperPhotos taken: Yes ☒ No _____ Scars Present: NoEpibionts, Algae or Oil Present? NoPIT TAG SCAN: Yes ☒ No _____ PREVIOUSLY TAGGED? Yes ☒ No _____PREVIOUS TAG ID: PIT 982000362000947 Left T87757 Right T62169

TAGS APPLIED ID: PIT _____ Left _____ Right _____

RELEASE INFO: CONDITION GoodTime 0131 Latitude 35° 55.986 Longitude 75° 27.967

COMMENTS: _____

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 7/06/2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: ATrawler Effort / Name: 2 - Rev. RoseBiologist Michael M. IacozzyTrawling for Dredge(s) Patric and Liberty IslandCapt(s): George SprinkleH2O Temp 24.1 °C Tide (Time, High Or Low): _____ hrs, H / L _____ hrs, H / LAir Temp 25.5 °C Wind Spd / Dir 2-4 SE Wave Ht 0-1' Bottom Type SandTOW #: 1069 Times (24hrs): Start 0416 End 0455Tow Start: Latitude 36° 01.514 Longitude 75° 32.679Tow End: Latitude 36° 00.404 Longitude 75° 33.309Port Net or Starboard Net Port Bib Nets: Yes ☒ No _____ Rollers: Yes ☒ No _____Project Capture # 54 Trawl Effort Capture # 28 By Species: Cc 47 Lk 2 Cm 0 & 5SPECIES C. Caretta CONDITION GoodStraight Carapace Length: 83 cm/in Straight Carapace Width: 88.5 cm/inCurved Carapace Length: 67 cm/in Curved Carapace Width: 85.2 cm/inPlastron Length: 62.4 cm/in Plastron Width: 62.2 cm/inHead Width: 17.7 cm/in Weight (if available) _____ kg/lbsGenetic sample taken: Yes ☒ No _____ Location (which flipper, etc) Left rear FlipperPhotos taken: Yes ☒ No _____ Scars Present: NoEpibionts, Algae or Oil Present? BarnaclesPIT TAG SCAN: Yes ☒ No _____ PREVIOUSLY TAGGED? Yes _____ No ☒

PREVIOUS TAG ID: PIT _____ Left _____ Right _____

TAGS APPLIED ID: PIT 989001006613532 Left MML 9.52 Right MML 9.53RELEASE INFO: CONDITION GoodTime 0558 Latitude 35° 56.669 Longitude 75° 31.368

COMMENTS: _____

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 06 / July / 2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: ATrawler Effort / Name: Jessica MarieBiologist Tu TranTrawling for Dredge(s) Liberty IslandCapt(s): M. ByrdH2O Temp 24.1 °C Tide (Time, High Or Low): N/A hrs, H / L N/A hrs, H / LAir Temp 26 °C Wind Spd / Dir SE 5-10 kts Wave Ht 1-2' Bottom Type sandTOW #: 1181 Times (24hrs): Start 0556 End 0649Tow Start: Latitude N36° 01.262 Longitude W 75° 33.270Tow End: Latitude N36° 02.933 Longitude W 75° 33.170Port Net or Starboard Net Starboard Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐Project Capture # 55 Trawl Effort Capture # 27 By Species: Cc 47 Lk 2 Cm 0SPECIES D. coriacea (Leatherback) CONDITION GoodDc 6Straight Carapace Length: N/A cm/in Straight Carapace Width: N/A cm/inCurved Carapace Length: 149 cm/in Curved Carapace Width: 121 cm/inPlastron Length: N/A cm/in Plastron Width: N/A cm/inHead Width: 22 cm/in Weight (if available) N/A kg/lbsGenetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) Front LeftPhotos taken: Yes ☒ No ☐ Scars Present: NoEpibionts, Algae or Oil Present? NoPIT TAG SCAN: Yes ☒ No ☐PREVIOUSLY TAGGED? Yes ☐ No ☒PREVIOUS TAG ID: PIT N/A Left Right TAGS APPLIED ID: PIT 089001006013510 Left MML 852 Right MML 853RELEASE INFO: CONDITION GoodTime 0747 Latitude N36° 05.474 Longitude W 75° 29.098COMMENTS:

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 06 July 2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: ATrawler Effort / Name: Jessica MarieBiologist Ta TienTrawling for Dredge(s) Liberty IslandCapt(s): M. ByrdH2O Temp 24.1 °C Tide (Time, High Or Low): N/A hrs, H / L N/A hrs, H / LAir Temp 87 °C Wind Spd / Dir SE 5-10 mph Wave Ht 1.2' Bottom Type sandTOW #: 1184 Times (24hrs): Start 1040 End 1122Tow Start: Latitude N 36° 00.971 Longitude W 75° 33.327Tow End: Latitude N 36° 02.468 Longitude W 75° 32.498Port Net or Starboard Net Port Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐Project Capture # 56 Trawl Effort Capture # 28 By Species: Cc 48 Lk 2 Cm 0SPECIES Cc (Loggerhead) CONDITION GoodStraight Carapace Length: 63.8 cm/in Straight Carapace Width: 60.2 cm/inCurved Carapace Length: 70.4 cm/in Curved Carapace Width: 67.1 cm/inPlastron Length: 51.8 cm/in Plastron Width: 50.7 cm/inHead Width: 13.8 cm/in Weight (if available) N/A kg/lbsGenetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) Both leftPhotos taken: Yes ☒ No ☐ Scars Present: NoEpibionts, Algae or Oil Present? NoPIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒PREVIOUS TAG ID: PIT N/A Left Right TAGS APPLIED ID: PIT 989001006613472 Left MML 854 Right MML 855RELEASE INFO: CONDITION GoodTime 1215 Latitude N 36° 05.577 Longitude W 75° 29.136COMMENTS:

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 7/08/2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: BA-ATrawler Effort / Name: 2 Raven RoseBiologist Michael McInerneyTrawling for Dredge(s) Dodge, Liberty and Padre Island Capt(s): George SprinkleH2O Temp 23.9 °C Tide (Time, High Or Low): _____ hrs, H / L _____ hrs, H / LAir Temp 32 °C Wind Spd / Dir 15-18 SW Wave Ht 1-2' Bottom Type SandTOW #: 1139 Times (24hrs): Start 1317 End 1357Tow Start: Latitude 36° 01.14 Longitude 75° 33.48Tow End: Latitude 36° 00.61 Longitude 75° 32.93Port Net or Starboard Net Starboard Bib Nets: Yes ☒ No _____ Rollers: Yes ☒ No _____Project Capture # 57 Trawl Effort Capture # 29 By Species: Cc 49 Lk 2 Cm 906SPECIES C. Caracotta CONDITION GoodStraight Carapace Length: 88 cm/in Straight Carapace Width: 65 cm/inCurved Carapace Length: 95.2 cm/in Curved Carapace Width: 93.4 cm/inPlastron Length: 67.4 cm/in Plastron Width: 61.4 cm/inHead Width: 17.8 cm/in Weight (if available) _____ kg/lbsGenetic sample taken: Yes ☒ No _____ Location (which flipper, etc) Left rear flipperPhotos taken: Yes ☒ No _____ Scars Present: NoEpibionts, Algae or Oil Present? BarnaclesPIT TAG SCAN: Yes ☒ No _____ PREVIOUSLY TAGGED? Yes _____ No ☒

PREVIOUS TAG ID: PIT _____ Left _____ Right _____

TAGS APPLIED ID: PIT 789001006613475 Left MML 954 Right MML 955RELEASE INFO: CONDITION GoodTime 1439 Latitude 35° 56.873 Longitude 75° 31.331

COMMENTS: _____

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 7/09/2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: ATrawler Effort / Name: 2 REVA ROSEBiologist Michael McInerneyTrawling for Dredge(s) Dodge, Liberty and Port Island Capt(s): Gorge SprinkleH2O Temp 23.9 °C Tide (Time, High Or Low): _____ hrs, H / L _____ hrs, H / LAir Temp 24.4 °C Wind Spd / Dir 5 WSW Wave Ht 0-1' Bottom Type SandTOW #: 1153 Times (24hrs): Start 0438 End 0515Tow Start: Latitude 36°00.54 Longitude 75°33.48Tow End: Latitude 36°01.60 Longitude 75°33.24Port Net or Starboard Net Port Bib Nets: Yes ☒ No _____ Rollers: Yes ☒ No _____Project Capture # 58 Trawl Effort Capture # 30 By Species: Cc 49 Lk 2 Cm 0 or 07SPECIES O. Coriacea CONDITION GoodStraight Carapace Length: 137 cm/in Straight Carapace Width: 77 cm/inCurved Carapace Length: 146.4 cm/in Curved Carapace Width: 102.2 cm/in

Plastron Length: _____ cm/in Plastron Width: _____ cm/in

Head Width: 23.5 cm/in Weight (if available) _____ kg/lbsGenetic sample taken: Yes ☒ No _____ Location (which flipper, etc) Left rear FlipperPhotos taken: Yes ☒ No _____ Scars Present: NoEpibionts, Algae or Oil Present? BarnaclesPIT TAG SCAN: Yes ☒ No _____ PREVIOUSLY TAGGED? Yes _____ No ☒

PREVIOUS TAG ID: PIT _____ Left _____ Right _____

TAGS APPLIED ID: PIT 989001006613556 Left MML 956 Right MML 957RELEASE INFO: CONDITION GoodTime 0622 Latitude 35°57.201 Longitude 75°31.046

COMMENTS: _____

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 09 / July / 2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: ATrawler Effort / Name: Jessica MarieBiologist Tu TranTrawling for Dredge(s) Liberty IslandCapt(s): M. ByrdH2O Temp 24.1 °C Tide (Time, High Or Low): N/A hrs, H / L N/A hrs, H / LAir Temp 27 °C Wind Spd / Dir NW 5 kts Wave Ht 1-2' Bottom Type sandTOW #: 1269 Times (24hrs): Start 1358 End 1440Tow Start: Latitude N36° 01.200 Longitude W 75° 33.124Tow End: Latitude N36° 02.794 Longitude W 75° 33.298Port Net or Starboard Net Port Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐Project Capture # 59 Trawl Effort Capture # 29 By Species: Cc 50 Lk 2 Cm 0SPECIES C. caretta (Loggerhead) CONDITION Good DL 7Straight Carapace Length: 97.1 cm/in Straight Carapace Width: 76.2 cm/inCurved Carapace Length: 99.4 cm/in Curved Carapace Width: 90.8 cm/inPlastron Length: N/A cm/in Plastron Width: N/A cm/inHead Width: 19 cm/in Weight (if available) ≈ 400 lbs kg/lbsGenetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) Right LeftPhotos taken: Yes ☒ No ☐ Scars Present: NoEpibionts, Algae or Oil Present? NoPIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒PREVIOUS TAG ID: PIT N/A Left Right TAGS APPLIED ID: PIT 9890010010613527 Left MML 856 Right MML 857RELEASE INFO: CONDITION GoodTime 1531 Latitude N36° 04.272 Longitude W 75° 28.796COMMENTS: Very large male.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 7/10/2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: ATrawler Effort / Name: 2 Raven RascBiologist Michael McInerneyTrawling for Dredge(s) Liberty IslandCapt(s): Nash TaylorH2O Temp 24.3 °C Tide (Time, High Or Low): _____ hrs, H / L _____ hrs, H / LAir Temp 27.11 °C Wind Spd / Dir 12 SSW Wave Ht 1-2' Bottom Type SandTOW #: 1204 Times (24hrs): Start 2250 End 2337Tow Start: Latitude 36° 00.80 Longitude 75° 00.88Tow End: Latitude 36° 32.78 Longitude 75° 33.56Port Net or Starboard Net STBD Bib Nets: Yes ☒ No _____ Rollers: Yes ☒ No _____Project Capture # 60 Trawl Effort Capture # 31 By Species: Cc 50 Lk 2 Cm PA08SPECIES D. Coriacea CONDITION GoodStraight Carapace Length: 150 cm/in Straight Carapace Width: 95.5 cm/inCurved Carapace Length: 155.8 cm/in Curved Carapace Width: 116.2 cm/in

Plastron Length: _____ cm/in Plastron Width: _____ cm/in

Head Width: 25.7 cm/in Weight (if available) _____ kg/lbsGenetic sample taken: Yes ☒ No _____ Location (which flipper, etc) Left rear FlipperPhotos taken: Yes ☒ No _____ Scars Present: Old scar, forward top of carapaceEpibionts, Algae or Oil Present? BarnaclesPIT TAG SCAN: Yes ☒ No _____ PREVIOUSLY TAGGED? Yes ☒ No _____PREVIOUS TAG ID: PIT _____ Left T36138 Right _____TAGS APPLIED ID: PIT 989 0010 0661 3512 Left MML 958 Right MML 959RELEASE INFO: CONDITION GoodTime 0058 Latitude 35° 56.588 Longitude 75° 31.331

COMMENTS: _____

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 7/11/2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: ATrawler Effort / Name: 2 Reva RoseBiologist Michael McInerneyTrawling for Dredge(s) Liberty IslandCapt(s): George SprinkleH2O Temp 24.3 °C Tide (Time, High Or Low): _____ hrs, H / L _____ hrs, H / LAir Temp 27 °C Wind Spd / Dir 12 SW Wave Ht 1-2' Bottom Type SandTOW #: 1207 Times (24hrs): Start 0338 End 0416Tow Start: Latitude 36° 00.48 Longitude 75° 33.16Tow End: Latitude 36° 02.37 Longitude 75° 33.52Port Net or Starboard Net Port Bib Nets: Yes ☒ No _____ Rollers: Yes ☒ No _____Project Capture # 61 Trawl Effort Capture # 32 By Species: Cc 50 Lk 2 Cm 0009SPECIES DiCarriacea CONDITION GoodStraight Carapace Length: 160 cm/in Straight Carapace Width: 98 cm/inCurved Carapace Length: 169.2 cm/in Curved Carapace Width: 114.5 cm/inPlastron Length: — cm/in Plastron Width: — cm/inHead Width: 26.1 cm/in Weight (if available) — kg/lbsGenetic sample taken: Yes ☒ No _____ Location (which flipper, etc) Left rear flipperPhotos taken: Yes ☒ No _____ Scars Present: NoEpibionts, Algae or Oil Present? BarnaclesPIT TAG SCAN: Yes ☒ No _____ PREVIOUSLY TAGGED? Yes _____ No ☒PREVIOUS TAG ID: PIT — Left — Right —TAGS APPLIED ID: PIT 989001006613541 Left MML 960 Right MML 961RELEASE INFO: CONDITION GoodTime 0548 Latitude 35° 56.847 Longitude 75° 31.336COMMENTS: 35° 56.847The turtle was released in good condition, swimming across the surface for a few seconds before diving.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 11 / July / 2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: ATrawler Effort / Name: Jessica MarieBiologist Tu TranTrawling for Dredge(s) Liberty IslandCapt(s): M. ByrdH2O Temp 24.3 °C Tide (Time, High Or Low): _____ hrs, H / L _____ hrs, H / LAir Temp 26 °C Wind Spd / Dir WE 5-10 kts Wave Ht 1-2' Bottom Type sandTOW #: 1316 Times (24hrs): Start 0819 End 0902Tow Start: Latitude N 36° 01.603 Longitude W 75° 32.677Tow End: Latitude N 36° 00.749 Longitude W 75° 33.496Port Net or Starboard Net Starboard Bib Nets: Yes ☒ No _____ Rollers: Yes ☒ No _____Project Capture # 62 Trawl Effort Capture # 30 By Species: Cc 51 Lk 2 Cm 0
De 9SPECIES C. caretta CONDITION GoodStraight Carapace Length: 84.1 cm/in Straight Carapace Width: 74.7 cm/inCurved Carapace Length: 89.9 cm/in Curved Carapace Width: 88.1 cm/inPlastron Length: N/A cm/in Plastron Width: N/A cm/inHead Width: 19 cm/in Weight (If available) ≈ 300 kg/lbsGenetic sample taken: Yes ☒ No _____ Location (which flipper, etc) Rear LeftPhotos taken: Yes ☒ No _____ Scars Present: NOEpibionts, Algae or Oil Present? NOPIT TAG SCAN: Yes ☒ No _____ PREVIOUSLY TAGGED? Yes _____ No ☒PREVIOUS TAG ID: PIT N/A Left _____ Right _____TAGS APPLIED ID: PIT 989001006613547 Left MML 858 Right MML 859RELEASE INFO: CONDITION GoodTime 0958 Latitude N 35° 58.246 Longitude W 75° 29.679COMMENTS: Specimen was released in good condition.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 7/12/2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: ATrawler Effort / Name: 2 Reva RoseBiologist Michael McInerneyTrawling for Dredge(s) Liberty + Pedro IslandCapt(s): George SprinkleH2O Temp 24.3 °C Tide (Time, High Or Low): _____ hrs, H / L _____ hrs, H / LAir Temp 27.7 °C Wind Spd / Dir 17 SSW Wave Ht 1-2' Bottom Type SandTOW #: 1231 Times (24hrs): Start 23.59 End 00.37Tow Start: Latitude 36° 02.03 Longitude 75° 32.59Tow End: Latitude 36° 00.42 Longitude 75° 32.95Port Net or Starboard Net STBD Bib Nets: Yes ☒ No _____ Rollers: Yes ☒ No _____Project Capture # 63 Trawl Effort Capture # 33 By Species: Cc 51 Lk 2 Cm 0010SPECIES O. Coriacea CONDITION GoodStraight Carapace Length: 145 cm/in Straight Carapace Width: 81.1 cm/inCurved Carapace Length: 148.6 cm/in Curved Carapace Width: 111.5 cm/in

Plastron Length: _____ cm/in Plastron Width: _____ cm/in

Head Width: 22.8 cm/in Weight (if available) _____ kg/lbsGenetic sample taken: Yes ☒ No _____ Location (which flipper, etc) Left rear FlipperPhotos taken: Yes ☒ No _____ Scars Present: NoEpibionts, Algae or Oil Present? BarnaclesPIT TAG SCAN: Yes ☒ No _____ PREVIOUSLY TAGGED? Yes _____ No ☒

PREVIOUS TAG ID: PIT _____ Left _____ Right _____

TAGS APPLIED ID: PIT 989001006613562 Left MML 962 Right MML 963RELEASE INFO: CONDITION GoodTime 0145 Latitude 35° 56.904 Longitude 75° 31.057COMMENTS: The turtle was released in good condition, swimming down and away from the boat.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 15 / July / 2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: ATrawler Effort / Name: Jessica MarieBiologist Tu TranTrawling for Dredge(s) Liberty/Padre IslandCapt(s): N. ByrdH2O Temp 24.3 °C Tide (Time, High Or Low): N/A hrs, H / L N/A hrs, H / LAir Temp 28 °C Wind Spd / Dir NWE 5 kts Wave Ht 2.3' Bottom Type sandTOW #: 1429 Times (24hrs): Start 1123 End 1205Tow Start: Latitude N 36° 01.746 Longitude W 75° 33.283Tow End: Latitude N 36° 01.220 Longitude W 75° 33.151Port Net or Starboard Net Starboard Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐Project Capture # 64 Trawl Effort Capture # 31 By Species: Cc 51 Lk 2 Cm 0SPECIES Caretta CONDITION GoodStraight Carapace Length: 53.4 cm/in Straight Carapace Width: 47.1 cm/inCurved Carapace Length: 57.7 cm/in Curved Carapace Width: 56.2 cm/inPlastron Length: 42.3 cm/in Plastron Width: 38.8 cm/inHead Width: 11.9 cm/in Weight (if available) ≈ 50 kg/lbsGenetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) Rear RightPhotos taken: Yes ☒ No ☐ Scars Present: 1/3 Rear Left flipper missing, old scar.Epibionts, Algae or Oil Present? NoPIT TAG SCAN: Yes ☒ No ☐PREVIOUSLY TAGGED? Yes ☐ No ☒PREVIOUS TAG ID: PIT N/A Left Right TAGS APPLIED ID: PIT 989001006613479 Left MML 860 Right MML 861RELEASE INFO: CONDITION GoodTime 1251 Latitude N 36° 01.532 Longitude W 75° 28.003COMMENTS: Specimen released alive and in good condition.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 16 July 2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: ATrawler Effort / Name: Jessica MarieBiologist Tu TranTrawling for Dredge(s) Liberty / Padre IslandCapt(s): M. ByrdH2O Temp 24.3 °C Tide (Time, High Or Low): N/A hrs, H / L _____ hrs, H / L _____Air Temp 25 °C Wind Spd / Dir SE 5-10 kts Wave Ht 2.3' Bottom Type sandTOW #: 1444 Times (24hrs): Start 1849 End 1931Tow Start: Latitude N 36° 02.740 Longitude W 75° 33.420Tow End: Latitude N 36° 01.896 Longitude W 75° 32.764Port Net or Starboard Net Starboard Bib Nets: Yes ☒ No _____ Rollers: Yes ☒ No _____Project Capture # 65 Trawl Effort Capture # 32 By Species: Cc 53 Lk 2 Cm 0
De 10SPECIES C. caretta CONDITION GoodStraight Carapace Length: 74.2 cm/in Straight Carapace Width: 61.3 cm/inCurved Carapace Length: 79.4 cm/in Curved Carapace Width: 72.9 cm/inPlastron Length: 56.1 cm/in Plastron Width: 52.9 cm/inHead Width: 15.4 cm/in Weight (if available) N/A 15.4 ^{FF} kg/lbsGenetic sample taken: Yes ☒ No _____ Location (which flipper, etc) Rear LeftPhotos taken: Yes ☒ No _____ Scars Present: NoEpibionts, Algae or Oil Present? NoPIT TAG SCAN: Yes ☒ No _____ PREVIOUSLY TAGGED? Yes _____ No ☒PREVIOUS TAG ID: PIT N/A Left _____ Right _____TAGS APPLIED ID: PIT 989001006613500 Left MML 862 Right MML 863RELEASE INFO: CONDITION GoodTime 2025 Latitude N 35° 58.685 Longitude W 75° 29.675COMMENTS: specimen was released in good condition.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 25 / July / 2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: ATrawler Effort / Name: 1 / Jessica MarieBiologist Lisa RodriguezTrawling for Dredge(s) Liberty IslandCapt(s): Mike ByrdH2O Temp 20 °C Tide (Time, High Or Low): _____ hrs, H / L _____ hrs, H / LAir Temp 25 °C Wind Spd / Dir 5-10kts NW Wave Ht 1-3 Bottom Type SandTOW #: 1688 Times (24hrs): Start 0645 End 0729Tow Start: Latitude 36 00 694 Longitude 75 33 466Tow End: Latitude 36 01 849 Longitude 75 33 170Port Net or Starboard Net Port Bib Nets: Yes ☒ No _____ Rollers: Yes ☒ No _____Project Capture # 666 Trawl Effort Capture # 33 By Species: Cc 30 Lk 1 Cm 2SPECIES Caretta CONDITION Very GoodStraight Carapace Length: 83.0 cm/in Straight Carapace Width: 66.5 cm/inCurved Carapace Length: 87.6 cm/in Curved Carapace Width: 89.9 cm/inPlastron Length: 67.0 cm/in Plastron Width: 72.0 cm/inHead Width: 16.3 cm/in Weight (if available) _____ kg/lbsGenetic sample taken: Yes ☒ No _____ Location (which flipper, etc) Right RearPhotos taken: Yes ☒ No _____ Scars Present: NoEpibionts, Algae or Oil Present? Moderate Amt Barnacles, some algae, leeches, eggsPIT TAG SCAN: Yes ☒ No _____ PREVIOUSLY TAGGED? Yes _____ No ☒

PREVIOUS TAG ID: PIT _____ Left _____ Right _____

TAGS APPLIED ID: PIT 989001006613470 Left MML864 Right MML865RELEASE INFO: CONDITION Very GoodTime 0850 Latitude 35 57 920 Longitude 75 29 029COMMENTS: Lots of epibiota but very good body condition -
healthy animal
Swam away from boat with vigor!

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 4 / Aug / 2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: ATrawler Effort / Name: 1 / Jessica MarieBiologist Lisa RodriguezTrawling for Dredge(s) Liberty IslandCapt(s): Clifton ByronH2O Temp 23 °C Tide (Time, High Or Low): _____ hrs, H / L _____ hrs, H / LAir Temp 25 °C Wind Spd / Dir 5 kts S Wave Ht 0-1ft Bottom Type SandTOW #: 1927 Times (24hrs): Start 1857 End 1937Tow Start: Latitude 36 00 665 Longitude 75 32 113Tow End: Latitude 36 02 172 Longitude 75 32 553Port Net or Starboard Net Port Bib Nets: Yes ☒ No _____ Rollers: Yes ☒ No _____Project Capture # 67 Trawl Effort Capture # 34 By Species: Cc 55 Lk 2 Cm 0SPECIES C. caretta CONDITION Very GoodStraight Carapace Length: 82.7 cm/in Straight Carapace Width: 61.5 cm/inCurved Carapace Length: 89.7 cm/in Curved Carapace Width: 80.6 cm/inPlastron Length: 63.4 cm/in Plastron Width: 70.5 cm/inHead Width: 15.0 cm/in Weight (if available) _____ kg/lbsGenetic sample taken: Yes ☒ No _____ Location (which flipper, etc) Right RearPhotos taken: Yes ☒ No _____ Scars Present: _____Epibionts, Algae or Oil Present? Small amt algae + barnaclesPIT TAG SCAN: Yes ☒ No _____ PREVIOUSLY TAGGED? Yes _____ No ☒

PREVIOUS TAG ID: PIT _____ Left _____ Right _____

TAGS APPLIED ID: PIT 989001006613521 Left MML867 Right _____RELEASE INFO: CONDITION Very GoodTime 2059 Latitude 36 02 654 Longitude 75 28 777COMMENTS: Slightly elongated tail, possible young maleSwam away upon release

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 6 / Aug / 2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: ATrawler Effort / Name: 1 / Jessica MarieBiologist Lisa RodriguezTrawling for Dredge(s) Liberty IslandCapt(s): Phillip SeamanH2O Temp 23 °C Tide (Time, High Or Low): _____ hrs, H / L _____ hrs, H / LAir Temp 25 °C Wind Spd / Dir 5-10kts S Wave Ht 0-2 Bottom Type SandTOW #: 1979 Times (24hrs): Start 1142 End 1220Tow Start: Latitude 36 01 907 Longitude 75 33 300Tow End: Latitude 36 00 466 Longitude 75 33 244Port Net or Starboard Net Stbd Bib Nets: Yes ☒ No _____ Rollers: Yes ☒ No _____Project Capture # 68 Trawl Effort Capture # 35 By Species: Cc 56 Lk 2 Cm 0SPECIES C. caretta CONDITION ExcellentStraight Carapace Length: 83.0 cm/in Straight Carapace Width: 63.0 cm/inCurved Carapace Length: 89.8 cm/in Curved Carapace Width: 87.6 cm/inPlastron Length: 63.5 cm/in Plastron Width: 69.9 cm/inHead Width: 17.3 cm/in Weight (if available) _____ kg/lbsGenetic sample taken: Yes ☒ No _____ Location (which flipper, etc) Right RearPhotos taken: Yes ☒ No _____ Scars Present: _____Epibionts, Algae or Oil Present? Some barnaclesPIT TAG SCAN: Yes ☒ No _____ PREVIOUSLY TAGGED? Yes _____ No ☒

PREVIOUS TAG ID: PIT _____ Left _____ Right _____

TAGS APPLIED ID: PIT 98900100663486 Left MML868 Right _____RELEASE INFO: CONDITION ExcellentTime 1300 Latitude 36 01 222 Longitude 75 29 196COMMENTS: Young Male

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 8/31/2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: ATrawler Effort / Name: 1 Jessica MarieBiologist Michael McInerneyTrawling for Dredge(s) Liberty IslandCapt(s): Mike ByrdH2O Temp 23.8 °C Tide (Time, High Or Low): _____ hrs, H / L _____ hrs, H / LAir Temp 25 °C Wind Spd / Dir 9-11 WSW Wave Ht 2-3' Bottom Type SandTOW #: 2523 Times (24hrs): Start 1045 End 1125Tow Start: Latitude 36° 01.94 Longitude 75° 33.18Tow End: Latitude 36° 00.59 Longitude 75° 33.29Port Net or Starboard Net Starboard Bib Nets: Yes ☒ No _____ Rollers: Yes ☒ No _____Project Capture # 69 Trawl Effort Capture # 36 By Species: Cc 57 Lk 2 Cm 0SPECIES C. Carotta CONDITION Good Dec 10Straight Carapace Length: 83 cm/in Straight Carapace Width: 66 cm/inCurved Carapace Length: 92.2 cm/in Curved Carapace Width: 84.3 cm/inPlastron Length: 66.3 cm/in Plastron Width: 63.5 cm/inHead Width: 16.8 cm/in Weight (if available) _____ kg/lbsGenetic sample taken: Yes ☒ No _____ Location (which flipper, etc) Left rearPhotos taken: Yes ☒ No _____ Scars Present: NoEpibionts, Algae or Oil Present? BrachydorsPIT TAG SCAN: Yes ☒ No _____ PREVIOUSLY TAGGED? Yes _____ No ☒

PREVIOUS TAG ID: PIT _____ Left _____ Right _____

TAGS APPLIED ID: PIT 989001006643505 Left MML 964 Right MML 965RELEASE INFO: CONDITION GoodTime 1343 Latitude 36° 01.689 Longitude 75° 28.585

COMMENTS: _____

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 9 104 12017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: ATrawler Effort / Name: #1 Jessica MarieBiologist Michael McInerneyTrawling for Dredge(s) Liberty IslandCapt(s): Robert O'BannonH2O Temp 24.5 °C Tide (Time, High Or Low): _____ hrs, H / L _____ hrs, H / LAir Temp 26 °C Wind Spd / Dir 4-7 SW Wave Ht 0-1' Bottom Type SandTOW #: 2643 Times (24hrs): Start 130.3 End 1343Tow Start: Latitude 36° 01.13 Longitude 75° 33.22Tow End: Latitude 36° 01.44 Longitude 75° 32.90Port Net or Starboard Net Port Bib Nets: Yes ☒ No _____ Rollers: Yes ☒ No _____Project Capture # 70 Trawl Effort Capture # 37 By Species: Cc 58 Lk 2 Cm 0SPECIES C. Caretta CONDITION Good Oc 10Straight Carapace Length: 88 cm/in Straight Carapace Width: 71.8 cm/inCurved Carapace Length: 95.2 cm/in Curved Carapace Width: 89.7 cm/inPlastron Length: 72.1 cm/in Plastron Width: 70.5 cm/inHead Width: 19.9 cm/in Weight (if available) _____ kg/lbsGenetic sample taken: Yes ☒ No _____ Location (which flipper, etc) Left rearPhotos taken: Yes ☒ No _____ Scars Present: NoEpibionts, Algae or Oil Present? BarnaclesPIT TAG SCAN: Yes ☒ No _____ PREVIOUSLY TAGGED? Yes _____ No ☒

PREVIOUS TAG ID: PIT _____ Left _____ Right _____

TAGS APPLIED ID: PIT 989001006613495 Left MML 966 Right MML 967RELEASE INFO: CONDITION GoodTime 1425 Latitude 36° 00.098 Longitude 75° 28.616

COMMENTS: _____

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 9 / 06 / 2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: ATrawler Effort / Name: Jessica MariaBiologist Michael McInerneyTrawling for Dredge(s) Liberty IslandCapt(s): Robert O'BannonH2O Temp 24 °C Tide (Time, High Or Low): _____ hrs, H / L _____ hrs, H / LAir Temp 26.1 °C Wind Spd / Dir 13 SSW Wave Ht 2-3' Bottom Type SandTOW #: 2688 Times (24hrs): Start 0031 End 0111Tow Start: Latitude 36°02.22 Longitude 75°33.05Tow End: Latitude 36°02.06 Longitude 75°32.60Port Net or Starboard Net Port Bib Nets: Yes ☒ No _____ Rollers: Yes ☒ No _____Project Capture # 71 Trawl Effort Capture # 38 By Species: Cc 59 Lk 2 Cm 0SPECIES C. Caretta CONDITION Good Oc 10Straight Carapace Length: 102.1 cm/in Straight Carapace Width: 78.5 cm/inCurved Carapace Length: 107.3 cm/in Curved Carapace Width: 94.8 cm/inPlastron Length: 74 cm/in Plastron Width: 72.8 cm/inHead Width: 21.5 cm/in Weight (if available) _____ kg/lbsGenetic sample taken: Yes ☒ No _____ Location (which flipper, etc) Right rearPhotos taken: Yes ☒ No _____ Scars Present: No. BrnaclesEpibionts, Algae or Oil Present? BrnaclesPIT TAG SCAN: Yes ☒ No _____ PREVIOUSLY TAGGED? Yes _____ No ☒

PREVIOUS TAG ID: PIT _____ Left _____ Right _____

TAGS APPLIED ID: PIT 989001006613522 Left MML 968 Right MML 969RELEASE INFO: CONDITION GoodTime 0222 Latitude 36°01.004 Longitude 75°29.016

COMMENTS: _____

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 10 / 06 / 2017PROJECT: DARE COUNTY BEACH RESTORATIONBORROW SITE: BA-ATrawler Effort / Name: #1 Jessica MarieBiologist A. GarstinTrawling for Dredge(s) Liberty IslandCapt(s): Philip Seaman, Mike ByrdH2O Temp 22 °C Tide (Time, High Or Low): 0818 hrs, ⊕ / L 1438 hrs, H / ⊕Air Temp 24 °C Wind Spd / Dir 5 kts E Wave Ht 0-1' Bottom Type sandTOW #: 3024 Times (24hrs): Start 1228 End 1307Tow Start: Latitude N36° 01.699' Longitude W75° 33.359'Tow End: Latitude N36° 01.537' Longitude W75° 32.769'Port Net or Starboard Net Port Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐Project Capture # 72 Trawl Effort Capture # 39 By Species: Cc 60 Lk 2 Cm 0 Dc 10SPECIES Loggerhead (C. caretta) CONDITION ExcellentStraight Carapace Length: 108.4 cm/in Straight Carapace Width: 77.8 cm/inCurved Carapace Length: 109 cm/in Curved Carapace Width: 99.1 cm/inPlastron Length: 74 cm/in Plastron Width: 71.3 cm/inHead Width: 19.3 cm/in Weight (if available) — kg/lbsGenetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) Left rear flipperPhotos taken: Yes ☒ No ☐ Scars Present: NoneEpibionts, Algae or Oil Present? Algae on carapace; barnacles on head, flippers, carapace and plastronPIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒PREVIOUS TAG ID: PIT — Left — Right —TAGS APPLIED ID: PIT 989001006613518 Left MML972 (L2) Right MML973 (R2)RELEASE INFO: CONDITION ExcellentTime 1524 Latitude N36° 01.710' Longitude W75° 29.277'COMMENTS: PIT inserted into right front shoulder. Male.Turtle released alive to the sea; swam away from the boat upon release.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 10 / 06 / 2017

PROJECT: DARE COUNTY BEACH RESTORATION

BORROW SITE: 8A-A

Trawler Effort / Name: #1 Jessica Marie

Biologist A. Garstin

Trawling for Dredge(s) Liberty Island

Capt(s): Philip Seaman, Mike Byrd

H2O Temp 22 °C Tide (Time, High Or Low): 0818 hrs, (H) / L 1438 hrs, H (L)

Air Temp 24 °C Wind Spd / Dir 8 kts E Wave Ht 0-1' Bottom Type sand

TOW #: 3026 Times (24hrs): Start 1353 End 1433

Tow Start: Latitude N36° 01.187' Longitude W75° 33.321'

Tow End: Latitude N36° 02.377' Longitude W75° 33.086'

Port Net or Starboard Net Starboard Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐

Project Capture # 73 Trawl Effort Capture # 40 By Species: Cc 61 Lk 2 Cm 0 Dc 10

SPECIES C. caretta (Loggerhead) CONDITION Excellent

Straight Carapace Length: 89.6 cm/in Straight Carapace Width: 67.7 cm/in

Curved Carapace Length: 95.3 cm/in Curved Carapace Width: 83.8 cm/in

Plastron Length: 71 cm/in Plastron Width: 67.2 cm/in

Head Width: 18.3 cm/in Weight (if available) — kg/lbs

Genetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) Left rear flipper

Photos taken: Yes ☒ No ☐ Scars Present: None

Epibionts, Algae or Oil Present? Algae on carapace; barnacles on head, flippers, carapace and plastron

PIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☐ No ☒

PREVIOUS TAG ID: PIT — Left — Right —

TAGS APPLIED ID: PIT 989 001006613538 Left MML974 (L2) Right MML975 (R2)

RELEASE INFO: CONDITION Excellent

Time 1513 Latitude N36° 01.710' Longitude W75° 29.277'

COMMENTS: PIT inserted into right front shoulder.

Turtle released alive to the sea; swam away from the boat upon release.

SEA TURTLE CAPTURE AND RELOCATION DATA FORM

COASTWISE CONSULTING, INC.

DATE: 10 / 15 / 2017

PROJECT: DARE COUNTY BEACH RESTORATION

BORROW SITE: BA-A

Trawler Effort / Name: #1 Jessica Marie

Biologist A. Garstin

Trawling for Dredge(s) Liberty Island

Capt(s): M. Byrd, P. Seaman

H2O Temp 22 °C Tide (Time, High Or Low): 1034 hrs, H / ☒ 1649 hrs ☒ L

Air Temp 22 °C Wind Spd / Dir 10 Kts SW Wave Ht 2' Bottom Type Sand

TOW #: 3253 Times (24hrs): Start 1123 End 1203

Tow Start: Latitude N36° 01.812' Longitude W75° 33.468'

Tow End: Latitude N36° 00.908' Longitude W75° 33.278'

Port Net or Starboard Net Port Bib Nets: Yes ☒ No ☐ Rollers: Yes ☒ No ☐

Project Capture # 74 Trawl Effort Capture # 41 By Species: Cc 62 Lk 2 Cm 0 Dc 10

SPECIES C. Caretta (Loggerhead) CONDITION Excellent

Straight Carapace Length: 88.2 cm/in Straight Carapace Width: 70.6 cm/in

Curved Carapace Length: 97.9 cm/in Curved Carapace Width: 87.8 cm/in

Plastron Length: 70.4 cm/in Plastron Width: 63.5 cm/in

Head Width: 20.8 cm/in Weight (if available) — kg/lbs

Genetic sample taken: Yes ☒ No ☐ Location (which flipper, etc) Right rear flipper

Photos taken: Yes ☒ No ☐ Scars Present: Possible tag scars in L2 & R1

Epibionts, Algae or Oil Present? Algae on carapace; barnacles on head, flippers, plastron & carapace

PIT TAG SCAN: Yes ☒ No ☐ PREVIOUSLY TAGGED? Yes ☒ No ☐

PREVIOUS TAG ID: PIT — Left — Right —

TAGS APPLIED ID: PIT 489601006613531 Left MML876 (L1) Right MML877 (R2)

RELEASE INFO: CONDITION Excellent

Time 1302 Latitude N36° 01.874' Longitude W75° 28.863'

COMMENTS: PIT inserted into right front shoulder.

Turtle released alive to the sea; swam away from the boat upon release.