

NRR-DMPSPEm Resource

From: Steve Weege <sweege@inwater.org>
Sent: Monday, February 25, 2019 1:44 PM
To: Koperski, Meghan
Cc: Ed Hollowell; Jodie_Gless@fpl.com; Ken_Frehafer@fpl.com; MTP@myfwc.com; Michael Bresette; EndangeredSpecies Resource; SCO@dep.state.fl.us; Vince Munne; Cody Mott; Jeff Guertin; Ryan Welsh; debbie.spring@noaa.gov; Eaton, Kristin; Jonathon Gorham; William.Nurnberger@fpl.com; audra.livergood@noaa.gov; Ryan Chabot
Subject: [External_Sender] January 2019 FPL Marine Turtle Removal Monthly Report
Attachments: January 2019 Marine Turtle Captures.pdf; Monthly Report Notes 2019.pdf; FPL St. Lucie Capture Summary 2019.pdf

Mrs. Meghan Koperski
Tequesta Field Laboratory
19100 SE Federal Highway
Tequesta, FL 33469

Subject: Marine Turtle Removal Monthly Summary

January 2019

Dear Meghan,

Attached, please find the monthly summary of marine turtle removals for January 2019. This month we captured 12 *Caretta caretta* in the intake canal of the St. Lucie power plant on Hutchinson Island. There were no mortalities or sea turtles sent for rehabilitation in January.

The primary 5-inch barrier net encountered light-to-moderate loads of algae during the month. Even so, the primary barrier net has performed as designed and no turtles have been observed beyond the 5-inch net.

The tag numbers and morphometric data for all turtles captured during the month have been included with this report (see attachments/addendums). Also included is a spreadsheet for all captures, mortalities, injuries, and causal events delineated by species and by month for 2019. In addition, this spreadsheet tracks fresh scrapes incurred on captured turtles for the current month, as well as the entire year.

Please feel free to contact me with any questions.

Sincerely,

Steve

Steve Weege

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Sent Date: 2/25/2019 1:44:26 PM
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From: Steve Weege

Created By: sweege@inwater.org

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Files	Size	Date & Time
MESSAGE	1378	2/25/2019 1:44:47 PM

January 2019 Marine Turtle Captures.pdf		77248
Monthly Report Notes 2019.pdf	58469	
FPL St. Lucie Capture Summary 2019.pdf		80115

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MARINE TURTLE REMOVALS ST. LUCIE PLANT INTAKE CANAL JANUARY 2019

Date	Species	Note	Tag #'s	SMCL (cm)	SSCL (cm)	CSCL (cm)	CMCW (cm)	SMCW (cm)	SMPL (cm)	Weight (kg)	Method
1/2/2019	<i>Caretta caretta</i>		KKG120/KKG121	48.3	49.7	54.1	51.5	42.1	38.5	17.8	North net
1/2/2019	<i>Caretta caretta</i>		KKG122/KKG123	65.5	66.5	73.6	69.6	57.0	51.2	40.7	North net
1/6/2019	<i>Caretta caretta</i>		KKG124/KKG125	68.6	70.5	75.0	73.0	59.2	53.3	52.3	Hand capture
1/6/2019	<i>Caretta caretta</i>		KKG126/KKG127	65.5	66.7	73.1	71.5	55.9	52.1	41.1	Hand capture
1/6/2019	<i>Caretta caretta</i>		KKG128/KKG129	61.8	64.1	67.6	65.0	52.9	47.7	33.9	Hand capture
1/6/2019	<i>Caretta caretta</i>		KKG130/KKG131	64.5	65.5	70.1	69.7	53.7	51.3	41.2	Hand capture
1/6/2019	<i>Caretta caretta</i>		KKG132/KKG133	63.4	64.1	67.4	65.7	56.6	52.1	37.8	Hand capture
1/6/2019	<i>Caretta caretta</i>		KKG134/KKG135	71.0	71.7	76.5	72.0	54.5	53.8	47.1	Hand capture
1/6/2019	<i>Caretta caretta</i>	1	MMY164/MMY165	66.4	67.5	71.8	66.0	53.6	52.9	38.6	Hand capture
1/7/2019	<i>Caretta caretta</i>	2	KKG136	93.1	94.8	101.8	94.5	71.8	69.9	126.3	Hand capture
1/19/2019	<i>Caretta caretta</i>		KKG137/KKG138	56.4	57.7	64.1	60.3	48.4	46.4	31.1	North net
1/29/2019	<i>Caretta caretta</i>		KKG139/KKG140	66.9	67.1	72.1	69.6	56.2	52.4	43.7	South net

NOTES

1. RECAPTURE. Turtle was removed from the intake canal, tagged and released at Hutchinson Island on 5/10/18 and 1/6/19.
2. Adult female. Tail length = 255 mm. Missing 90% of right front flipper (healing well).

SMCL = Straight Minimum Carapace Length

SMCL = Straight Standard Carapace Length

CSCL = Curved Standard Carapace Length

CMCW = Curved Maximum Carapace Width

SMCW = Straight Maximum Carapace Width

SMPL = Straight Midline Plastron Length

