

From: Stephen Weege [steveewege@yahoo.com]  
Sent: Tuesday, November 02, 2010 4:08 PM  
To: Meghan Koperski; Mike Bresette; Dave Clark; Ken Frehafer; Jodie Gless;  
Bob Hoffman; Ed Hollowell; RidsNrrDlr Resource; Vince Munne; Dave Niebch; Shelley Norton  
Subject: FPL/ St Lucie - October 2010 Marine Turtle Removal Summary  
Attachments: October 2010 Marine Turtle Captures.rtf; Monthly Report Notes 2010.xls;  
FPL St. Lucie Capture Summary 2010.xls

Dear Meghan,

Attached, please find the monthly summary of marine turtle removals for October 2010. In October, we captured eleven (11) *Caretta caretta*, fourteen (14) *Chelonia mydas* and one (1) *Eretmochelys imbricata* in the intake canal of the St. Lucie power plant on Hutchinson Island. During the month there were two turtles transported to rehabilitation facilities.

On October 27th, a sub-adult loggerhead was hand captured in the intake canal with a 9-cm long impact fracture of the shell. The wound was necrotic and left the body cavity exposed. The turtle's injuries are consistent with a boat strike and were determined to be non-causal to power plant operations. The animal was transported to the Marinelife Center (MLC) in Juno Beach by MLC staff after consultation with personnel from FWCC.

On October 28th, another sub-adult loggerhead was hand captured with boat related injuries. This turtle had 4 large prop scars on the posterior carapace which were beginning to heal. Additionally, the animal was severely underweight and lethargic. Inwater Research Biologists met Sea World staff in Vero Beach to facilitate the transfer of the animal to their rehab facility in Orlando. This was also determined to be a non-causal event, unrelated to power plant operations.

Throughout the month of October the temporary barrier net experienced light loads of algae and jellyfish that entered into the intake canal. This temporary barrier has effectively kept turtles from moving further down the canal. A permanent fix to this net is expected in 2011.

The tag numbers and morphometric data for all the turtles are attached. Also attached is the spreadsheet of all captures, mortalities, injuries, and causal events delineated by species and month/year to date for 2010. This spreadsheet also 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 Weege  
Inwater Research Group, Inc.  
4160 NE Hyline Dr.  
Jensen Beach, FL 34957  
Phone: (772) 216-5096  
e-mail: sweege@inwater.org

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Recipients:

Meghan.Koperski@MyFWC.com (Meghan Koperski)  
Tracking Status: None  
mbresette@inwater.org (Mike Bresette)  
Tracking Status: None  
dclark@inwater.org (Dave Clark)  
Tracking Status: None  
Ken\_Frehafer@FPL.com (Ken Frehafer)  
Tracking Status: None  
Jodie\_Gless@FPL.com (Jodie Gless)  
Tracking Status: None  
Bob.Hoffman@NOAA.gov (Bob Hoffman)  
Tracking Status: None  
Ed\_Hollowell@FPL.com (Ed Hollowell)  
Tracking Status: None  
RidsNrrDlr.Resource@nrc.gov (RidsNrrDlr Resource)  
Tracking Status: None  
Vince\_Munne@fpl.com (Vince Munne)  
Tracking Status: None  
david\_niebch@fpl.com (Dave Niebch)  
Tracking Status: None  
Shelley.Norton@NOAA.gov (Shelley Norton)  
Tracking Status: None

Post Office:  
web52402.mail.re2.yahoo.com

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October 2010 Marine Turtle Captures.rtf	53229		
Monthly Report Notes 2010.xls	187456		

FPL St. Lucie Capture Sumary 2010.xls 228416

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