NCDWR Fish Kill Summary Report

Waterbody NEUSE RIVER

Location Flanners Beach

Total Fish Mortality
100000

Kill Number	Date Reported	Date Investigated	Time Investigated
WA13001	8/11/2013	8/14/2013	1106

County	HUC:	Latitude	Longitude
CRAVEN	03020204	35.000980	-76.9748800

Species Reported

ATLANTIC MENHADEN
CROAKER

Suspected Cause	Other Species Affected	Waterbody Type	Duration	Kill Area
Unknown	NONE	Estuary	1 day	not specified

Tributaries Affected	Samples
NONE	PHYTO

Notes:

EMT staff investigated a fish kill on Tuesday August 13th, at Flanner's Beach located on the south side of the Neuse River in New Bern. Staff was notified of this fish kill Monday. Observations indicated dead decaying menhaden and croaker along the shoreline near Flanner's Beach and extended towards Carolina Pines. Prior investigators indicated this kill extended downstream to Slocum Creek near Havelock area.

Monday evening's weather included heavy rainfall, washing away most of the kill. Therefore a proper count could not be ascertained. Some Menhaden and Croaker were observed. Fish lengths varied from 100 mm to 600 mm with most of the larger sized fish being Menhaden.

An overview of the historical weekend weather indicated calm, hot sunny days. It is possible that algal blooms were occuring during the weekend as water temps were near 33 degrees by 11:00 a.m. this week. Dissolved oxygen was near 9 mg/L and pH was near 8.0. Salinties were well over 23 ppt. Nightime die-off of these blooms and subsequent lack of DO, coupled with storm/wind activities could have contributed to this localized fish kill.

Water quality samples were collected at the Flanner's Beach area and sent to The Division of Water Resources Laboratory in Raleigh for further investigation.

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