



## SITUATION REPORT

**Department of Environment and Natural Resources**

**November 22, 2006**

**1400 hours**

**Divisions:**

Air Quality (DAQ)

Environmental Health (DEH)

Marine Fisheries (DMF)

Radiation Protection (RP)

Water Resources (DWR)

Aquariums (AQU)

Forest Resources (DFR)

Museum on Nat. Sciences (DMNS)

Soil and Water Conservation (DSWC)

Zoological Park (DZP)

Coastal Management (DCM)

Land Resources (DLR)

Parks and Recreation (DPR)

Waste Management (DWM)

Customer Service Center (CSC)

Legislative/Intergovernmental Affairs (LIA)

Pollution Prevention (DPPEA)

Water Quality (DWQ)

**EVENT: Nor'easter of Thanksgiving 2006**

**Phase:  X  Day of Event \_\_\_ Assessment \_\_\_ Response \_\_\_ Recovery**

### **Departmental Priorities:**

#### **I. Current Situation:**

A slow moving nor'easter has dropped significant rainfall across the Coastal Plain and Piedmont. Storm totals from the National Weather Service (NWS) show 5 to 6 inches of rain in parts of Onslow, Pender, Duplin, Richmond, Scotland and Robeson counties as well as with a broad extent of rain from 3 to 4 inches stretching from Montgomery County east to the Outer Banks. The NWS has issued warnings for high winds, flooding, and gale force winds for several counties in the state. Conditions are expected to continue throughout the day.

#### **II. Divisional Priorities:**

**Aquarium Division:** At 1030 hours, the Roanoke Island Aquarium is without commercial power and the back-up generator is supplying electrical power to sustain the animals. There is both sound- and ocean-side flooding with an extensive number of blown down trees. The building has sustained a loss of siding, broken glass vents on the greenhouses, and suffered several roof leaks. The Roanoke Island Aquarium is closed to the general public and a skeleton crew is on duty. Staff members report lots of rain but no damages at the other two aquariums – Fort Fisher and Pine Knoll Shores. Both facilities are open to the public and operating under normal hours. Aquarium staff members will photograph damages and make emergency repairs at the Roanoke Island facility so that it can be opened on Friday. All aquariums are closed on Thanksgiving.

**Division of Parks and Recreation:** As of 1130 hours, state park facility status:

- Goose Creek State Park in Beaufort County is closed due to road flooding, high winds and tree damage.
- Hammocks Beach State Park in Onslow County has no ferries operating and Bear Island has been closed, but the mainland section is open.
- Some other eastern parks are experiencing high water, winds and some limited power outages but remain open.
- All areas should be reopening by late Thursday afternoon unless the storm remains in eastern North Carolina.

**Division of Forest Resources:** At 1130 hours, no damages reported. No requests from the State EOC.

**Division of Water Quality:**

Sixteen wastewater treatment plants (WWTP) have reported problems:

*Richlands – Onslow County:* Experiencing overflow from manhole at the facility, estimated amount unknown. Plant is surrounded by water.

*Newport – Carteret County:* Receiving stream backing up into their facility and overflowing the chlorine contact chamber. It seems imminent that they will suffer overflows at the plant. There is no effluent pump to pump against the incoming stream.

*Beaufort – Carteret County:* WWTP collection system five locations overflowing at manholes upstream of five lift stations.

*Morehead City – Carteret County:* Overflowing of between 1500 and 2000 gallons. It is stopped, for now.

*Carolina Shores:* Weir box stopped up with trash and storm debris.

*Rose Hill – Duplin County:* Manholes overflowing in town. No estimates on amounts. Unsure of whether surface waters are affected. Other overflows associated with either the collection system or at the plant;

*Mt. Olive - Wayne County:* DWQ has the most concern about this facility.

*Plymouth - Washington County*

*Havelock - Craven County*

*Hamilton - Martin County*

*Maysville - Jones County*

*Pikeville - Wayne County*

*Town of Edenton - Perquimans County*

*City of Elizabeth City -Perquimans County*

*City of Kinston - Lenoir County*

*Fairfield Harbour - Craven County*

Regarding farms, nobody has called in today reporting problems. However, DWQ is aware of several border line facilities that have been floating around their design freeboard for the last few weeks. DWQ personnel will be checking with those facilities to verify freeboard levels.

**III. Operational Status:**

All offices are open except where noted earlier. Both Thursday and Friday are state holidays. However, the DENR Disaster Response and Recovery Coordinator will be available to provide updates.

**IV. Resource Assessment:**

No additional resources are needed at this time. Damage assessments will begin after the storm passes on Friday, if necessary.

**IV. G.I.S. Needs:**

No GIS needs at this time.

**IV. Additional Questions and/or Concerns:**

None.