

**N.C. DENR Situation Report 8 p.m. for Saturday, Aug. 27, 2011**

WASTE MANAGEMENT      PARKS AND RECREATION      AQUARIUMS – R, PK, FF      REGIONAL  
OFFICES      WATER RESOURCES      AIR QUALITY      COASTAL MANAGEMENT      LAND RESOURCES  
MARINE FISHERIES      WATER QUALITY

**WATER QUALITY**

**Current Status**

- Fayetteville Regional Office reports high winds and some rain 0.3-2 inches, reports of downed trees. No reports of any flooding or wastewater treatment plant damage at this time.
- Beaufort Co. – PCS Phosphate – water in stormwater pond building up, was blocking the road into the facility, plans to cut a notch in the wall of the stormwater pond to drain water to a permitted outfall.
- Brunswick Co. – Carolina Beach update – Most of the sewer system overflow problems are along Canal Street – low lying area. System is taking on a lot of stormwater. Equalization basin at the plant is helping to manage load.
- Martin Co. – Williamston - have a manhole overflowing, wastewater treatment plant is bypassing to the Roanoke River
- Nash Co. – Rocky Mount has no power, is having some sewer system overflows
- Sampson County - lost power early AM hours. Power back up and operational.
- Tyrell Co. – Columbia update – wastewater treatment plant still doesn't have power. Generator on the way from Fayetteville.
- Wilson Co. – Stantonsburg – no power at the wastewater treatment plant

**Next Steps**

- Continue communication with regulated facilities to assess condition and prioritize next actions.

**WASTE MANAGEMENT**

**Current Situation**

- Jones County activated a temporary disaster debris storage site near the Town of Maysville.
- A list of activated sites is being placed on the Division of Waste Management website at <http://portal.ncdenr.org/web/wm/sw>
- Solid Waste Section Field Staff have been contacted by local governments in the southeast concerning site visits on Sunday. Staff will review these requests on Sunday morning and make plans with supervisors for best coverage.
- Permitted solid waste management facilities statewide can accept storm-related debris as long as the waste type being received is allowed by permit. Landfill managers know what types of waste they can receive. Receiving facilities should be contacted prior to transport if there are any questions.
- Hugh Jernigan, Solid Waste Section Environmental Senior Specialist, will be at the EOC tonight until 6 a.m. Sunday. The number for the EOC Solid Waste Desk is (919) 733-3797

**PARKS AND RECREATION**

**Current Situation**

All state parks from the Triangle area eastward remain closed. All 16 of these parks will remain closed until at least Sunday. Rangers will evaluate damage and determine the safety of public areas before they are reopened.

Ten state parks have completed initial damage assessments; no significant damage reported; some trees across entrance roads.

The Central Reservations System for the state parks system is notifying those with reservations about closings. Detailed updates are posted on the website, Facebook and Twitter.

Supervisory staff have determined what field staff in affected parks remain in housing inside those parks and what field staff throughout the state are available for response through the weekend, including those available to be shifted from their normal duty stations.

Representatives of the ranger operations staff are manning the EOC on a rotating basis and are advising operations supervisors of current conditions.

### **Operational Priorities**

Field staff will begin making evaluations of damage or potential hazards and account for all personnel who remained in parks.

Supervisors will identify available rangers from piedmont and western areas that may be available for deployment if such is requested by the Emergency Operations Center.

Conference calls are scheduled Sunday and Monday to review reports from parks and to discuss plans for potential reopening of parks.

## **AQUARIUMS**

### ***N.C. Aquarium on Roanoke Island***

#### **Current Situation**

- Power was lost at the aquarium for a short period of time, but restored at 3 p.m. The generator came on during that outage, keeping life support systems on at NCARI.
- Several tree limbs have broken out of trees and the grounds are littered with pine straw & limbs.
- Aquarium director, director of operations and husbandry, two aquarist are at the aquarium.
- Jennette's Pier has cosmetic damage to the large security gates. The large security gates have been blown off their hinges. These doors have been secured since the last report.
- The wind turbines have locked themselves down due to increased wind speeds.(By design)
- Wind-driven rain has caused numerous leaks. No location given or damage noted.
- Many shingles have been lost at the Jennette's Pier bathhouse and pump house.
- Sand has been blown across many sections of the pier parking lot.
- No ocean overwash was reported.

#### **Current Priorities**

- Maintain watch for exterior r& interior damage.
- NCARI director, director of husbandry and operation, two staff are feeding and caring for all animals.
- Identifying new leaks.
- Identifying any structural damage.
- Pier Manager will continue to monitor the pier.

### ***N.C. Aquarium on Pine Knolls Shore***

No new information since previous situational report.

***N.C. Aquarium at Fort Fisher***

**Current Situation**

- No change since the last situation report. No damage to N.C. Aquarium at Fort Fisher building or grounds.
- Aquarium will open to the public at 9 a.m. Sunday, Aug. 28. Normal operations are expected to resume.
- Will remain on generator power until Sunday morning.

**REGIONAL OFFICES**

***Washington***

Still a lot of wind and rain. No power in the area. The Regional Administrative Office Manager attempted to check the office building but it is impossible to reach the building because the area is surrounded by deep water. There are lots of downed power lines and flooded roads in the area. Widespread damage in the Washington area.

***Fayetteville***

No new information since previous situational report.

***Raleigh***

Some wind and rain. Some power outages in Raleigh area.

***Wilmington***

- Status is same as in previous sit rep. Area is without power. However, the office has a back-up generator.
- No damage to the building or property.

**AIR QUALITY**

**Current Situation**

DAQ has little to report regarding Irene. Wilmington regional office reportedly had no wind or rain damage, but computer server is down due to power outage. Emergency generators operating and vehicles OK. No recent reports from Washington regional office, but news reports widespread flooding and wind damage in the area.

**COASTAL MANAGEMENT**

**Current Status**

- No changes in DCM status at this time.
- Widespread reports of flooding, structure damage, erosion, and power outages.
- Dare and Currituck Co. emergency management are not allowing any entry into Dare Co., the Currituck Outer Banks or Hatteras Island until initial damage assessments are complete. Many coastal towns have curfews tonight.

**LAND RESOURCES**

**Current Situation**

- No problems with dams noted as of 8 p.m. at Emergency Operations Center, Washington Regional Office, Wilmington Regional Office or Raleigh Regional Office.
- Washington and Wilmington Regional Office staff are waiting to begin assessments until sustained tropical force winds subside.
- EOC will be staffed through midnight or later per guidance from Infrastructure Services functional lead.
- EOC Morning shift to begin at 8 a.m. on 08-28-2011.

**Operational Priorities**

Remain prepared to assign and dispatch inspection teams to problem dam sites, reported or suspected.

**MARINE FISHERIES**  
**Current Situation**

No new operational information since the last report.

It is still very windy and rainy. The duration of the storm has lasted longer than forecasted. Mainland coastal areas have suffered greatly with trees and flooding. One report of roof blown off a fish house in Columbia.

The director is going to head back to Morehead City tomorrow morning and may be able to provide a better assessment.

**WATER RESOURCES**  
**Current Status**

Of the systems that have reported their status, most are operating normally, although some are on backup power.

Three systems have reported they are under a boil water advisory; two systems in Brunswick County and one in New Hanover County.

The village of Bald Head Island in Brunswick County is on a boil water advisory due to extended power outages overnight and issues with the sewer lift stations and individual home grinder pumps. The system shut down water service to reduce the risk of sewer backups into homes. The system is operating normally now.

Please see the attached spreadsheet to view all of the systems that have reported their status.

## Water System Assessments 8/27/2011

USE\_RESTRICTIONS=none

County	PWS Id	Water System	System Type	Status	Use Restriction	Comments	Population	Admin Contact	Admin Phone	Date Updated	Completed by
BLADEN	NC0309060	BLADEN CO WTR DIST-EAST BLADEN	COMMUNITY	Normal Operations	none	Reported by Randy Garner to Byron Reeves	1,921	GARNER, RANDY	910-862-6996	8/27/2011 19:27	
BLADEN	NC0309055	BLADEN CO WTR DIST-WEST BLADEN	COMMUNITY	Normal Operations	none	Reported by Randy Garner to Byron Reeves	10,315	GARNER, RANDY	910-862-6996	8/27/2011 19:28	
BLADEN	NC0309015	BLADENBORO, TOWN OF	COMMUNITY	Normal Operations	none	Reported by Lynn Brisson to Byron Reeves	2,155	JACKSON, DELANE	910-863-3655	8/27/2011 19:24	
BLADEN	NC0309030	WHITE LAKE, TOWN OF	COMMUNITY	Normal Operations	none	Reported by Tim Frush to Byron Reeves	2,500	FRUSH, TIMOTHY F	910-862-4800	8/27/2011 19:26	
BRUNSWICK	NC0410045	BRUNSWICK COUNTY WATER SYSTEM	COMMUNITY	Normal Operations	none	Reported by Glen Walker and Ron Moore. Brunswick Co Water System's Northwest surface WTP still has intermittent electrical power but is on generator power. Distribution ok	82,060	PIERCE, JERRY	910-253-2657	8/27/2011 8:43	Diane Williams
BRUNSWICK	NC7010053	BRUNSWICK REG WATER & SEWER -	COMMUNITY	Normal Operations	none	reported by Russ Lane	140	LANE, RUSS	910-371-9949	8/27/2011 11:47	Diane Williams
BRUNSWICK	NC0410070	BRUNSWICK REGIONAL WATER AND S	COMMUNITY	Normal Operations	none	reported by Russ Lane	18,065	LANE, RUSS	910-371-9949	8/27/2011 11:46	Diane Williams
BRUNSWICK	NC0410060	HOLDEN BEACH, TOWN OF	COMMUNITY	Normal Operations	none	reported by Chris Clemmons	5,748	CLEMMONS, CHRIS	910-842-6488	8/27/2011 15:34	Diane Williams
BRUNSWICK	NC7010058	LELAND TOWN OF	COMMUNITY	Normal Operations	none	per Jimmy Strickland	1,463	STRICKLAND, JIMMY	910-332-4651	8/27/2011 15:59	Diane Williams
BRUNSWICK	NC0410065	NAVASSA, TOWN OF	COMMUNITY	Normal Operations	none	per Claudia Bray	747	BRAY, CLAUDIA	910-371-2432	8/27/2011 16:00	Diane Williams
BRUNSWICK	NC7010055	NAVASSA, TOWN OF-CEDAR HILL AN	COMMUNITY	Normal Operations	none	per Claudia Bray	25	BRAY, CLAUDIA	910-371-2432	8/27/2011 16:01	Diane Williams
BRUNSWICK	NC0410020	OAK ISLAND, TOWN OF	COMMUNITY	Normal Operations	none	reported by David Kelly	20,798	KELLY II, DAVID	910-201-8041	8/27/2011 10:16	Diane Williams
BRUNSWICK	NC0410140	OCEAN AIRE ESTATES	COMMUNITY	Normal Operations	none	per Chris Chappell	302	CHAPPELL, CHRIS	910-579-7988	8/27/2011 16:18	Diane Williams
BRUNSWICK	NC0410035	OCEAN ISLE BEACH, TOWN OF	COMMUNITY	Normal Operations	none	reported by Larry Sellers	6,250	MEDLIN, DIXON	910-579-2166	8/27/2011 15:37	Diane Williams
BRUNSWICK	NC7010057	SANDY CREEK, TOWN OF	COMMUNITY	Normal Operations	none	reported by Russ Lane	278	COLBY, TINA	910-655-3153	8/27/2011 11:48	Diane Williams
BRUNSWICK	NC0410025	SHALLOTTE, TOWN OF	COMMUNITY	Normal Operations	none	reported by Don Irvin	5,339	WHITE, DEBRA	910-754-4032	8/27/2011 15:37	Diane Williams
BRUNSWICK	NC0410010	SOUTHPORT CITY OF	COMMUNITY	Normal Operations	none	reported by Paul Woodall	5,405	CARDWELL, RALPH	910-457-7936	8/27/2011 11:14	Diane Williams
BRUNSWICK	NC0410544	WPNR LLC	TRANSIENT NON-COMMUNITY	Normal Operations	none	system said no one was there to use water last night so even though they lost power, low pressure was not an issue.	98	FRICK, JOHN	910-287-6404	8/27/2011 16:07	Diane Williams
COLUMBUS	NC0424040	BRUNSWICK, TOWN OF	COMMUNITY	Normal Operations	none	Reported by Lenwood Williams to Byron Reeves	367	WILLIAMS, LENWOOD	910-642-6741	8/27/2011 19:28	
COLUMBUS	NC0424060	COLUMBUS CO WATER DISTRICT I	COMMUNITY	Normal Operations	none	Reported by Kip McClary to Byron Reeves	3,236	DAVIS, AMANDA	910-642-2828	8/27/2011 19:30	
COLUMBUS	NC7024007	COLUMBUS CO WATER DISTRICT II	COMMUNITY	Normal Operations	none	Reported by Kip McClary to Byron Reeves	3,103	DAVIS, AMANDA	910-642-2828	8/27/2011 19:31	
COLUMBUS	NC7024012	COLUMBUS COUNTY WATER DIST III	COMMUNITY	Normal Operations	none	Reported by Kip McClary to Byron Reeves	2,313	DAVIS, AMANDA	910-642-2828	8/27/2011 19:31	
COLUMBUS	NC7024016	COLUMBUS COUNTY--ACME	COMMUNITY	Normal Operations	none	Reported by Kip McClary to Byron Reeves	332	DAVIS, AMANDA	910-642-2828	8/27/2011 19:31	
COLUMBUS	NC0424110	DEERFIELD ESTATES S/D	COMMUNITY	Normal Operations	none	Reported by Kip McClary to Byron Reeves	60	DAVIS, AMANDA	910-642-2828	8/27/2011 19:32	
COLUMBUS	NC0424113	HINSON'S MHP NO 1	NON-PUBLIC	Normal Operations	none	Reported by Bonnie Prince to Byron Reeves	21	PRINCE, BONNIE		8/27/2011 19:33	
COLUMBUS	NC0424114	HINSON'S MHP NO 2	NON-PUBLIC	Normal Operations	none	Reported by Bonnie Prince to Byron Reeves	20	PRINCE, BONNIE		8/27/2011 19:34	
COLUMBUS	NC0424463	LAKELAND VILLAGE S/D	COMMUNITY	Normal Operations	none	Reported by Kip McClary to Byron Reeves	120	DAVIS, AMANDA	910-642-2828	8/27/2011 19:33	
COLUMBUS	NC0424015	TABOR CITY, TOWN OF	COMMUNITY	Normal Operations	none	Reported by Donald James to Byron Reeves	3,175	JAMES, DONALD	910-653-3458	8/27/2011 19:35	
DUPLIN	NC0431050	CHINQUAPIN WATER ASSOCIATION	COMMUNITY	Normal Operations	none	Reported by Glenn Mobley to Byron Reeves	4,361	MOBLEY, GLENN	910-285-2478	8/27/2011 19:37	
NEW HANOVER	NC0465015	CAROLINA BEACH WATER SYSTEM	COMMUNITY	Normal Operations	none	reported by Jim Tayson	11,904	GURGANIOUS, GENE	910-458-8291	8/27/2011 15:17	
NEW HANOVER	NC0465010	CFPUA-WILMINGTON	COMMUNITY	Normal Operations	none	reported by Mike Richardson and Jim Tayson	132,936	RICHARDSON, MIKE	910-332-6739	8/27/2011 13:11	Diane Williams
NEW HANOVER	NC0465191	CFPUA/ NHC-421	COMMUNITY	Normal Operations	none	reported by Mike Richardson and Jim Tayson	400	RICHARDSON, MIKE	910-332-6723	8/27/2011 14:36	Diane Williams
NEW HANOVER	NC0465137	CFPUA/MONTEREY HEIGHTS	COMMUNITY	Normal Operations	none	reported by Mike Richardson and Jim Tayson	4,778	RICHARDSON, MIKE	910-332-6739	8/27/2011 14:37	Diane Williams
NEW HANOVER	NC0465232	CFPUA/NHC	COMMUNITY	Normal Operations	none	reported by Mike Richardson and Jim Tayson	32,100	RICHARDSON, MIKE	910-332-6739	8/27/2011 14:34	Diane Williams

NEW HANOVER	NC0465112	COLLEGE VIEW MHP	COMMUNITY	Normal Operations	none	Reported by Nicole Brinkley to Heidi Cox	90	BRINKLEY, NICOLE	910-799-5060	8/27/2011 16:32	
NEW HANOVER	NC0465532	CORNING INC	NON-TRANSIENT NON-COMMUNITY	Normal Operations	none	reported by Ricky Stroupe	1,100	ADAMS, JENNIFER	910-784-6498	8/27/2011 10:15	Diane Williams
NEW HANOVER	NC0465119	FIGURE 8 ISLAND	COMMUNITY	Normal Operations	none	Reported by Ricky Skipper to Heidi Cox. System has been operating on back-up power. No pressure loss. Power restored 5pm.	999	SKIPPER, CHARLIE	910-371-2770	8/27/2011 16:08	
NEW HANOVER	NC0465197	FORT FISHER REC CENTER	NON-TRANSIENT NON-COMMUNITY	Normal Operations	none		338	ABRAMS, DONALD	919-722-5168	8/27/2011 15:19	
NEW HANOVER	NC0465522	GE - HITACHI	NON-TRANSIENT NON-COMMUNITY	Normal Operations	none		2,400	KARNES, MARK	910-819-5882	8/27/2011 15:41	
NEW HANOVER	NC0465121	GLYNNWOOD MHP	COMMUNITY	Normal Operations	none	Reported by Don Williams	250	WILLIAMS, DON	877-987-2782	8/27/2011 17:45	
NEW HANOVER	NC0465195	HERMITAGE HOUSE REST HOME	COMMUNITY	Operating on backup power	none	Reported by Tim Waddell to Heidi Cox. System is running on back-up power but did not lose pressure. Line crews are working on power now.	125	OSTAPOWICZ, PATTY	910-675-2988	8/27/2011 18:07	
NEW HANOVER	NC0465025	KURE BEACH WATER SYSTEM	COMMUNITY	Normal Operations	none		4,574	BEEKER, SONNY	910-458-5816	8/27/2011 15:09	
NEW HANOVER	NC0465138	OAKLEY MHP	COMMUNITY	Normal Operations	none	System lost power for approximately 45 mins this afternoon, but did not lose pressure.	85	HAMILTON, WILLIAM J	910-799-9118	8/27/2011 16:12	
NEW HANOVER	NC0465208	PLANTATION VILLAGE	COMMUNITY	Normal Operations	none	Reported by Mike Campbell to Heidi Cox. System lost power a couple of times, but generators started up automatically. There was no pressure loss or flooding.	218	WADDELL, TIM		8/27/2011 16:19	
NEW HANOVER	NC0465206	SOUTH RIDGE MHP	COMMUNITY	Normal Operations	none	Reported by Dave Meehling to Heidi Cox	115	MEEHLING, DAVID		8/27/2011 15:27	
NEW HANOVER	NC0465199	THE CAPE MASTER SYSTEM	COMMUNITY	Normal Operations	none	Reported by Don Williams	8,827	WILLIAMS, DON	877-987-2782	8/27/2011 16:52	
NEW HANOVER	NC0465020	WRIGHTSVILLE BEACH WATER SYST	COMMUNITY	Normal Operations	none	Reported by Doug Riseden to Heidi Cox. South end of system is operating on back-up power, but did not lose pressure. Crews are working to restore power now. Power restored 5pm.	5,087	RISEDEEN, DOUGLAS	910-256-7935	8/27/2011 15:37	