

N.C. DENR Situation Report 2 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

WASTE MANAGEMENT

Current Situation

- Camp Lejeune and the Coastal Environmental Partnership in Craven County had lowered the leachate level at their Compost Facility wastewater pond in preparation of the storm. No problems reported at this time.
- The town of Pinehurst requested activation of its three temporary disaster debris storage sites. Sites will be activated on Sunday if needed. Town officials will notify the Solid Waste Section after the event to proceed further with activation.
- RLR Inc. requested activation of the temporary disaster debris storage site in Columbus County today. The site is just outside the town limits of Chadbourn. The site is now activated for use and has been set up to store construction and demolition waste and land-clearing debris.
- Robert Hearn, Environmental Senior Specialist is at the EOC today until 6 p.m. The number for the EOC Solid Waste Desk is (919) - 733-3797

Additional Information

- Division of Waste Management Superfund Section staff (Bruce Parris, Jim Bateson) provided Inactive Hazardous Sites Branch (Superfund section) site inventory database and location data to US EPA Region 4 Superfund Removal On-site Coordinators, who are preparing GIS maps for post-storm damage assessments. Coordination will be ongoing.

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.

Only parks at Carolina Beach and Fort Macon have done initial assessments; no significant damage reported.

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 which field staff in affected parks remain in housing inside those parks and which 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 today, Sunday and Monday to review reports from parks and to discuss plans for potential reopening of parks.

AQUARIUMS

N.C. Aquarium on Roanoke Island (NCARI)

Current Situation

- Winds are currently at 30 mph with gusts to 63 out of WNW switching back to SE.
- We have had 4" of rain.
- No power loss at NCARI or JP at this time.
- NCARI has no exterior structural damage noted at this time.
- Wind-driven rain has created a leak in the Aquarium lobby with damage to ceiling tiles.
- Several new leaks have been identified; none are causing any major problems.
- Aquarium director and two aquarists are at the aquarium.
- Jennette's Pier has cosmetic exterior damage noted at this time. The large security gates have been blown off their hinges.
- 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.

Current Priorities

- Maintain watch for exterior and interior damage.
- NCARI director and two staff are feeding and caring for all animals.
- Identifying new leaks.
- Identifying any structural damage.
- Jennette's Pier Manager is monitoring the pier and will provide new information later this afternoon.

N.C. Aquarium on Pine Knolls Shore

No new information since previous situational report.

N.C. Aquarium at Fort Fisher

Current Situation

- No damage to N.C. Aquarium at Fort Fisher building or grounds
- Staff on-site through the storm performing maintenance tasks, e.g.; feeding animals
- 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.
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REGIONAL OFFICES

Washington

- Washington streets are flooded.
- The area is still without power. (However, the office is equipped with a backup generator.)
- Still experiencing major winds and heavy rain.

Fayetteville

No new information since previous situational report.

Raleigh

- Some wind and rain continues, but no damage to building or property has been observed.

Wilmington

- Area is without power. However, the office has a back-up generator.
- No damage to the building or property.

WATER RESOURCES

- The Public Water Supply Section is canvassing water treatment systems for their current operational status. We have had some specific reports into our event tracking system, mostly from systems in southern coast section of the state. Of those systems who have reported, most systems are operating normally, although some are on backup power.
- One system in Brunswick County is under a boil water advisory because the system lost pressure and power during the night.
- Please see the attached spreadsheet that lists all the systems that have reported their status.

AIR QUALITY

Current Situation

No new information since previous situational report.

COASTAL MANAGEMENT

Current Status

- Elizabeth City District – There were rumors of a breach creating a new inlet across Hwy 12 between Frisco and Hatteras. EOC, DOT and Emergency Mgmt. confirm no breach, just overwash. DOT does report dune breaches at Hwy 12 in this area, but asphalt appears to be in place.
- Washington District - Minor leaks have been reported in the Washington Regional Office and the fence around the motor pool parking area has been damaged. Severe flooding is associated with the storm surge in Beaufort County. Numerous reports of downed trees and damage.
- Morehead City District - Bogue Pier and Sheraton Atlantic Beach Pier have major damage. Numerous reports of flooding, structural damage, erosion and power outages.
- Wilmington District – All staff reporting safe and secure. Reports of flooding, structure damage, beach erosion, power outages
- Bonnie Bendell is currently working in the state EOC. She can be reached at the EOC at 919-733-5503 or by cell at 919-609-1817.

LAND RESOURCES

Current Situation

- No problems with dams noted as of 2 p.m. by staff at Emergency Operations Center, Washington Regional Office, Wilmington Regional Office or Raleigh Regional Office.
- Wilmington and Washington Regional Office staff are waiting to begin assessments until sustained tropical force winds subside.
- A schedule to staff the EOC 24 hours per day has been extended through Monday, Aug. 29.

Operational Priorities

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

MARINE FISHERIES

Current Situation

- For DMF all operations, facilities and equipment are the same as the previous report. Staff in contact with supervisors have reported conditions in their area.
- There are widespread power outages, trees on roads, and widespread flooding. There are reports of houses flooded in Bath, Belhaven, Lowland and Oriental. We received a report that the Oceana Fishing Pier in Atlantic Beach has been destroyed and there is widespread damage to dunes and homes in Emerald Isle. Many areas have curfews.

WATER QUALITY

Current Status

- Washington and Fayetteville Regional Office staff all report to be ok.
- Brunswick Co. - Carolina Beach – transformer on back-up generator blew, untreated wastewater going to Cape Fear. Primary power to wastewater treatment plant was later restored. Carolina Beach sewage collection system has numerous sewer system overflows (SSOs). However, most of the pump stations still have power. Wilmington Regional Office notified.
- Perquimans Co. – Hertford – reported high water alarms at pump stations. Vacuum trucks available. No spills reported.
- Robeson Co. – Lumberton - reported SSO of 200 gallons.
- Tyrell County – Columbia – Wastewater treatment plant offline. Not sure of cause – lightning? tornado? Requested generator from Emergency Management. May be a couple of days before power renewed. Washington Regional Office notified.
- Wayne Co. – Freemont – This facility has a dual system – has spray irrigation and can also pump waste to Goldsboro. Called Friday night to say freeboard in one of the lagoons still compliant but close. Were taking measures to manage situation by equalizing levels with other lagoon and sending waste to Goldsboro as needed.
- Ken Rhames – EPA Region 4 –Wilmington Coast Guard will do ground surveys of marinas; will assess facilities that transport oil over water.

Next Steps

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

Water System Assessments 8/27/2011

| County | PWS Id | Water System | System Type | Status | Use Restriction | Comments | Population | Admin Contact | Admin Phone | Date Updated | Completed by |
|-------------|-----------|--------------------------------|-----------------------------|---|---------------------|--|------------|------------------|--------------|-----------------|----------------|
| | | | | | | Reported by Glen Walker. Brunswick Co Water System's Northwest surface WTP still has intermittent electrical power but is on generator power right now. Have not heard from Dist crew yet. | | | | | |
| BRUNSWICK | NC0410045 | BRUNSWICK COUNTY WATER SYSTEM | COMMUNITY | Normal Operations | none | | 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 | NC7010054 | CHADWICK MHP | COMMUNITY | Need Bacti and Cl results to clear advisory | Boil Water Advisory | reported by Bryan Chadwick. System lost power and pressure during the night. | 90 | CHADWICK, KLARA | 910-371-3373 | 8/27/2011 13:13 | 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 | 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 | 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 |
| NEW HANOVER | NC0465010 | CFPUA-WILMINGTON | COMMUNITY | Normal Operations | none | reported by Jim Tayson | 132,936 | RICHARDSON, MIKE | 910-332-6739 | 8/27/2011 13:11 | Diane Williams |
| 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 |