

NCDENR Situation Report (SITREP) for 09-03-2010 1500 hours

N.C. Division of Aquariums:

Fort Fisher

Facility Status – Open: no impacts, normal power.

Pine Knoll Shores

Facility Status – Will open to the public on normal schedule. Evacuation orders dropped.

Roanoke Island

Facility Status -- Closed to public Friday 9/3, but mandatory evacuation orders lifted at noon today.

Actions taken: No major damage to buildings – several minor building leaks. Facility has normal electrical power with generator backup.

N.C. Division of Soil and Water Conservation:

- No reports of damage to any livestock facilities at this time.
- There were minimal effects in the Wilmington Regional Area. Livestock operations in the Washington Regional Area may have received approximately one inch of rain. No calls about flooding or high freeboard levels at this time.
- Field staff will be making contacts through the day to evaluate the situation.

N.C. Division of Forest Resources:

- DFR night shift personnel working at the Eastern Branch Regional Coordination Center in Kinston continued monitoring the status of the hurricane. Short-team is expected to be released this afternoon.
- Ten two-person chainsaw crews were demobilized at 11 a.m. today

N.C. Division of Marine Fisheries:

- DMF is actively responding and making great progress with removing tires washed ashore on the Bogue Banks area beaches and working with town officials from Atlantic Beach and Pine Knoll Shore to remove the tires from the beaches as quickly as possible. Some tires are below the high tide mark so it may take a couple of low tides for staff and equipment to be able to remove all those tires.
As part of its artificial reef program, in the 1970s the Division of Marine Fisheries constructed artificial reefs made of tires for fish habitat and to produce attractive fishing grounds. The practice of using tires for artificial reefs has been discontinued for many years. However, tires from these old reefs are sometimes loosened during storms and wash ashore.
- Division staff is surveying other beaches south of Bogue Banks to determine if tires washed ashore on those beaches and will respond appropriately.
- DMF Marine Patrol has been asked to provide aerial flights to the Division of Coastal Management staff so they can assess coastal damage to the Outer Banks and other coastal areas. Flights will occur once winds subside enough to ensure flight safety.
- All offices and staff are back to normal operations except for Manteo. The Manteo office does not have power but the office has been inspected and there are no damages.

N.C. Division of Environmental Health:

Environmental Health Services:

Staff contacted several coastal counties for situational reports; reports are as follows:

- Dare County: Damage is not as severe as expected. Localized flooding and power outages. No assessments of DENR-regulated facilities have taken place.
- Currituck County: no damage.
- No report from Hyde County.

A press release was distributed Sept. 3 reminding people affected by H. Earl what the proper methods of disposal are for food items.

Public Water Supply:

The Washington Regional Office and Wilmington Regional Office have surveyed approximately 80 percent of the water systems along the coast that are in the area affected by Hurricane Earl. Public water supplies are largely unaffected as shown in the Post Event Tracking Database at: <https://www.deh.enr.state.nc.us/hurricane/>. See spreadsheet below:

Water System Assessments 9/3/2010

County	PWS Id	Water System	System Type	Status	Use Restriction	Comments	Population	Admin Contact	Admin Phone	Date Updated	Completed by
BEAUFORT	NC0407558	PCS PHOSPHATE-CENTRAL MAINT	COMMUNITY	Normal Operations	none		408	SMITH, ROSS	252-322-8283	9/3/2010 11:22	Harry Bailey
BEAUFORT	NC0407545	PCS PHOSPHATE-MILL OFFICE	COMMUNITY	Normal Operations	none		130	SMITH, ROSS	252-322-8283	9/3/2010 11:20	Harry Bailey
BEAUFORT	NC0407559	PCS PHOSPHATE-SFA/FERT	COMMUNITY	Normal Operations	none		192	SMITH, ROSS	252-322-8283	9/3/2010 11:23	Harry Bailey
						Brandywine Bay WS Eddie Baldwin, CWS System valved off elevated tank during storm, running only on pressure tank; system pressure dropped below 20 psi when filters when into backwash mode. System is currently pressurized with good chlorine residual CWS notified customers today 9/3 via phone alert system re pressure advisory; collecting coliform samples today 9/3					
CARTERET	NC0416163	BRANDYWINE BAY	COMMUNITY	Need Bacti and CI results to clear advisory	Boil Water Advisory		2,143	ROLLINS, MARY	704-525-7990	9/3/2010 8:51	Diane Williams
CURRITUCK	NC0427424	BELL'S ISLAND CAMPGROUND	TRANSIENT NON-COMMUNITY	Normal Operations	none		160	PRIVOTT, WILLIAM	252-232-2590	9/3/2010 11:15	Harry Bailey
CURRITUCK	NC0427117	COROLLA LIGHT UTILITIES	COMMUNITY	Normal Operations	none		1,250	ROLLINS, MARY	704-525-7990	9/3/2010 10:52	Harry Bailey
CURRITUCK	NC0427123	CURRITUCK CLUB WATER COMPANY	COMMUNITY	Normal Operations	none		869	ROLLINS, MARY	704-525-7990	9/3/2010 10:51	Harry Bailey
CURRITUCK	NC0427010	CURRITUCK COUNTY WATER SYSTEM	COMMUNITY	Normal Operations	none		12,494	IRWIN, PAT	252-232-6061	9/3/2010 11:33	Harry Bailey
CURRITUCK	NC0427120	MONTERAY SHORES WATER SYSTEM	COMMUNITY	Normal Operations	none		1,188	ROLLINS, MARY	704-525-7990	9/3/2010 10:51	Harry Bailey
CURRITUCK	NC0427015	PINE ISLAND UTILITIES	COMMUNITY	Normal Operations	none		744	FREED, BILL	252-491-5277	9/3/2010 10:53	Harry Bailey
CURRITUCK	NC6027001	SOUTHERN OUTER BANKS WTR SYST	COMMUNITY	Normal Operations	none		2,995	CARAWAN, BENJAMIN	252-453-2370	9/3/2010 9:37	Harry Bailey
						Area where well is located has flooded. System is currently closed for business and will not reopen until Advisory is cleared. Dare County Health Department has been contacted.					
DARE	NC0428469	AVON CAFE	TRANSIENT NON-COMMUNITY	Need Bacti and CI results to clear advisory	Boil Water Advisory		52	HENDERSON, MICKEY	252-995-7866	9/3/2010 10:44	Harry Bailey
DARE	NC0428126	CAMP HATTERAS	TRANSIENT NON-COMMUNITY	Normal Operations	none		1,064	WELLS, JEFF	252-987-2777	9/3/2010 9:24	Harry Bailey
DARE	NC0428025	DARE CO-CAPE HATTERAS WATER	COMMUNITY	Normal Operations	none		5,486	FLATT, KEN	252-475-5606	9/3/2010 9:37	Harry Bailey
DARE	NC0428035	DARE CO-RWS WATER SYSTEM	COMMUNITY	Normal Operations	none		1,808	FLATT, KEN	252-475-5606	9/3/2010 9:41	Harry Bailey
DARE	NC6028002	DARE CO-STUMPY POINT WATER SYS	COMMUNITY	Operating on backup power	none		269	SELBY, PAUL	252-473-6609	9/3/2010 9:36	Harry Bailey
DARE	NC0428030	DARE COUNTY WATER SYSTEM	COMMUNITY	Normal Operations	none		22,766	FLATT, KEN	252-475-5606	9/3/2010 9:38	Harry Bailey
DARE	NC0428015	KILL DEVIL HILLS, TOWN OF	COMMUNITY	Normal Operations	none		6,900	TAWES, DAVID	252-480-4088	9/3/2010 9:12	Harry Bailey
DARE	NC0428020	MANTEO TOWN OF	COMMUNITY	Normal Operations	none		1,296	PHARR, NATHAN	252-473-3513	9/3/2010 9:06	Harry Bailey
DARE	NC0428010	NAGS HEAD, TOWN OF	COMMUNITY	Normal Operations	none		3,125	CARAWAN, NANCY R	252-449-4210	9/3/2010 9:07	Harry Bailey
DARE	NC0428125	ROANOKE SHORES CONDOMINIUMS	COMMUNITY	Normal Operations	none		54	TWIDDY, TOMMY	252-480-5514	9/3/2010 9:43	Harry Bailey
DARE	NC6028005	THE REFUGE ON ROANOKE ISLAND	TRANSIENT NON-COMMUNITY	Normal Operations	none		163	FEARING, MALCOLM	252-473-2208	9/3/2010 9:42	Harry Bailey
DARE	NC6028004	THICKETT LUMP MARINA	TRANSIENT NON-COMMUNITY	Normal Operations	none		150	DAVIS, ELAINE	252-473-4500	9/3/2010 12:20	Harry Bailey
DARE	NC0428461	WHITES MHP	TRANSIENT NON-COMMUNITY	Normal Operations	none		170	WHITE, WADE	252-473-2256	9/3/2010 11:05	Harry Bailey
HYDE	NC0448010	HYDE COUNTY WATER SYSTEM	COMMUNITY	Normal Operations	none		5,146	THOMAS, ROBERT	252-926-4196	9/3/2010 10:57	Harry Bailey
HYDE	NC0448020	OCRACOKE SANITARY DISTRICT	COMMUNITY	Normal Operations	none	Line power restored @ 12 noon.	800	TOLSON, DAVID	252-428-5791	9/3/2010 9:03	Harry Bailey
								BLISS, JOSEPH			
PAMLICO	NC0469438	CAMP DON-LEE	TRANSIENT NON-COMMUNITY	Normal Operations	none		200	SAMUEL	252-249-1106	9/3/2010 9:05	Harry Bailey
PAMLICO	NC0469020	ORIENTAL WATER SYSTEM	COMMUNITY	Normal Operations	none		1,048	ARTLEY, HEIDI	252-249-0555	9/3/2010 9:05	Harry Bailey
PAMLICO	NC0469025	PAMLICO COUNTY WATER	COMMUNITY	Normal Operations	none		16,883	GERARD, AL	252-745-5453	9/3/2010 9:08	Harry Bailey
TYRRELL	NC0489010	COLUMBIA WATER SYSTEM	COMMUNITY	Normal Operations	none		1,089	OLIVER, TIM	252-796-2781	9/3/2010 9:25	Harry Bailey
TYRRELL	NC0489015	TYRRELL COUNTY WATER	COMMUNITY	Normal Operations	none		3,177	SPENCER, JOHNNY	252-796-0471	9/3/2010 9:42	Harry Bailey

The water systems are prepared by having adequate water in elevated storage tanks to keep a positive pressure throughout the system with a chlorine residual. Most of the systems did not have an extended power outage. As of noon on Sept. 3, there were only two water systems identified that were awaiting bacteriological samples to remove a boil advisory.

The regional offices will be available by pager throughout the weekend. They can receive any potential requests for assistance and forward them through our normal response communication channels to obtain that assistance.

Shellfish Sanitation and Recreational Water Quality:

Morehead City office is back to full operations.

All Nags Head staff has arrived with no problems at their homes, and the Nags Head office is operational. Currently, it is still raining and staff will provide additional information when Earl has passed. A recommendation was made to the Division of Marine Fisheries to temporarily close waters to shellfishing 100 yards offshore, on the sound-side, between

the north side of Ocracoke Inlet and the south side of Oregon Inlet. The DMF issued closure Proclamation. Routine sampling will resume on Tuesday, Sept. 7.

Pest Management and On-site Water Protection

Staff will remain on standby in case local health departments request assistance.

N.C. Division of Land Resources:

- Prepared list of “Dams of Concern” for the eastern region to include in situation reports.
- Storm did not generate any impacts to the “Dams of Concern.”

N.C. Division of Air Quality:

- Washington Region reports quiet. Plastic sheeting (that covered the office equipment over night) has been removed. There were no roof leaks or power failure in the Washington Regional Office. Air monitoring technician manually ran the ambient monitoring site telemetry calls; no problems reported. Will later decide whether site visits are needed.

N.C. Division of Water Quality:

Washington Regional Office

- Wastewater Treatment Assessment:
 - Survey of facilities yielded no major problems. No facilities shut down or providing partial treatment.
 - Manteo, Dare Co. – Due to power outage, one lift station operating under back-up generator power.
 - Kill Devil Hills, Dare Co. – Had one electric panel at a lift station blow over. Lift station only serves a Dairy Queen that is closed. Staff will fix when weather permits.
- Animal Operations:
 - Follow-up conducted with impacted area. No incidents identified.
 - Minimal rainfall over most of area with minimal impact to field conditions.
- Stormwater Management:
 - Regional staff has confirmed with N.C. Department of Transportation that there is not a need to pump/drain stormwater off portions of NC 12 (which would be directed towards the sound) as part of clearing and restoration activities to open NC 12.

Wilmington Regional Office

- Surface Water Protection
 - Targeted towns - Tabor City, Wallace, Newport, Carolina Shores, Chadbourne – report no problems with collection systems or wastewater treatment facilities.
 - Facilities in Carteret County – the region’s most northern and potentially affected area – Beaufort and Morehead City, reported no problems. Taylor Extended Care lost power but their backup generator kicked in with no problem. Aquifer Protection

N.C. Division of Waste Management:

Solid Waste Section:

- EOC staffing ending today.
- Eastern District field staff is contacting local governments to see if they need any assistance addressing debris issues.
- No new temporary disaster debris staging sites have been activated.

N.C. Division of Parks and Recreation:

- Damage Assessment: No significant damage to natural resources or facilities.
- All parks open.
- Ferry service to Bear Island at Hammocks Beach State Park and camping access there expected to resume Sat. morning.

N.C. Division of Coastal Management:

- NCDPCM Director and NCDPCM Coastal Hazards Specialist plan to fly the coast today to assess storm impact when winds are low enough for safe operation. Staff has not yet been able to make this fly-over.
- **Morehead City office:** Reopened at 10 a.m. today. Damage reports:
 - Minor flooding reported along N.C. 12 near Cedar Island
 - No storm related damage reported in Pine Knoll Shores; tires washed up on the beach from an old artificial reef.
 - Emerald Isle – bridge reopened to the public, no storm related damage reported
- **Elizabeth City office:** Damage reports:
 - NC 12 shut down in places due to sand and water on the road; DOT road crews working to remove sand
 - One house in S. Nags Head fell into the water; the house was already slated for demolition.
 - Very little dune erosion
 - Sound-side flooding
- **Washington Office:** No significant damage reported.
- **Wilmington Office:** Staff conducted beachfront survey from New River Inlet through Wrightsville Beach – no visible damage or beach erosion observed.
- **Coastal Reserves:** Damage reports:
 - Kitty Hawk office - power is out at the office; site manager is conducting site visits at Currituck Banks and Kitty Hawk Woods. Buxton Woods will be visited once conditions in that area improve.
 - Columbia office - office is open; site manager will visit the site once conditions improve
 - Beaufort - office is open; site manager is conducting a site visit at Rachel Carson
 - Wilmington - Office is open
 - Additionally, the five closed sites, excluding Buckridge, will be surveyed by air once the director is able to fly the coast to assess damages. Sites will reopen once the site visits are complete and the sites are deemed safe for visitors.