



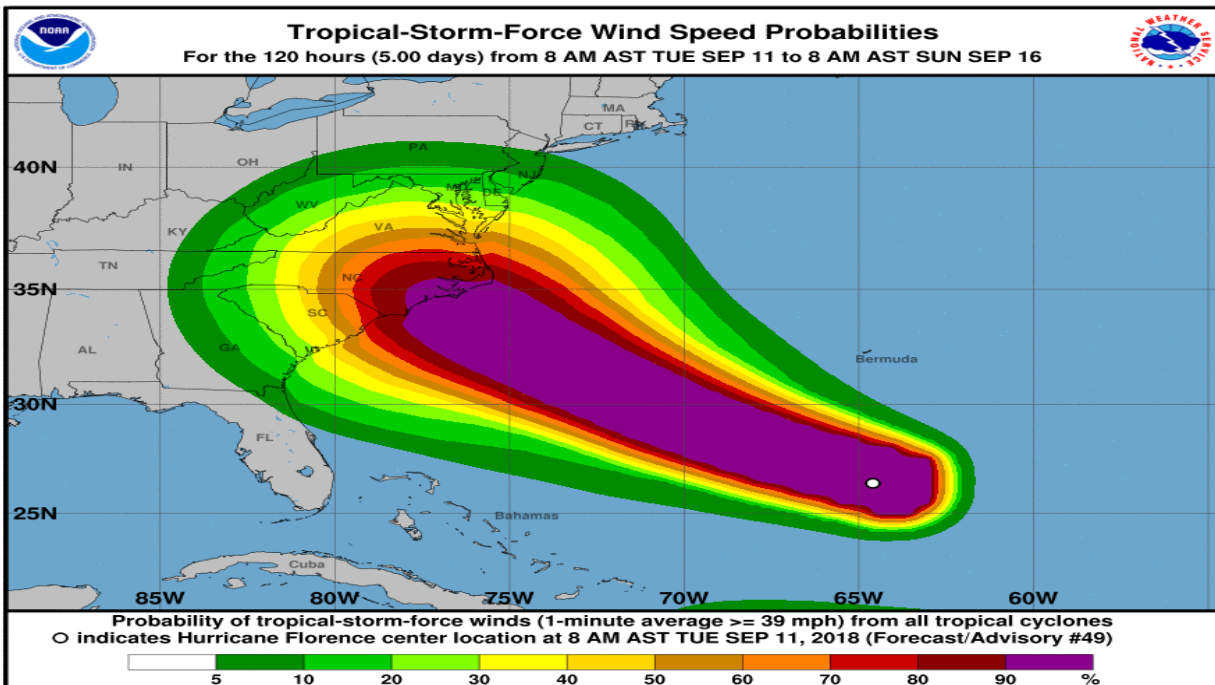
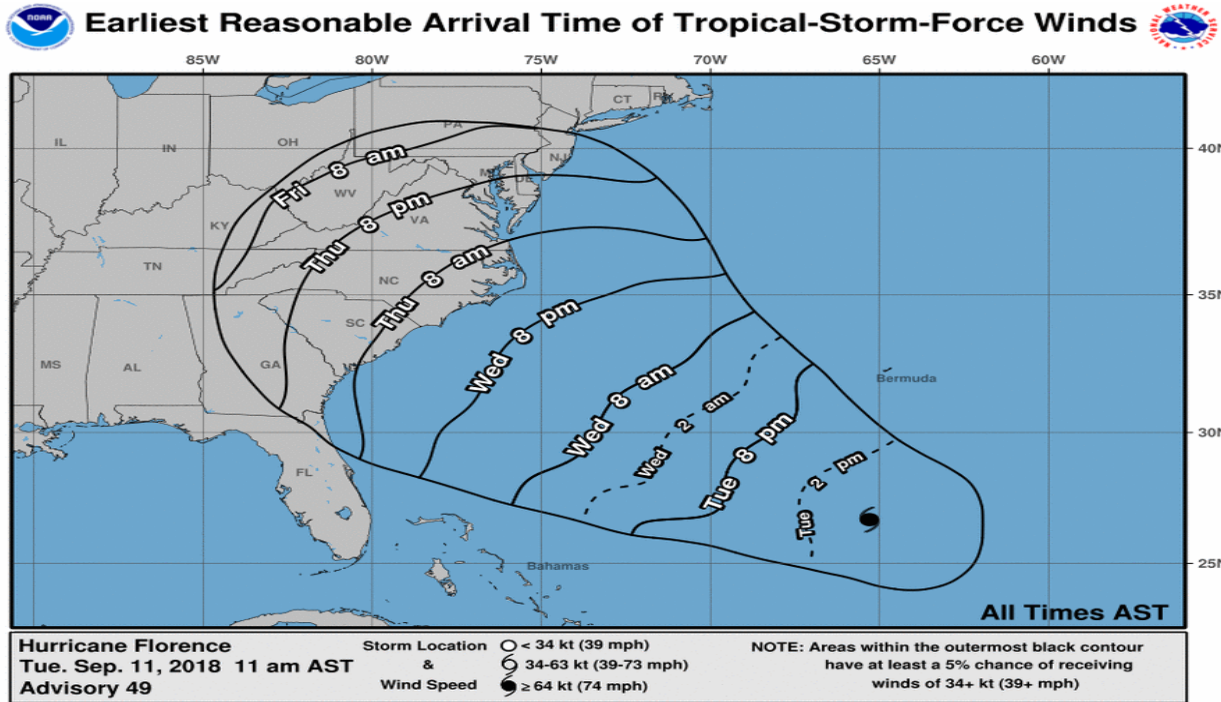
We Are Columbia

# City of Columbia Incident Response Brief

September 11, 2018 | 3:00 p.m. |

## Hurricane Florence

The following is a status update for the City of Columbia's Incident Response to Hurricane Florence. *Updates as of 3:00 p.m.*



## Current & Planned Objectives\*

- Ensure the protection of lives, property and the surrounding environment.
- Maintain essential public safety response.
- Identifying and establishing temporary sheltering locations.
- Maintain essential utility functions and critical infrastructure.
- Establish and maintain situational awareness with partner agencies.
- Manage critical resources in emergency situations (water, food, ice, etc.)
- Communicate with the public regarding preparation and safety information.
- Prepare to respond to transportation needs for the public.
- Maintain essential governmental services.



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### Public Works Department

#### Solid Waste

- Checking fleet to ensure readiness
- No current issues

#### Street Division

- Checking fleet and equipment to ensure readiness
- No current issues

#### Traffic Engineering

- No current issues

#### Forestry & Beautification

- Checking fleet and equipment to ensure readiness
- No current issues

#### Support Services

- Staff has checked the inclement weather center to ensure its readiness if needed

#### Fleet Services

- Staff is monitoring fuel levels and will work toward keeping the tanks at capacity
- The generator at Station 16 (Harbison) is down with a water pump issue.
  - o The water pump is on backorder with no expected arrival date.
  - o Fleet staff has contacted the vendor to see if they have a loaner generator which they have stated there is not one in stock.



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## Columbia-Richland 911 Communication Center

- CRC 911 is continuing normal operations
- Staffing levels are consistent with daily operational staffing and will be adjusted accordingly based on call volume and demand.

	9/10/2018									
<b>Phones</b>	<b>(07:00 – 14:00)</b>									<b>Total</b>
911	332									
Admin	622									
<b>Daily Total</b>	<b>954</b>									
<b>Agencies</b>										
CPD	170									
CFD	26									
RCSD	152									
RCEMS	85									
Public W	0									
<b>Daily Total</b>	<b>433</b>									



Columbia Water

Columbia Water & Operations Preparation:

Key personnel have been briefed and are readied for mobilization. Emergency contact list below:

HURRICANE FLORENCE EMERGENCY CONTACT INFORMATION		
	OFFICE PHONE	CELL PHONE
Clint Shealy	733-8682	240-6350
Joey Jaco	545-3289	315-5597

9/10/2018, 15:00 Status:

- Key personnel have been notified and are on standby for storm response

**Customer Care Preparation:**

Key personnel have been briefed and are readied for mobilization. Emergency contact list below:

HURRICANE EMERGENCY CONTACT INFORMATION		
	OFFICE PHONE	CELL PHONE

9/10/2018, 15:00 Status:

- Customer Care will staff the 803-545-3300 call center at normal staffing levels 24/7 as usual. They will continue to accept and route non-emergency calls throughout the event.
- Walk-in bill-pay counters will remain open during normal business hours. If the City institutes an operational shut-down, these centers will close to the public. Call-in capabilities will remain open.

**Water Works Preparation:**

Key personnel have been briefed and are readied for mobilization. Emergency contact list below:

HURRICANE FLORENCE EMERGENCY CONTACT INFORMATION		
	OFFICE PHONE	CELL PHONE
<b>CANAL</b>		
Canal Control Room	733-8336	
Canal Guard Shack	401-8845	
Gordon Alexander	733-8339	413-8281 / home 788-9917
Christopher Lampkin	733-8341	413-8990 or 1-843-991-8544
Rick Hiers	476-0955	917-5420
<b>LAKE MURRAY</b>		
Lake Murray Control Room	781-2181	
Lake Murray Guard Shack	749-5825	
Trey Varn	749-5854	727-0451 / 606-1053
David Sharpe	749-5858	600-2979 / home 781-8754

9/10/2018, 15:00 Status:

- Both plants

- Maintaining full fuel levels in all plant vehicles
      - Ensuring that plant generators are operational and have full fuel tanks
      - Maintaining the clearwells at full volume
      - Securing loose equipment and materials around the plant site
      - Inventorying chemical supplies
      - Calibrating critical process control instruments
      - Scheduling personnel for the storm event
      - Inventorying food supplies, sleeping and emergency gear for any needed additional round-the-clock staff
      - Holding meetings and distributing information as needed to coordinate preparedness for the storm
    - Additional activities at Columbia Canal plant
      - Maintaining the raw water reservoir at full volume
        - Inspecting and monitoring the canal embankment and head gates for storm readiness
        - Instructing the construction crews on the plant site to secure their equipment and materials
        - Inventorying temporary bypass piping
        - Arranging for delivery of temporary pipe-fusing equipment and portable pumps

**Water Distribution Preparation:**

Key personnel have been briefed and are readied for mobilization. Emergency contact list below:

<b>HURRICANE FLORENCE EMERGENCY CONTACT INFORMATION</b>		
	OFFICE PHONE	CELL PHONE
<b>MAIN OPERATIONS</b>		
James Johnson	545-3877	413-7636
Jeremy Yates	545-3881	429-5908
Mack Paul	545-4194	413-3401
Keith Harmon		600-6408
<b>GENERAL NUMBERS</b>		
Water Maintenance Work Orders (Call Customer Care)	545-3300	

9/10/2018, 15:00 Status:

- Staff will be checking generators and fuel levels in anticipation of power outage

- Emergency vehicles fueled and staged
- By-Pass pumps are staged and topped off with fuel
- Extra emergency crews are on stand-by for call in as needed
- We will continue to monitor the progress and weather forecast and make adjustments as necessary

**Metro Wastewater Plant Preparation:**

Key personnel have been briefed and are readied for mobilization. Emergency contact list below:

<b>HURRICANE FLORENCE EMERGENCY CONTACT INFORMATION</b>		
	OFFICE PHONE	CELL PHONE
<b>MAIN OPERATIONS</b>		
Ashley Dove – MAIN CONTACT		730-8543
John Riggs		528-4238
<b>LEAD OPERATOR</b>		
Lead Operator (contact will change )		413-8376
<b>SSO STATUS</b>		
Stephen Sealy	545-0208	465-7331
<b>LIFT STATIONS</b>		
Ashley Dove		730-8543
<b>GENERAL NUMBERS</b>		
Metro Main Line	545-0224	

9/10/2018, 15:00 Status:

- Emergency vehicles, generators and by-pass pumps are completely fueled
- Essential staff will be stationed on site
- Extra emergency crews are on stand-by for call in as needed
- Smart cover test alarm executed
- We will continue to monitor the progress and weather forecast and make adjustments as necessary

**Wastewater Maintenance Preparation:**

Key personnel have been briefed and are readied for mobilization. Emergency contact list below:

<b>HURRICANE FLORENCE EMERGENCY CONTACT INFORMATION</b>		
	OFFICE PHONE	CELL PHONE
<b>MAIN OPERATIONS</b>		
Jody Harley	545-3913	600-5618
Matt Ramsey	545-0415	807-0335
Jason Manchee		603-4544

Martin Golston		603-7318
Prentiss Brooks		600-7321
<b>CRITICAL MANHOLE/ WWM SMARTCOVERS</b>		
Stephen Nabholz		760-5835
Ron Nixon		760-6292
Reginald Tyler		673-2343
Kevin LaVaughn		530-6759
<b>GENERAL NUMBERS</b>		
WW Maintenance Main Line	545-3911	

9/10/2018, 15:00 Status:

- All WWM Bypass Pumps test-started and fueled:
  - (3) 4" Pumps available
  - (3) 8" Pumps available
  - Pump staging at 4013 W. Beltline Facility in process
- WWM Emergency Lighting test-started and fueled:
  - Lighting staged at 4013 W. Beltline Facility
- All WWM Heavy Equipment Test-started. Fuel top-off in process
  - "Skid Steer" with Grapple Bucket Attachment loaded
  - Boom Truck staged with Plates loaded
  - Vac-trucks will be monitored for readiness while in use
  - The following heavy equipment will be staged at Metro WWTP:
    - (2) Heavy Backhoes
    - (1) Mid-size Backhoe
    - (1) 336 Excavator
    - (1) Rubber-tire Front-end Loader
    - (1) "Low Boy" with 320 Excavator loaded
  - All other heavy equipment will be staged at 4013 W. Beltline Facility
- Debris Boxes empty and staged for mobilization
- Chain Saw fuel top off and supply preparation in process
- Rock pile stock top-off in process

**Engineering Preparation:**

Key personnel have been briefed and are readied for mobilization. Emergency contact list below:

<b>HURRICANE FLORENCE EMERGENCY CONTACT INFORMATION</b>		
	OFFICE PHONE	CELL PHONE
<b>MAIN OPERATIONS</b>		
Dana Higgins	545-3285	351-2386
Andrea Bolling	545-3379	413-7981
Jennifer Satterthwaite	545-0184	995-2471
<b>WATER ENGINEERING/ SUPPORT</b>		

Jason Shaw	545-3287	528-7677
Frank Wilder		
Wesley Williams		
Andre Black		
Brian Maier		
<b>FLOOD PREPARATIONS</b>		
Mike Jaspers	545-0076	730-4021
Ali Khan	545-3386	528-7022
<b>CONSTRUCTION/ CONTRACTOR RESPONSE</b>		
Michael Sheu	545-3327	240-9412
Sam Catoe	545-3226	600-1474
Jeff Jeffers	545-3279	600-8431
<b>GENERAL NUMBERS</b>		
Engineering Main Line	545-3400	

9/10/2018, 15:00 Status: The projects listed below are under construction and may be impacted by the pending storm.

- Bull Street/Wallace – The contractor is setting the box in Franklin that connects the 60” to the 84” today/tomorrow. Once this connection is completed, the flow will be out of Cottontown into the 84” in Bull Street going into the twin 84” across Bull Street. This is an improvement of conveyance over the old. Prior to the contractor leaving for the last time before any major rain/storm hits, the box will be contained (may not be sealed) but the vast majority of any flow will be to the new 84”.
- Gills Creek Waterline – Steve (NAPM) is delaying his start on the drilling due to the pending hurricane.
- CR Jackson – Sewerline @ Ballpark by Railroad...John Riggs
- Sewer Manholes in Gills Creek – John Riggs



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## Parks & Recreation

### Transportation buses located at Fleet Services:

- Bus #1: 30 passengers
- Bus #2: 28 passengers, handicap bus
- Bus #3: 25 passengers
- Van #1: 15 passengers
- Van #2: 15 passengers

### Emergency Contact



- Randy Davis (803) 413-6447

### Facilities If Needed

- MLK Park, 2300 Greene Street
- Hyatt Park, 950 Jackson Avenue



## Public & Media Relations

The following information has been distributed to the public and media through communications platforms:

### **Gov. Henry McMaster Orders Mandatory Evacuations for Coastal Counties Effective Tomorrow, September 11 at Noon**

*Governor Also Issues Executive Order Closing Specific Schools and State Government Offices to Ease Traffic*

**COLUMBIA, S.C.** – Governor Henry McMaster, in coordination with local officials, has issued [Executive Order 2018-29](#), which orders the evacuation of coastal South Carolina residents for their personal safety as Hurricane Florence approaches. Residents in all hurricane evacuation zones must evacuate beginning no later than NOON TUESDAY, SEPT. 11.

Evacuation shelter locations will be available on [scemd.org](http://scemd.org) and in the SC Emergency Manager mobile app as soon as they are opened.

Evacuees should pack the following essential items in anticipation of a potentially prolonged evacuation period: required medications, adequate clothing, and essential personal items. Residents going to evacuation shelters should bring their own blankets, pillows, cots, and special food items if they are on restricted diets.

Individuals and families should plan to board pets with veterinarians, kennels, or other facilities in non-vulnerable areas. Pets are not allowed inside Red Cross evacuation shelters.

The governor also issued [Executive Order 2018-30](#), which orders school closures and closures of all state government offices for all non-essential personnel in the following counties, beginning tomorrow, Tuesday, September 11: **Aiken, Allendale, Bamberg, Beaufort, Barnwell, Berkeley, Calhoun, Charleston, Colleton, Clarendon, Darlington, Dillon, Dorchester, Florence, Georgetown, Hampton, Horry, Jasper, Lexington, Lee, Marion, Marlboro, Orangeburg, Richland, Sumter, and Williamsburg.**

People who live in the following coastal areas must evacuate beginning noon Tuesday. Residents who do not know their zones can visit [SCEMD's "Know Your Zone" website](#) where they can enter their address and be given their precise zones and view detailed maps of the zones.

#### **Northern South Carolina Coast (All Zones)**

- Horry County Evacuation Zones A, B, C
- Georgetown County Evacuation Zones A, B, C

#### **Central South Carolina Coast (All Zones)**

- Charleston County Evacuation Zones A, B, C
- Dorchester County Evacuation Zones D, E, F
- Berkeley County Evacuation Zones B, G, H, I

#### **Southern Coast (All Zones)**

- Colleton County Evacuation Zones A, B
- Beaufort County Evacuation Zone A
- Jasper County Evacuation Zones A, B

**Lane Reversals and Evacuation Routes (All evacuation routes and zones are detailed in the [2018 S.C. Hurricane Guide](#)):**

The S.C. Department of Public Safety and the S.C. Department of Transportation along with supporting agencies will at noon tomorrow reverse the direction of traffic along certain evacuation routes to ease the flow of traffic away from the coast:

Charleston to Columbia: A full four-lane reversal on I-26 in Charleston will begin at the interchange of I-26 and I-526. The full reversal continues west until the I-26 crossover to I-77 just outside Columbia in Lexington County.

Horry County: Horry County has two four-lane reversals along US 501: SC 544 to US 378; and US 501: Between SC 22 (Conway Bypass) to SC 576 near Marion County.

For the Beaufort and Hilton Head area, we will poise and be ready to reverse US 278 and US 21 if traffic conditions warrant.

South Carolina’s emergency helpline is now active around the clock. Anyone with questions related to Hurricane Florence should call the Public Information Phone System at 1-866-246-0133.

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## City Cautions Drivers to avoid Flood-Prone Streets and Intersections

The City of Columbia urges drivers to use caution when driving during severe weather. The following streets and intersections are prone to flooding during heavy rain events. Please avoid these areas during and immediately after heavy rains.

Main and Whaley	Wheat and Amherst	Harden and Read
Gervais and Laurens	Adger and Devine	Harden and Calhoun
Blossom and Henderson	Wheat and Sumter	Franklin and Marion
Blossom and Saluda	Wheat and Pickens	Franklin and Sumter
Harden and Santee	Heyward and Ravenel	Columbia College and N. Main
Monroe and Maple	Pickens between Wheat and Green	Bull and Laurel
Two Notch and Read	Barnwell and Pendleton	

**\*Disclaimer: Locations above are places known to be flood prone. Actual flooding locations depend on storm strength, duration and location.**

If you encounter a flooded street or intersection, turn around; do not attempt to drive through it. Water may be deeper than it appears and can hide many hazards (i.e. sharp objects, washed out road surfaces, electrical wires, chemicals, etc.). A vehicle caught in swiftly moving water can be swept away in a matter of seconds. Twelve inches of water can float a car or small SUV and 18 inches of water can carry away large vehicles.

Stay away from storm-damaged areas to include damaged or downed trees and power lines to keep from putting yourself at risk from the effects of severe thunderstorms.

Continue to listen to a NOAA Weather Radio or to local radio and television stations for updated information or instructions, as access to roads or some parts of the community may be blocked.

Help people who may require special assistance, such as infants, children and the elderly or disabled.

Stay away from downed power lines and report them immediately.

To assist with keeping the storm drainage system working properly we would ask that yard debris and other items not be placed adjacent or next to drainage structures.

For additional safety tips on driving when streets are flooded, click [here](#).

If you notice a storm drain which is blocked by debris, please notify the Public Works Street Division at 545-3780 during regular business hours and Customer Care at 545-3300 after 5 p.m. and on weekends. An alternate non-emergency number is 252-2911. For emergencies please call 911.

- # # # -

Distributed the 2018 Hurricane Guide to the public and media, <https://www.scemd.org/stay-informed/publications/hurricane-guide/>



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## Parking Services

Parking Services will continue normal operations until further notice.

- The Parking Office will remain open at normal staffing levels as usual. If visitors and/or customers have questions they may call (803) 545-4015 or e-mail [parkingservices@columbiasc.gov](mailto:parkingservices@columbiasc.gov).
  - Staff needs, schedules, event parking, and basic operations are being closely monitored
  - Emergency Contact
    - o Elle Matney (803) 528-8578
- 



## Columbia Fire Department

There is a possibility that we will need to start hiring additional personnel starting Tuesday, September 11, to support these missions. **We have opened Operational Period 1 for planning purposes**, and are currently defining **two phases of this plan: pre-hurricane strike and post-strike**.

- In preparation for the hurricane, we will have our Mass Evacuation Bus (MERV 1) on standby for possible medical evacuation needs in the State. Chief Wells has been asked by DHEC to prep the bus, which could be deployed as early as today, Monday.
- Lane Reversal procedures are planned to commence on Tuesday (9/11 at noon). We plan on using two brush trucks and Engine Companies as rapid response vehicles on I77 to assist with calls for service along evacuation route corridors.
- We are ensuring that all station generators are operating correctly, and making sure all battalion chain saws are functioning to prepare for fallen trees. If the hurricane were to strike us, we will be prepared to up-staff for technical rescue needs. A shelter for the families of first responders will be identified depending on the threat of the hurricane's course.
- Post hurricane, there might be several demands for our specialized resources. We could potentially need specialized resources both here and for deployment to assist our neighbors. These could include a swift water rescue team, a collapse response team, or a regional HAZMAT response team. We are currently working to recruit staff to sign up for these teams. They could be working Tuesday through Sunday depending on where and when the hurricane strikes.
- We are encouraging our staff to come to work prepared (enough food and clothing) in case they are held over after their shift to maintain staffing.
-

**UPDATE: September 11, 2018 3:30 p.m.**

- This morning the department organized equipment and manpower in support of lane reversals on major highways.
- Crews are continuing to get equipment fueled and ready for the storm. We are also checking station generators.
- The department has received state requests for our medical evacuation bus and a collapse search and rescue team. The future track of the storm will determine how we respond to these requests and if we can deploy those resources. That determination will be made based on the needs of Columbia and Richland County
- We are also planning ways to call in additional crews during the storm if they become needed.

**Currently CFD is operating as normal and dealing with normal call volumes.**



## **Columbia Police Department**

- Conducted a meeting with the Chief, Senior Staff, and Region Commanders to review any specific tasks and to synchronize our efforts/actions.
- CPD Special Operations has conducted high water vehicle drivers training for approximately 20 CPD officers, 27 CFD Firemen, and CPD 2 code enforcement officers this afternoon. All understand they may be called upon to operate these vehicles this week for rescue strike teams.
- Support Services wired the CPD Special Operations Center (SOC) to operate off the generator at the Bluff Rd. Annex in the event of power outage.
- City IT has installed a printer for temporary usage in the CPD SOC.
- The Traffic Unit has identified personnel and is prepared to execute mass evacuation TCPs and lane reversal for the coastal evacuation on Sep 11, at 1200hrs.
- Region Commanders should have begun planning to combine A&C shifts and B&D shifts if needed to consolidate manpower for the duration of the storm and recovery.
- We started the portable generators today and all portable generators are ready to deploy if needed.
- The ATVs were also started today and ready for deployment with the exception of two that will be operational tomorrow.

### **CPD Next 24 Hours**

- We will verify coordination to have barricades prepositioned NLT Sep 12, at the high water/known flood areas.
- We anticipate to determine the use of the a trailer or box truck as a Pod Station to conduct water and food resupply.

### **Outstanding Tasks/Considerations**

- Determine the decision to continue with the Tunnel to Towers Run/Walk next week with the event organizers.