

BCC Mtg. Date: March 26, 2019

RESOLUTION

of the

ORANGE COUNTY BOARD OF COUNTY COMMISSIONERS

regarding

ORANGE COUNTY FLOODPLAIN MANAGEMENT PLAN, ORANGE
COUNTY REPETITIVE LOSS AREA ANALYSIS (PUBLIC VERSION)
AND THE ORANGE COUNTY PROGRAM FOR PUBLIC
INFORMATION

Resolution No. 2019-M-12

WHEREAS, Orange County participates in the Federal Emergency Management Agency's ("FEMA's") National Flood Insurance Program's Community Rating System Program ("CRS"), a program that provides reductions in flood insurance premiums; and

WHEREAS, Orange County followed the planning process prescribed by FEMA for the CRS program and developed a Floodplain Management Plan ("FMP"), Repetitive Loss Area Analysis ("RLAA") and Program for Public Information ("PPI") under the guidance of a Floodplain Management Planning Committee comprised of Orange County Staff, citizens and other stakeholders; and

WHEREAS, in order to better protect the people and property of Orange County from the effects of flood hazards and to provide owners of certain property within Orange County with an increased discount on their flood insurance premiums, Orange County desires to adopt the FMP, PPI and RLAA;

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF ORANGE COUNTY:

Section 1. Adoption of FMP, RLAA and PPI. That Orange County hereby approves and adopts the Orange County, FL Floodplain Management Plan dated January 2019, the Repetitive Loss Area Analysis Orange County, Florida dated May 2018 and the Orange County, FL Program for Public Information dated July 2018.

Section 2. Effective date. This Resolution shall take effect immediately upon the date of its adoption.

ADOPTED this _____ Day of MAR 26 2019, 2019

ORANGE COUNTY, FLORIDA

By: Board of County Commissioners

By: *Jerry L. Demings*

Jerry L. Demings
Orange County Mayor

ATTEST: Phil Diamond, CPA, County Comptroller
As Clerk of the Board of County Commissioners

By: *Katie Smith*
Deputy Clerk



CHAPTER 5: VULNERABILITY ASSESSMENT

For additional inundation details including inundation depth and peak flood elevation of several structures and streets that experience flooding during dam failure, refer to the Emergency Action Plan prepared by Geosyntec Consultants for Orange County in December 2016.

5.4.3 Flood Warning

The Orange County Alerting Methods regarding levels of flooding whether it occurs within the SFHA (the 1% annual chance flood (100-year), within the .2% annual chance flood (500-year) or the nine repetitive loss areas which are all identified in the January 2019 Orange County, FL Floodplain Management Plan are covered by the Notification, Emergency Situations and Physical and Human Intervention actions discussed below. Orange County Emergency Management also monitors the dam inundation mapping areas prepared by Orange County Stormwater Management and included in this January 2019 Orange County, FL Floodplain Management Plan. Additionally, if flooding occurs elsewhere in the County, such as an x-zone, these same notification and action procedures will also apply.

Emergency Procedures for **Level 1** (100-year or 1% annual chance flood as shown in this plan in Figure 4.8 on page 43):

1. Upon notification by NWS, the monitoring of Orange County Gages (approaching flood stage), the Orange County Stormwater Flood Notification System (OCSFNS), Orange County Emergency Rescue Personnel, Orange County Law Enforcement Officer or a report by a property owner, Orange County OEM will do the following:
 - Activate the OC Alert system, which will send text and email warnings to subscribers in area(s) which can be impacted by flooding, and/or
 - Activate OCFL Alert, which is a smartphone app which anyone can download to their phone,
 - Mass Dialing, where we can send a pre-recorded message to every phone number in area(s) potentially impacted by flooding, and/or
 - Notify affected residents through door-to-door visits or PA announcement from officials (fire, law enforcement, volunteers) in area(s) at risk to flooding
2. If the event is an urgent, life or death event due to flooding (such as flash flooding) Orange County OEM will:
 - Activate the Wireless Emergency Alert system (WEA) which will sound an alert on most cell phone in the area, and/or
 - Activate the Emergency Alert System (EAS) which will display a message on every TV station and sound a message on every radio station

Due to the urgency of flash flood emergencies, some of the above systems are configured to automatically retransmit Flash Flood Warnings with no human intervention.

3. In concert with Orange County OEM, Orange County Law Enforcement Officials will assess safe passage of roads and determine which roads and routes will need to be closed to vehicle traffic. Barricades will be placed at these locations to block traffic from entering. In some cases, police and other emergency vehicles may be used as temporary barriers.

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4. In anticipation of heavy rainfall, Orange County will promote the locations where the sandbagging program stations are strategically located throughout the County via local news and social media. Residents can locate the station closest to their property.
http://www.orangecountyfl.net/Portals/0/resource%20library/emergency%20-%20safety/Sandbags_Media_11X17_20150828.pdf?timestamp=1527604916872

Emergency Procedures for **Level 2** (500-year or .2% annual chance flood as shown in this plan in Figure 4.8 on page 43):

5. Upon notification by NWS, the monitoring of Orange County Gages (approaching flood stage), the Orange County Stormwater Flood Notification System (OCSFNS), Orange County Emergency Rescue Personnel, Orange County Law Enforcement Officer or a report by a property owner, Orange County OEM will do the following:
 - Activate the OC Alert system, which will send text and email warnings to subscribers in area(s) which can be impacted by flooding, and/or
 - Activate OCFL Alert, which is a smartphone app which anyone can download to their phone,
 - Mass Dialing, where we can send a pre-recorded message to every phone number in area(s) potentially impacted by flooding, and/or
 - Notify affected residents through door-to-door visits or PA announcement from officials (fire, law enforcement, volunteers) in area(s) at risk to flooding
6. If the event is an urgent, life or death event due to flooding (such as flash flooding) Orange County OEM will:
 - Activate the Wireless Emergency Alert system (WEA) which will sound an alert on most cell phone in the area, and/or
 - Activate the Emergency Alert System (EAS) which will display a message on every TV station and sound a message on every radio station

Due to the urgency of flash flood emergencies, some of the above systems are configured to automatically retransmit Flash Flood Warnings with no human intervention.

7. In concert with Orange County OEM, Orange County Law Enforcement Officials will assess safe passage of roads and determine which roads and routes will need to be closed to vehicle traffic. Barricades will be placed at these locations to block traffic from entering. In some cases, police and other emergency vehicles may be used as temporary barriers.
8. In anticipation of heavy rainfall, Orange County will promote the locations where the sandbagging program stations are strategically located throughout the County via local news and social media. Residents can locate the station closest to their property.
http://www.orangecountyfl.net/Portals/0/resource%20library/emergency%20-%20safety/Sandbags_Media_11X17_20150828.pdf?timestamp=1527604916872

Emergency Procedures for **Level 3** (Repetitive Loss Areas as shown in this plan on pages 82 through 91):

9. Upon notification by NWS, the monitoring of Orange County Gages (approaching flood stage), the Orange County Stormwater Flood Notification System (OCSFNS), Orange County Emergency

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Rescue Personnel, Orange County Law Enforcement Officer or a report by a property owner, Orange County OEM will do the following:

- Activate the OC Alert system, which will send text and email warnings to subscribers in area(s) which can be impacted by flooding, and/or
- Activate OCFL Alert, which is a smartphone app which anyone can download to their phone,
- Mass Dialing, where we can send a pre-recorded message to every phone number in area(s) potentially impacted by flooding, and/or
- Notify affected residents through door-to-door visits or PA announcement from officials (fire, law enforcement, volunteers) in area(s) at risk to flooding

10. If the event is an urgent, life or death event due to flooding (such as flash flooding) Orange County OEM will:

- Activate the Wireless Emergency Alert system (WEA) which will sound an alert on most cell phone in the area, and/or
- Activate the Emergency Alert System (EAS) which will display a message on every TV station and sound a message on every radio station

Due to the urgency of flash flood emergencies, some of the above systems are configured to automatically retransmit Flash Flood Warnings with no human intervention.

11. In concert with Orange County OEM, Orange County Law Enforcement Officials will assess safe passage of roads and determine which roads and routes will need to be closed to vehicle traffic. Barricades will be placed at these locations to block traffic from entering. In some cases, police and other emergency vehicles may be used as temporary barriers.

12. In anticipation of heavy rainfall, Orange County will promote the locations where the sandbagging program stations are strategically located throughout the County via local news and social media. Residents can locate the station closest to their property. http://www.orangecountyfl.net/Portals/0/resource%20library/emergency%20-%20safety/Sandbags_Media_11X17_20150828.pdf?timestamp=1527604916872