

Floodplain Management Plan Project Tables 510 FMP

Action Item No.	Action	Related to Goal	Address Current Development	Address Future Development	Continued Compliance with NFIP	Mitigation Category	Comments
1	Provide flood emergency information to the public on health, safety, evacuation routes and home safety through a variety of outreach materials including direct mail, websites and through other outside agencies	1, 2	✓		✓	Emergency Services	Morehead City continues to provide flood emergency information.
2	Maintain and update the Morehead City Continuity of Operations plan to ensure that Town governmental operations can be ongoing after a flooding event including post-disaster reconstruction policies	1, 2		✓		Emergency Services	Morehead City is in the progress of updating the Continuity of Operations Plan.
3	Maintain and/or establish backup generators at all community designated critical facilities <del>including those which will house displaced victims from flood events</del> including those which will house critical staff from flood events.	1, 2	✓			Emergency Services	Morehead City maintains backup generators at our critical facilities.
4	Keep on call qualified post-disaster contractor to include essential services and equipment and the ability to help secure reimbursement of NCEM and FEMA funding	1, 2				Emergency Services	Morehead City maintains a qualified on call contractor.
5	The FMPC will meet quarterly to ensure implementation of the Morehead City Floodplain Management Plan	1, 2, 3, 4	✓	✓	✓	Prevention, Property Protection, Natural Resources, Structural Projects, Emergency Services & Outreach Projects	The committee is scheduled to meet on July 9, 2020.
6	Integrate new greenway and public park improvements into comprehensive planning and capital	1, 3	✓	✓		Prevention & Natural Resources	Morehead City has submitted a CAMA Public Access Grant

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	improvement Planning and coordinate with CAMA Land Use Planning						for a ADA accessible kayak launch at South 10 <sup>th</sup> Street and continues to seek other grants for greenway and park improvements.
7	Review and update Town's Flood Damage Prevention Ordinance to ensure compliance with FEMA and NCEM requirements and/or to add new higher regulatory standards	1, 2, 3, 4		✓	✓	Prevention & Property Protection	Morehead City updated the Town's Flood Damage Prevention Ordinance on June 12, 2018 to add a higher standard related to fill in the SFHA.
8	Promote grant funding to target repetitive loss property owners to mitigate against future flooding	1, 2, & 4	✓			Property Protection	Morehead City continues to promote grant funding efforts to repetitive loss properties. This most recently occurred in August, 2019.
9	Send Flood Outreach Brochure to all residents within the SFHA, Repetitive Loss Areas and those in Dam Inundation Zone to education them on how to better protect themselves from flood damage	1, 2, 3, 4	✓		✓	Prevention, Property Protection, Natural Resources, Outreach Projects	Morehead City continues to send outreach brochures to residents in the SFHA, Repetitive Loss Areas and those in the Dam Inundation zone.

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10	Church Street Drainage Improvement Project to improve localized stormwater flooding	1, 2	✓	✓	✓	Structural Projects	This project is complete. Six (6) catch basins were installed on Church Street and are set to drain to a newly installed line on easement with salvation army that leads to a ditch that finds its way to Calico Creek. The ditch banks have been cleaned and stabilized.
11	Blair Farms Parkway Culvert Replacement Project to improve localized stormwater flooding	1, 2	✓	✓	✓	Structural Projects	Morehead City Public Works completed this project.
12	Test additional flap/tidal gates at end of stormwater outlets that outfall into the sound around the 9 <sup>th</sup> and 14 <sup>th</sup> street areas to help eliminate localized stormwater flooding	1, 2	✓	✓	✓	Property Protection & Structural Projects	Returned to manufacturer because they failed. Public Services has looked into multiple other options and has not found a product worth purchasing yet.
13	Investigate the implementation of pump stations at various locations where there are localized stormwater flooding problems	1, 2	✓			Property Protection & Structural Projects	Per Public Services, this cannot be implemented because of CAMA restrictions. This item should be

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							removed from the table.
14	Where possible encourage Low Impact Development (LID) techniques to promote a natural approach to stormwater management	1,2, 3	✓	✓		Prevention, Property Protection and Natural Resources	Morehead City continues to encourage LID techniques. The Town will be working with a consultant in 2019-2020 FY to better address stormwater management.
15	Consider where appropriate shoreline restoration bringing the coastline back to a natural setting	1, 2, 3	✓	✓	✓	Property Protection and Natural Resources	Niels Lindquist at the Institute of Marine Sciences is currently working to stabilize the shoreline on the Town-owned Sugarloaf Island with Town funds support. He is also seeking additional funding from the NC Coastal Federation to support these efforts.
16	Educate public that ¾" of rain in one hour can cause significant stormwater flooding issues in the 14 identified "hot spot" areas	1, 2, 4	✓		✓	Property Protection and Outreach Projects	Morehead City makes this information available on the Town's website.

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17	Educate public that nothing should go down the storm drains except rainwater including installing no dumping sign on top of drains	1, 2, 3, 4	✓		✓	Property Protection, Natural Resources and Outreach Projects	Morehead City installed “no dumping” signs on storm drains. This is an ongoing project and the Public Services Department continues to install these signs.
18	Protect wetlands and conservation areas through enforcement of the comprehensive and zoning regulations in the Town and consider additional set back regulations to protect other water features	1, 2	✓	✓	✓	Prevention and Natural resources	Morehead City continues to protect wetlands and conservation areas through zoning regulations.
19	Add a “Phone Tree” like CodeRed with Carteret County	1,4	✓	✓	✓	Prevention and Emergency Services	Since the date of the July 24, 2019 FMP Meeting, the Town has implemented a service called “notify me”. Citizens can sign up to get text and emails for emergency and weather alerts.
20	Install a product like “Redflex” which is a flapper valve to the outfalls.	1,2,3	✓	✓	✓	Prevention and Structural Projects	Public Services has not looked into this product yet. The Public Services Director mentioned that he has looked

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							into other similar products and has not found a product worth pursuing yet. This may be evaluated further as part of stormwater program Phase I since two identified streets are located within the Town's stormwater pilot project area.
21	Upload Elevation Certificates to the Town's website for the public to view.	1,4	✓	✓	✓	Public Information and Outreach	This has not been done yet. Staff is continuing to look into this possibility.
22	Invite the Town of Morehead City's Communication Director to join the committee.	1,4	✓	✓	✓	Public Information and Outreach	Staff has invited the Communication Director to the next meeting.
23	Install "Turn around don't drown" posters at the local Walmart.	1,4	✓	✓	✓	Public Information and Outreach	This has not been done to date.
24	Insert informational information regarding flood hazards in resident's water bills.	1,2,3,4	✓	✓	✓	Public Information and Outreach	This project may be carried out over the next year.
25	Invite a local realtor and insurance agent to join the committee.	1,2,3,4	✓	✓	✓	Public Information and Outreach	Staff is currently working to recruit a local realtor and insurance agent.