

SECTION 9

MITIGATION ACTION PLAN

This section includes the listing of the mitigation actions proposed by the participating jurisdictions in MEMA District 9. It consists of the following two subsections:

- 9.1 Overview
- 9.2 Mitigation Action Plans

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| 44 CFR Requirement |
| 44 CFR Part 201.6(c)(3)(III): The mitigation strategy shall include an action plan describing how the actions identified in paragraph (c)(2)(II) of this section will be prioritized, implemented, and administered by the local jurisdiction. |

9.1 OVERVIEW

As described in the previous section, the Mitigation Action Plan, or MAP, provides a functional plan of action for each jurisdiction. It is designed to achieve the mitigation goals established in Section 8: *Mitigation Strategy* and will be maintained on a regular basis according to the plan maintenance procedures established in Section 10: *Plan Maintenance*.

Each proposed mitigation action has been identified as an effective measure (policy or project) to reduce hazard risk for the communities in the MEMA District 9 Region. Each action is listed in the MAP in conjunction with background information such as hazard(s) addressed and relative priority. Other information provided in the MAP includes potential funding sources to implement the action should funding be required (not all proposed actions are contingent upon funding). Most importantly, implementation mechanisms are provided for each action, including the designation of a lead agency or department responsible for carrying the action out as well as a timeframe for its completion. These implementation mechanisms ensure that the MEMA District 9 Regional Hazard Mitigation Plan remains a functional document that can be monitored for progress over time. The proposed actions are not listed in priority order, though each has been assigned a priority level of "high," "moderate," or "low" as described below and in Section 8 (page 8.2).

The Mitigation Action Plan is organized by mitigation strategy category (Prevention, Property Protection, Natural Resource Protection, Structural Projects, Emergency Services, or Public Education and Awareness). The following are the key elements described in the Mitigation Action Plan:

- Hazard(s) Addressed—Hazard which the action addresses.
- Relative Priority—High, moderate, or low priority as assigned by the jurisdiction.
- Lead Agency/Department—Department responsible for undertaking the action.
- Potential Funding Sources—Local, State, or Federal sources of funds are noted here, where applicable.

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- Implementation Schedule—Date by which the action the action should be completed. More information is provided when possible.
- Implementation Status (2017)—Indication of completion, progress, deferment, or no change since the previous plan. If the action is new, that will be noted here.

9.2 MITIGATION ACTION PLANS

The mitigation actions proposed by each of the participating jurisdictions are listed in 22 individual MAPs on the following pages. **Table 9.1** shows the location of each jurisdiction’s MAP within this section as well as the number of mitigation actions proposed by each jurisdiction.

TABLE 9.1: INDIVIDUAL MAP LOCATIONS

| Location | Page | Number of Mitigation Actions |
|---------------------------|--------------|------------------------------|
| George County | 9:3 | 19 |
| Lucedale | 9:9 | 20 |
| Hancock County | 9:15 | 84 |
| Bay St. Louis | 9:36 | 29 |
| Diamondhead | 9:44 | 13 |
| Waveland | 9:48 | 53 |
| Harrison County | 9:84 | 63 |
| Biloxi | 9:83 | 38 |
| D’Iberville | 9:95 | 29 |
| Gulfport | 9:105 | 52 |
| Long Beach | 9:122 | 20 |
| Pass Christian | 9:127 | 21 |
| Jackson County | 9:133 | 58 |
| Gautier | 9:152 | 58 |
| Moss Point | 9:170 | 15 |
| Ocean Springs | 9:174 | 47 |
| Pascagoula | 9:188 | 21 |
| Pearl River County | 9:195 | 27 |
| Pisayune | 9:204 | 31 |
| Poplarville | 9:214 | 28 |
| Stone County | 9:223 | 27 |
| Wiggins | 9:232 | 27 |

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City of Moss Point Mitigation Action Plan

| Action # | Description | Hazard(s) Addressed | Relative Priority | Lead Agency/ Department | Potential Funding Sources | Implementation Schedule | Implementation Status (2017) |
|----------|---|---------------------|-------------------|---|---|-------------------------|--|
| P-1 | Update Emergency Operation Plan. | All | High | Fire and Human Resources Departments | Budget | 2018 | (Action 2 in previous plan) The city's EOP has been updated in the past, but it is likely that a new update will be needed over the next 5 years, so this action will remain in place. |
| P-2 | New water supply tank. | Drought | Moderate | Public Works Department | Budget as capital outlay project for Public Works | 2020 | (Action 5 in previous plan) The city has not acquired a new water supply tank due to lack of funding, so this action will remain in place. |
| P-3 | Develop no burn ordinance. | Drought, Wildfire | Moderate | Fire Department | N/A or minimal | 2018 | (Action 6 in previous plan) The city has implemented a no burn restriction at several points when needed, but this action may need to be reviewed in the future to ensure that it is up to date. |
| P-4 | Promote and implement conservation program (in coordination with developing emergency drought ordinance). | Drought | High | Fire Department and Building Inspection | N/A or minimal | 2018 | (Action 7 in previous plan) The city has promoted and implemented a conservation program, but this program will need to be updated so the action will remain in place. |

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| Action # | Description | Hazard(s) Addressed | Relative Priority | Lead Agency/ Department | Potential Funding Sources | Implementation Schedule | Implementation Status (2017) |
|----------|-----------------------|---------------------------------------|-------------------|---------------------------------|----------------------------------|-------------------------|---|
| PP-1 | Retrofit/361. | Hurricane | Low | Community Development | CDBG grant funding, city funding | 2019 | (Action 8 in previous plan) The city has worked to try to retrofit a number of structures to provide protection against wind and flood related hazards, but many structures are still vulnerable and would benefit from retrofitting, so this action will remain in the plan. |
| PP-2 | Elevation of streets. | Flood, Hurricane, Severe Thunderstorm | Moderate | Public Works and Governing Body | Local | 2022 | (Action 10 in previous plan) Some streets in the city have been protected through elevations, but there are still many that have not, so this action will need to remain in the plan. |
| PP-3 | Bridge replacement. | Flood, Hurricane, Severe Thunderstorm | Moderate | Public Works and Governing Body | Local | 2022 | (Action 11 in previous plan) Some bridge replacements have been carried out to provide less at-risk crossing in the city. However, the city still has some identified bridges that it would like to replace. |
| PP-4 | Acquisition projects. | Flood, Hurricane, Severe Thunderstorm | Low | Community Development | HMGP, CDBG | 2022 | (Action 12 in previous plan) The city has participated in acquisition projects in the past, but there are still many properties could be acquired through voluntary programs to reduce overall hazard risk. |

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| Action # | Description | Hazards Addressed | Relative Priority | Lead Agency/ Department | Potential Funding Sources | Implementation Schedule | Implementation Status (2017) |
|------------------------------------|--------------------------------|---------------------------------------|-------------------|--|---|-------------------------|---|
| PP-5 | Home elevation projects. | Flood, Hurricane, Severe Thunderstorm | Moderate | Community Development | CDBG Hazard Mitigation funding, city and county funding | 2022 | (Action 13 in previous plan) The city has participated in elevation projects in the past, but there are still many properties could be elevated through voluntary programs to reduce overall hazard risk. |
| Natural Resource Protection | | | | | | | |
| NRP-1 | | | | | | | |
| Structural Projects | | | | | | | |
| SP-1 | Drainage Improvement projects. | Flood, Hurricane, Severe Thunderstorm | High | Community Development and Public Works | CDBG Hazard Mitigation funding, city and county funding | 2018 | (Action 14 in previous plan) The city has implemented some drainage improvement projects, but there are still a number of drainage related projects that the city would like to implement going forward so this action will remain in the plan. |
| SP-2 | Scaling system. | Flood, Hurricane, Severe Thunderstorm | High | Public Works | CIAP Grant funding, city and county funding | 2020 | (Action 15 in previous plan) The city has not developed a scaling system, but it would still like to pursue this action going forward so it will remain in the plan. |

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| Action # | Description | Hazard(s) Addressed | Relative Priority | Lead Agency/ Department | Potential Funding Sources | Implementation Schedule | Implementation Status (2017) |
|---------------------------------------|--|---------------------|-------------------|-------------------------------------|--|-------------------------|---|
| Emergency Services | | | | | | | |
| ES-1 | Evacuation routing and planning. | All | Moderate | Police Department | Seek/secure grant opportunities with MDOT, MS Public Safety Commission, etc. | 2018 | (Action 3 in previous plan) Evacuation routes have been identified by the city, but there is more planning for an evacuation scenario that needs to be completed to be fully prepared so the city will keep this action in place. |
| ES-2 | Establish an effective early warning audio system (sirens). | All | Low | Police and Fire Department | Seek grant opportunities with MDOT, MS Public Safety Commission, etc. | 2019 | (Action 4 in previous plan) The city is still working to solidify its early warning system. Therefore, this action will be left in the plan to be pursued further going forward. |
| ES-3 | Generator | Hurricane | High | Community Development Department | Budget and/or secure CDBG grant funding | 2019 | (Action 9 in previous plan) The city has some backup power generation capabilities, but the city feels it would still benefit greatly from extra generators if funding is available, so this action will remain in place. |
| Public Education and Awareness | | | | | | | |
| PEA-1 | Public outreach: education and preparedness for all hazards. | All | High | Fire and Human Resources Department | Existing budget | 2022 | (Action 1 in previous plan) The city has made an effort to reach out to the public and provide education on the risks the community faces in terms of hazards. However, many citizens remain under-informed, so this action will remain in place. |