



Lafayette Parish Hazard Mitigation Plan Update Kick-off Meeting

June 16, 2015

Lafayette, LA

Introductions

- Officials
- Mitigation Steering Committee members
- SDMI team members
- GOHSEP hazard mitigation team

SDMI Information

Stephenson Disaster Management Institute at Louisiana State University

Mission: To save the lives of people and animals by continuously improving disaster management through leadership in applied research and executive education.

The Hazard Mitigation Plan: What is in it for us?

Hazard Mitigation

- Protect public safety and prevent loss of life and injury;
- Help accomplish community objectives, such as leveraging capital improvements, infrastructure protection, open space preservation, and economic resiliency;
- Prevent damage to a community's economic, cultural and environmental assets;
- Minimize operational downtime and accelerate recovery of government and the private sector after an event;
- Meet requirements of Title 44 Code of Regulations (CFR) §201.6 for approval and eligibility to apply for FEMA Hazard Mitigation Assistance grant programs.

Hazard Mitigation Planning Process

Hazard Mitigation Plan Update Requirements

- The plan must be updated every five (5) years;
- Re-assess hazard identification and risk assessment
 - Consider any changes since the last plan update, and address events that have occurred since the last plan;
- Incorporate local planning efforts;
- Report mitigation strategy (projects) progress and discuss adjustments;
- Address any weaknesses identified in the previous plan review.

The Planning Team: A Multi-jurisdictional approach

- Each jurisdiction will have at least one representative on the planning team.
- This representative will need to report back to their community on a regular basis, as well as gather feedback and input into the plan.
- Utilize a council resolution or memorandum of understanding (MOU) to gain official recognition for the planning team.

Federal Requirements

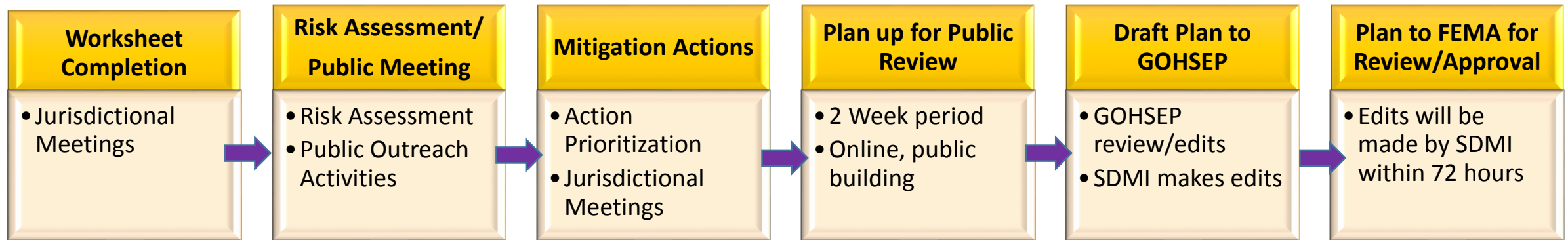
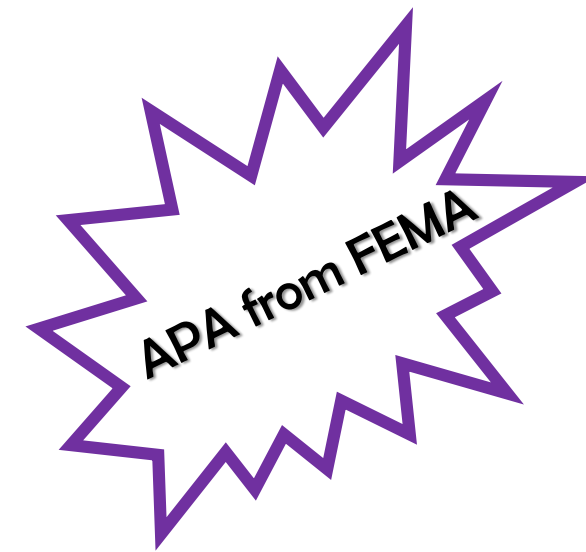
- Disaster Mitigation Act of 2000 (DMA 2000)
 - Section 322 of the Act specifically addresses mitigation planning and requires state and local governments to prepare multi-hazard migration plans as a precondition for receiving FEMA mitigation project grants.
- Title 44 Code of Federal Regulations (CFR) §201.6 for FEMA approval and eligibility to apply for FEMA Hazard Mitigation Assistance

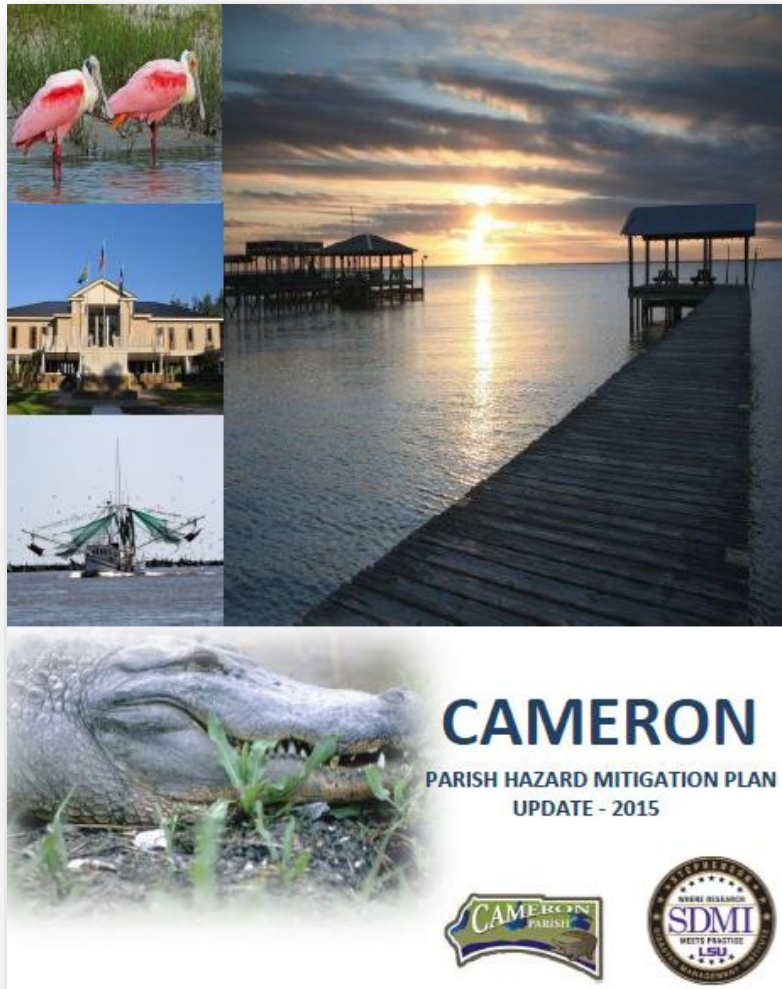
Expectations

Jurisdictions

- Each jurisdiction **MUST** show active participation in the planning process by the following:
 - Completing state required worksheets;
 - Identifying jurisdiction specific mitigation actions (projects)
 - Have representation at all meetings;
 - Adopt the final plan.

Plan Update Timeline – Next Steps





Planning Development

New Plan Layout

- Section 1: Introduction
 - Updated demographics
 - Economics
 - Update parish/jurisdiction descriptions
- Section 2: Hazard Identification and Parishwide Risk Assessment
- Section 3: Capability Assessment
- Section 4: Mitigation Strategies
 - New actions
 - Action updates
 - Survey results

New Plan Layout

- Appendix A: Planning Process
- Appendix B: Plan Maintenance
- Appendix C: Parish Essential Facilities
- Appendix D: Plan Adoption
- Appendix E: State Required Worksheets

Section 2: Hazard Identification and Risk Assessment

- Based on currently profiled risks
- Any newly identified risks
- Prevalent Hazards
- Previous occurrences
- Probability of future events
- Assets Inventory
- Essential Facilities
- Hazard Impact
- Future Development
- Future Hazard Impacts
- Zoning and Land Use
- Hazard Profiles

Section 2: Hazard Identification and Risk Assessment (Previous Update)

- Flooding (flash and riverine)
- Flooding (levee and dam failure)
- Thunderstorm, Lightning, and High Wind
- Tornado
- Tropical System and Hurricane
- Severe Winter Storm, Extreme Cold, and Ice Storms
- Drought
- Hail
- Hazardous Materials Incident (fixed site and transport)Transportation
- Terrorism
- Earthquake
- Land Subsidence

Section 3: Capabilities Assessment

Primary types of capabilities for reducing long-term vulnerability through mitigation planning are:

- Planning and regulatory
- Administrative and technical
- Financial
- Educational and outreach

Section 4: Mitigation Strategy

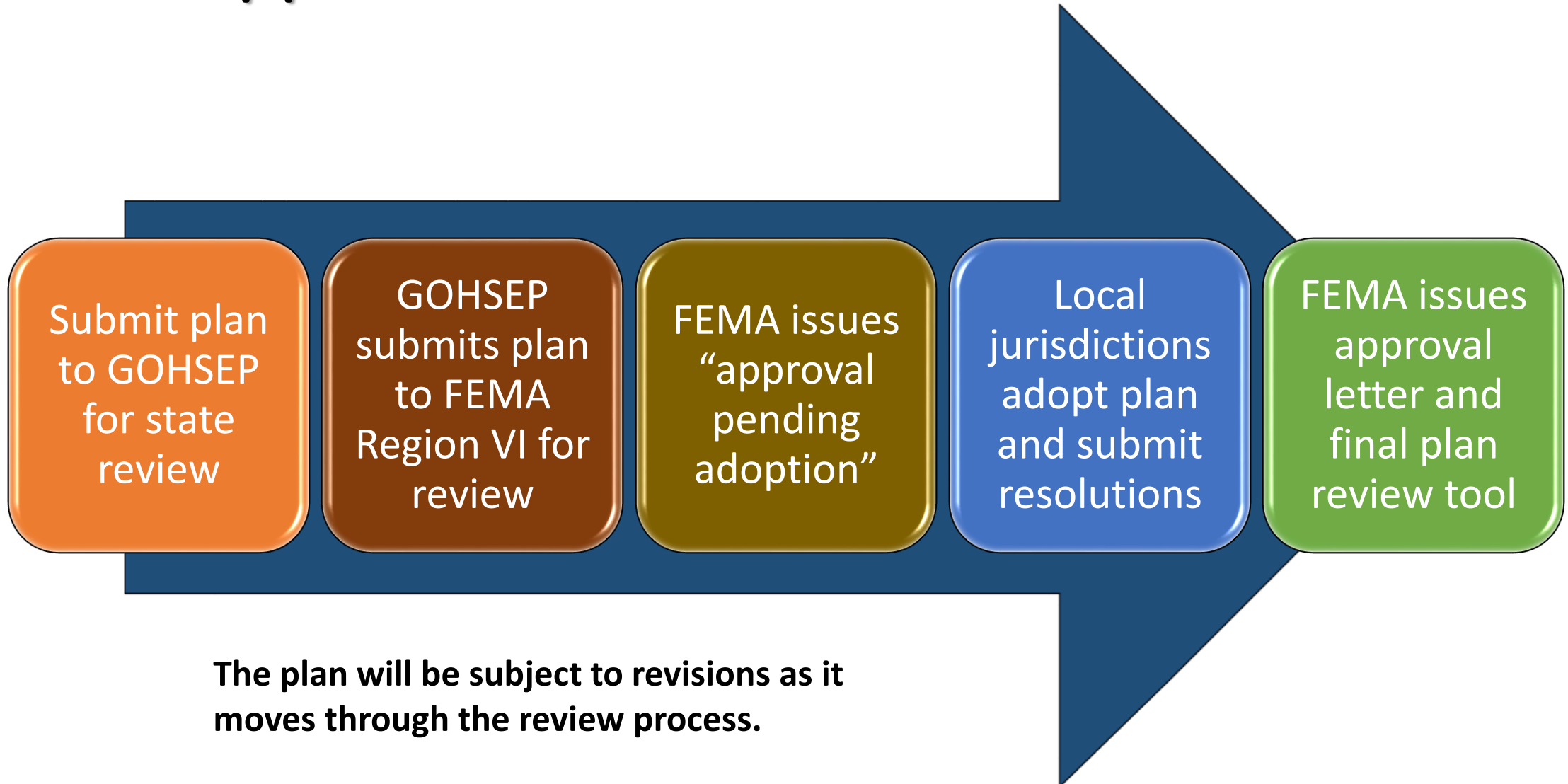
Goals

- Improve education and outreach efforts regarding potential impacts of hazards and the identification of specific measures that can be taken to reduce their impact.
- Improve data collection, use, and sharing to reduce the impact of hazards
- Improve capabilities, coordination, and opportunities at the municipal and parish level to plan and implement hazard mitigation projects, programs, and activities
- Pursue opportunities to mitigate repetitive and severe repetitive loss properties and other appropriate hazard mitigation projects, programs, and activities, with a focus on existing structures, future structures, protection of existing infrastructure, and protection of future infrastructure.
- Maintain continuity of operations during and after natural hazard events

Mitigation Actions

- Will be updated and carried over from last update
- New Actions will be identified

Plan Approval Process



Adopt the Plan

Each jurisdiction **MUST** adopt the final plan.

- As a planning team member be aware of the policies for your jurisdiction
 - Know the process for putting this plan on the docket for adoption
 - Make sure you make the required deadlines

The Final Product

- FEMA approved Hazard Mitigation Plan
 - Meets requirements of Title 44 Code of Regulations (CFR) §201.6 for approval and eligibility to apply for FEMA Hazard Mitigation Assistance grant programs.
 - A hazard mitigation project strategy for each jurisdiction
 - A comprehensive list of jurisdiction owned properties
 - Assessment of natural disaster-related risks and vulnerabilities

Element E: State Required Worksheets

Each jurisdiction **MUST** fill these out:

- Capability Assessment
- NFIP Worksheet
- Critical Facilities/Building Inventory
- Vulnerable Population

Element E: State Required Worksheet – Capability Assessment

Worksheet 4.1: Capability Assessment Worksheet - Unincorporated Calcasieu

Local mitigation capabilities are existing authorities, polices and resources that reduce hazard impacts or that could be used to implement hazard mitigation activities. Please complete the tables and questions in the worksheet as completely as possible.

Planning and Regulatory

Please indicate which of the following plans and regulatory capabilities your jurisdiction has in place.

| Plans | Yes / No | Comments |
|---|----------|----------|
| Comprehensive / Master Plan | | |
| Capital Improvements Plan | | |
| Economic Development Plan | | |
| Local Emergency Operations Plan | | |
| Continuity of Operations Plan | | |
| Transportation Plan | | |
| Stormwater Management Plan | | |
| Community Wildfire Protection Plan | | |
| Other plans (redevelopment, recovery, coastal zone management) | | |
| Building Code, Permitting and Inspections | Yes / No | |
| Building Code | | |
| Building Code Effectiveness Grading Schedule (BCEGS) Score | | |
| Fire Department ISO/PIAL rating | | |
| Site plan review requirements | | |
| Land Use Planning and Ordinances | Yes / No | |
| Zoning Ordinance | | |
| Subdivision Ordinance | | |
| Floodplain Ordinance | | |
| Natural Hazard Specific Ordinance (stormwater, steep slope, wildfire) | | |
| Flood Insurance Rate Maps | | |
| Acquisition of land for open space and public recreation uses | | |
| Other | | |
| Administration and Technical | | |

Place answers in Yes/No column, add comments if necessary (i.e. what year the plan was updated last)

Worksheet 4.1: Capability Assessment Worksheet

Local mitigation capabilities are existing authorities, polices and resources that reduce hazard impacts or that could be used to implement hazard mitigation activities. Please complete the tables and questions in the worksheet as completely as possible.

Planning and Regulatory

Please indicate which of the following plans and regulatory capabilities your jurisdiction has in place.

| | Calcasieu Parish | DeQuincy | Lake Charles | Sulphur | Westlake | Vinton | Iowa |
|---|------------------|----------|--------------|---------|----------|--------|------|
| Plans | Yes / No | | | | | | |
| Comprehensive / Master Plan | | | | | | | |
| Capital Improvements Plan | | | | | | | |
| Economic Development Plan | | | | | | | |
| Local Emergency Operations Plan | | | | | | | |
| Continuity of Operations Plan | | | | | | | |
| Transportation Plan | | | | | | | |
| Stormwater Management Plan | | | | | | | |
| Community Wildfire Protection Plan | | | | | | | |
| Other plans (redevelopment, recovery, coastal zone management) | | | | | | | |
| Building Code, Permitting and Inspections | Yes / No | | | | | | |
| Building Code | | | | | | | |
| Building Code Effectiveness Grading Schedule (BCEGS) Score | | | | | | | |
| Fire Department ISO/PIAL rating | | | | | | | |
| Site plan review requirements | | | | | | | |
| Land Use Planning and Ordinances | Yes / No | | | | | | |
| Zoning Ordinance | | | | | | | |
| Subdivision Ordinance | | | | | | | |
| Floodplain Ordinance | | | | | | | |
| Natural Hazard Specific Ordinance (stormwater, steep slope, wildfire) | | | | | | | |
| Flood Insurance Rate Maps | | | | | | | |
| Acquisition of land for open space and public recreation uses | | | | | | | |
| Other | | | | | | | |

Element E: State Required Worksheet – Building Inventory

[illegible]

- List all parish/government owned building; indicate in the first column if it is a critical facility
- Assessed value, date built, and construction type **MUST** be filled out

Element E: State Required Worksheet – Critical Facilities and Vulnerable Population

Vulnerable Populations Worksheet

Unincorporated Calcasieu

[illegible]

Plan Update Worksheet – NFIP

| ELEMENT F: STATE REQUIREMENT | | |
|---|--|----------|
| National Flood Insurance Program (NFIP) | | |
| Parish: Calcasieu Parish | | |
| | | |
| | | |
| Insurance Summary | | Comments |
| How many NFIP policies are in the community? | | |
| What is the total premium and coverage? | | |
| How many claims have been paid in the community? What is the total amount of paid claims? How many of the claims were for substantial damage? | | |
| How many structures are exposed to flood risk with in the community? | | |
| Describe any areas of flood risk with limited NFIP policy coverage. | | |
| Staff Resources | | |
| Is the Community FPA or NFIP Coordinator certified? | | |
| Is flood plain management an auxiliary function? | | |
| Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability) | | |
| What are the barriers to running an effective NFIP program in the community, if any? | | |
| Compliance History | | |
| Is the community in good standing with the NFIP? | | |
| Are there any outstanding compliance issues(i.e., current violations)? | | |
| When was the most recent Community Assistance Visit (CAV) or Community Assistance Contact(CAC)? | | |
| Is a CAV or CAC scheduled or needed? If so when? | | |

- FEMA can provide this information, or local /parish floodplain managers

Mitigation Action Update and New Mitigation Actions

- Mitigation Action Update on old actions/projects
- New Mitigation Actions Identification for 2015 Update for each jurisdiction

| Mitigation Actions for City of Covington | | | | | | | |
|---|---|------------------|------------------------|--|---|------------|--------|
| Action | Summary | Funding Source | Target Completion Date | Responsible Party, Agency, or Department | Hazard | Goal | Status |
| Action 1.1: Mile Branch Drainage Improvements | The proposed project involves stabilization of existing channel banks due to damage from erosion of existing banks. The purpose of the project is to reduce potential structure damage due to erosion along the channel. | Local, FEMA HMPG | 24 months from start | City of Covington/St Tammany Parish | Flooding, Tropical Cyclone | 1,4 | New |
| Action 1.2: Simpson Creek Drainage Improvements | The proposed project involves increase flow capacities in major drainage channel to mitigate flood risk to area. Simpson Creek drains a large developed portion of the City of Covington. Improvements would be made to reduce flood risk to structures located along the drainage way. | Local, FEMA HMPG | 18 months from start | City of Covington | Flooding, Tropical Cyclone, Severe Thunderstorm | 1,2,3,4, 7 | New |

**** We will discuss Mitigation Actions with the steering committee at a later date.**

Mitigation Action Implementation Worksheet

Mitigation Action Implementation Worksheet

Complete a mitigation action implementation worksheet for each identified mitigation action.

| | |
|----------------------------------|-------------------|
| Jurisdiction: | |
| Mitigation Action/Project Title: | |
| Background/Issue: | |
| Ideas for Integration: | |
| Responsible Agency: | |
| Partners: | |
| Potential Funding: | |
| Cost Estimate: | |
| Benefits: (Losses Avoided) | |
| Timeline: | |
| Priority: | |
| Worksheet Completed by: | (Name/Department) |

Contact Us

Brant Mitchell, SDMI Director of Research & Operations

bmitch9@lsu.edu

(225) 578-5939

Lauren Stevens, HM Project Lead

lstevens@lsu.edu

(225) 578-0502

Lexie Andrews, HM Project Lead

aandrews1@lsu.edu

(225) 578-7034

Stephenson Disaster Management Institute

www.sdmi.lsu.edu

