I. INTRODUCTIONS AND WELCOME

II. PURPOSE, NEED, AND EXPECTATIONS

III. PLANNING PROCESS

IV. PLAN REVIEW

   I. HAZARD IDENTIFICATION

   II. DATA SURVEY TO BEGIN RISK ASSESSMENT

V. CONCLUSION
PARTICIPATING ENTITIES

Bayou Board of Realtors
Bayou Grace
Biloxi-Chitimacha Confederation of Muskogees
Biloxi-Chitimacha Island Road Band
Consolidated Waterworks District
GIS Engineering
Houma Chamber of Commerce
Louisiana Dept. of Health and Human Services
R.J. Shaw, Inc.
Restore or Retreat
South Central Industrial Association
South Louisiana Bank
Southeast LA Homebuilders Association
Terrebonne Parish School Board
Terrebonne Parish Assessor’s Office
United Houma Nation
City of Houma Fire Department
Houma Police Department
Terrebonne Sheriff’s Office
Terrebonne Levee and Conservation District
Terrebonne Parish Consolidated Government
Terrebonne Office of Homeland Security and Emergency Preparedness
Terrebonne Parish Sheriff’s Office
Terrebonne Regulatory Planning Commission
Terrebonne Parish Council
NFIP Coordinator
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What is Hazard Mitigation Planning?

Planning for any sustained action(s) taken to reduce or eliminate the long-term risk to human life and property from hazards.  
Mitigation = Prevention
- Hazard—a source of potential danger
- Vulnerability—Degree of exposure or susceptibility to damage of an asset
- Vulnerability Assessment—The extent of damage that may result from a hazard event of a given intensity (50, 100 yr. flood; Cat. 1, 2, ...5 hurricane)
- Risk—The estimated impact that a hazard would have on people, services, facilities, and structures—quantifiable
- Risk Assessment—Process of measuring the potential loss of life, personal injury, economic injury, and property damage
Why “plan”?—State approach—parishes to state

- Establish vision and mission
- Establish common goals
- Incorporate the “big picture”
- Bring many stakeholders together
- Establish community connectivity… coordination and communications
- Look at resource allocation (time, money, etc.)
- Ensure ability to implement, monitor, evaluate, and modify
Eligibility for mitigation grant project funding
Any changes in hazard identification
Vulnerability analyses
Local mitigation capabilities
Progress made during the past five years to prevent or reduce future losses from natural hazards
• **Past:** Federal legislation funded disaster relief, recovery, and some mitigation planning
  
  - Standard codes and planning were linked in same law

• **Present:** Disaster Mitigation Act of 2000 (DMA 2000)
  
  - Reinforces importance of mitigation planning **before hazards occur**…” to reduce the nation’s disaster losses…” (FEMA Interim Final Rule)
  
  - Establishes a **predisaster** hazard mitigation program
  
  - Creates new **requirements for** national **post-disaster Hazard Mitigation Grant Program** (HMGP)
  
  - Requires states and communities **to have an approved mitigation plan in place prior to receiving post-disaster HMGP funds**
The National Flood Insurance Program's (NFIP) Community Rating System (CRS) is a voluntary incentive program that recognizes and encourages community floodplain management activities that exceed the minimum NFIP requirements.

- As a result, flood insurance premium rates are discounted to reflect the reduced flood risk resulting from the community actions meeting the three goals of the CRS:
  - Reduce flood damage to insurable property;
  - Strengthen and support the insurance aspects of the NFIP, and
  - Encourage a comprehensive approach to floodplain management.

http://www.fema.gov/national-flood-insurance-program-community-rating-system
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**Review**
- Organize and Convene Community
- Research and Review of Data

**Revise**
- Update Risk Assessment
- Assess the Potential Losses

**Reset**
- Set Goals – Standard for Protection
- Update Mitigation Strategy
III. PLANNING PROCESS (contd.)

Write
- Draft Updated Plan – Vet Publicly
- Submit to State and FEMA

Ratify
- Revise as Necessary
- Adopt through Council

Revisit
- Yearly Maintenance
III. PLANNING PROCESS (contd.)
PRODUCTS - DELIVERABLES

- Repetitive Loss Risk Reduction Strategy
- Updated Risk Assessment and Strategy
- Project List of Prioritized Activities
- Updated Maps for Public Education
- Adopted Plan for Grant Eligibility
III. PLANNING PROCESS (contd.)
PARTICIPATION STRATEGY

• Committee Structure
  1. Steering Committee
  2. Committee Chair Person
  3. Subcommittee Nomination
  4. Meeting Location Preference

• Developing a Plan of Public Relations & Education

• Concerns, Comments, Questions

• Other Issues?
IV. PLAN REVIEW

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V. CONCLUSION
Terrebonne Parish Hazard Mitigation Plan Update 2014

Prepared for

March 2015
Other Plans Relevant to this Process

- Repetitive Loss Studies
- Vision 2030 Comprehensive Plan
- OEP Flood Response Plan
- LA SAFE Terrebonne Strategy

These documents and more are available on the website at the link provided to you, or following the banner link on the homepage of www.tpcg.org.
REVIEW AND UPDATE:

- THE PLANNING PROCESS
  - Involvement in the planning process
  - Incorporate appropriate existing plans
  - Public comment

- PLAN CONTENT
  - Documentation of the planning process
  - Risk Assessment
    - Type, location, extent of all natural hazards that affect the jurisdiction
    - Jurisdiction vulnerability to the hazards, summary of each hazard and its impact on the community
      - Describe vulnerability of the types and numbers of existing and future buildings, infrastructure, and critical facilities located in the identified hazard areas
      - Estimate of potential dollar losses
    - Update goals, maps, and projects and solutions based on current assessment
REVIEW AND UPDATE:

- **HAZARD MITIGATION STRATEGIES**
  - Goals
  - Specific mitigation actions and projects
  - Action plan with prioritization and cost estimates

- **PLAN MAINTENANCE PROCEDURES**
  - Method and schedule of monitoring, evaluating, and updating the plan
  - Process by which local government can incorporate the requirements of the mitigation plan into other planning mechanisms (comprehensive or capital improvement plans) when appropriate
  - Discussion of how community will continue public participation and plan maintenance
GOAL 1 Identify and pursue preventive measures that will reduce future damages from hazards.

GOAL 2 Enhance public awareness and understanding of disaster preparedness.

GOAL 3 Reduce repetitive flood losses in the parish.

GOAL 4 Facilitate sound development in the parish to reduce or eliminate the potential impact of hazards.

These are the same overarching goals that were expressed in 2009. Discussion on refining these may be better reserved for the strategy phase.
RISK ASSESSMENT METHODOLOGY

(1) IDENTIFY HAZARDS
“What kind of natural hazards can affect our region?”
--FIRST MEETING--

(2) PROFILE HAZARD EVENTS
“How bad can it get?”

(3) INVENTORY ASSETS
“What will be affected by these hazards?”

(4) ESTIMATE LOSSES
“How will these hazards affect our community?”
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V. CONCLUSION
• Update hazards which might affect the community

• Narrow the list to hazards that are most likely to impact

• Keep records of information gathered

  News papers and other unofficial accounts

  Federal and state data base info

  Community expert and parish/municipal data.
RISK ASSESSMENT: HAZARDS IDENTIFIED

Coastal Erosion
Coastal (Tropical) Storm
Levee (Dam) Failure
Drought
Flood
Hurricane
Land Subsidence

Saltwater Intrusion
Tornado
Thunderstorms
Lightning
High Winds
Sinkholes
New Hazards?
PLAN REVIEW: CRITICAL FACILITIES

- Hospitals/Healthcare Providers
- Schools
- Police Stations
- Fire Stations
- Powerplants
- Sewer
- Potable Water
- Emergency Operations Center
- Government Offices
RISK ASSESSMENT: PROFILE HAZARD EVENTS

- Has your department/district suffered losses during past storm events due to flooding or wind that could have been prevented?
- Do you foresee a future scenario where your department/district might be susceptible to losses as a result of a storm event?
- Obtain and create base maps
- Obtain hazard event profile information.
- Record the hazard event profile.

Current Plan:
- Hurricane Betsy
- Hurricane Juan
- Hurricane Andrew
- Tropical Storm Allison
- Hurricane Lili
- Hurricane Rita
- Hurricane Gustav
- Hurricane Ike
- Hurricane Isaac
- Tropical Storm Lee
DATA REVIEW AND SURVEY

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DATA REVIEW
DATA REVIEW

Legend
- Fire Station
- 100 Year Flood Zone
- Community
- Municipality
- Transportation
  - US Highway
  - State/Parish Highway
- Railroad

Map ID Name
1. Bayou Black VFD - Station 2
2. Bayou Black VFD - Station 2
3. Bayou Blue VFD - Station 2
4. Bayou Blue VFD - Station 3
5. Bayou Canot Fire District
6. Bayou Cane VFD
7. Bayou Cane VFD-Hollywood Station
8. Bayou Canot VFD-Gatineau Station
9. Bayou Canot VFD-Port Station
10. Bayou Canot VFD - Station 1
11. Bayou Canot VFD - Station 2
12. Bayou Canot VFD - Station 4
13. Bayou FD
14. Cocodrie VFD
15. Cooper VFD
16. Covington VFD
17. Covington VFD #10
18. Grand Cachoe Fire Department #4
19. Grand Cachoe Fire Department #5
20. Grand Cachoe VFD - Boudreaux Station
21. Grand Cachoe VFD - Outer Fire Station
22. Grand Cachoe VFD - Dulac Sub Station
23. Houma FD - Bieber Station 4
24. Houma FD - East Houma Station 3
25. Houma FD - East Park Station
26. Houma FD - North Houma Station 2
27. Houma FD - South Houma Station 1
28. Houma Fire Department
29. Little Cachoe Fire - Lower Station 3
30. Little Cachoe VFD -Upper Station 1
31. Little Cachoe/Chauvin Fire #7
32. Little Cachoe/Chauvin Fire #7
33. Montegut District #6 - Station 1
34. Montegut - Station 2
35. Montegut - Station 3
36. Montegut - Station 4
37. Schriever VFD - Central Schriever St.
38. Schriever VFD - Elbeon Station
39. Schriever VFD - Gray Station
40. Schriever Volunteer Fire Dept
41. Village East VFD - Central Station
42. West Terrebonne FARM - St. John Baptist
43. West Terrebonne FARM - TRFCO DonCn
44. West Terrebonne Fire & Rescue (TRFCO)
DATA REVIEW

Map ID: Location
1. 17624 Lafourche Parish Hwy 183, Bayou Blue
2. 511 Bayou Sui Rd, Cocodrie
3. 2138-a Bull Run Rd, Chatahooche
4. 2626 Dogwood St, Gray
5. 2604 Highway 20, Chatahooche
6. 1606 Highway 56, Cocodrie
7. 6230 Redfish St, Cocodrie
8. 105 Shriners Sq, Cocodrie
9. 1320 Barataria Ave, Houma
10. 233 Bayou Dulcros Rd, Theriot
11. 1449 Bayou Dulcros Rd, Theriot
12. 2711 Bayou Dulcros Rd, Theriot
13. 11216 Bayou Watch Rd, Montegut
14. 165 Company Canal Rd, Bourg
15. 4352 Country Dr, Bourg
16. 2198 Crocheteville Rd, Montegut
17. 278 Cizerier Dr, Houma
18. 244 Dorothy Ct, Gibson
19. 1674 Dr Beanblossom Dr, Theriot
20. 228 Fandral St, Gibson
21. 205 Frontage Road A, Gray
22. 198 Hawks Ln, Bourg
23. 377 Huntley Ct, Houma
24. 132 Intracoastal Dr, Houma
25. 8024 Main St, Houma
26. 101 North Hollywood Rd, Houma
27. 106 North Hollywood Rd, Houma
28. 2509 Petroleum Dr, Houma
29. 2377 South Van Ay, Houma
30. 4362 Southdown Mandelay Rd, Houma
31. 1971 West Park Ave, Houma
32. 630 Waterlily Rd, Schriever
33. 7491 Park Ave, Houma
34. 1643 Rody Dr, Gray
35. 275 Bayou Black, Gibson
36. 1959-a Bayou Black Dr, Houma
37. 2629-a Bayou Black Dr, Gibson
38. 1960-a Bayou Black Dr, Gibson
39. 2201 Deslery Dr, Houma
40. 327 Dec Dr, Bourg
41. 7639 Grand Caillou Rd, Dulac
42. 2892 Grand Caillou Rd, Houma
43. 6225 Greatwood Dr, Gray
44. 764 Highway 182, Houma
45. 549 Highway 182, Houma
46. 14247 Highway 24, Bourg
47. 9556 Highway 311, Houma
48. 1556 Highway 331, Houma
49. 996 Highway 58, Montegut
50. 5302 North Bayou Black Dr, Gibson
51. 561 A Oak St, Houma
52. 9909 Paris Ave, Houma
53. 7061 Shimpors Rd, Dulac
54. 211 South St, Gibson
55. 1205-a Saint Charles St, Houma
56. 1976 Van St, Houma
57. 1976 Van St, Houma
58. 8256 Venet Mtn St, Houma
59. 1100-a Highway 98, Montegut
60. 144 Blackhawk Ct, Gibson

TERREBONNE PARISH
HAZARD MITIGATION PLAN UPDATE
ATTACHMENT
C2-15
CRITICAL FACILITIES
(COMMUNICATIONS)
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I. Meeting Summary
   A. Purpose, Need, and Expectations
   B. Plan Process and Review
   C. Hazard Identification
   D. Data Survey and Risk Assessment

II. Schedule/Locate Next Meeting
   - November 5: 10 – 12
   - November 15: 9:30 – 11:30
   - December 3: 9 – 11
   - December 10: 10 - 12

III. Adjourn
CONTACT INFORMATION

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