

**APPENDIX 2 Committee Meeting Agendas and
Summaries**

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Lake County Multi-Hazard Mitigation Plan Update
Project Team Meeting #1

Media Room
Lake County Government Center
2293 N Main Street
Crown Point IN 46307

June 4, 2018

9:00 am / 1:00 pm

AGENDA

1. Welcome and Introductions
2. Approach for the MHMP Update/Meeting Purpose
3. Hazard Risk Assessment:
 - a) Review Hazard Data
 - b) Discuss Vulnerability to Hazards
 - c) Determine Probability & Severity
4. Next Steps
5. Adjournment

CALCULATED PRIORITY RISK INDEX

The CPRI evaluates each hazard based on its probability of occurrence, severity, prior warning time, and duration. Thus, the CPRI provides a means to assess a hazard relative to others for a community. To determine the CPRI, a value of 1 through 4 is assigned to the categories for probability, magnitude/severity, warning time, and duration of event.

CPRI = Probability X 0.45 + Magnitude/Severity X 0.30 + Warning Time X 0.15 + Duration of Event X 0.10.

PROBABILITY

1. Unlikely – event is possible within the next 10 years; up to 1 in 10 years chance of occurring (10%); historic events is less than or equal to 10% likely per year
2. Possible – event is possible within the next 5 years; up to 1 in 5 years chance of occurring (20%); historic events is greater than 10% but less than or equal to 20% likely per year
3. Likely – event if probable within the next 3 years; up to 1 in 3 years chance of occurring (33%); historic events greater than 20% but less than or equal to 33% likely per year
4. Highly Likely – event is probable within the calendar year; up to 1 in 1 year chance of occurring (100%); historic events greater than 33% likely per year

MAGNITUDE/SEVERITY

1. Negligible – few injuries; shutdown of critical facilities and services for 24 hours or less; less than 10% of property is severely damaged; average response duration of less than 6 hours
2. Limited – few injuries; complete shutdown of critical facilities and services for more than 1 week; more than 10% of property is severely damaged; average response duration of less than 1 day
3. Critical – multiple injuries; complete shutdown of critical facilities and services for at least 2 weeks; more than 25% of property is severely damaged; average response duration of less than 1 week
4. Significant – multiple deaths; complete shutdown of critical facilities and services for 30+ days; more than 50% of property is severely damaged; average response duration time of less than 1 month

WARNING TIME

1. >24 hrs
2. 12-24 hrs
3. 6-12 hrs
4. < 6 hrs

DURATION OF EVENT

1. < 6 hrs
2. < 1 day
3. < 1 wk
4. > 1 wk

Assumptions for Estimating Potential Losses

90% mean assessed value for structures (Lake County GIS) x # structures x replacement

25% of structures=100% damage

35% of structures=50% damage

40% of structures=25% damage

Lake County Multi-Hazard Mitigation Plan Update

Project Team Meeting #1

Media Room
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2293 N Main Street
Crown Point IN 46307

June 4, 2018

9:00 am / 1:00 pm

SUMMARY

Project Team Members Present:

Nick Bellar, Winfield
Paul Bremer, Center Township
Robert Bubala, Griffith VEST
Alice Dahl, Cedar Creek Township
Jason Dravet, St John
Mike Duffy, Winfield (DLZ)
Bill Emerson, Lake County Surveyor
Dan Gossman, Lake County Surveyor's Office
Rose Marie Morrow, Eagle Creek Township
Frank Mrvan, North Township Trustee
Jill Murr, Cedar Lake
Paul Petrie, Lake County Homeland Security/EMA
Jodi Richmond, Lake County Homeland Security/EMA
Rick Ryfa, Griffith
Diana Sandlin, Gary Health Department
Steve Scheckel, Munster
Anthony Serna, East Chicago
Paulette Skinner, Winfield Township Trustee
Thomas Silich, Hobart Township Trustee
Martin Stevens, Lake County Homeland Security/EMA
Bill Timmer, Highland
Jerry Tippy, Lake County Commissioner

Others Present:

Heather Buck, CBBEL
Chelsea Sneddon, CBBEL

1. Welcome and Introductions

At each session, Heather and Jodi thanked everyone for attending the meeting and asked those present to introduce themselves.

2. Approach for the MHMP Update/Meeting Purpose

Heather explained to each group that the MHMP Update is a requirement to be completed every five years. The overall approach, utilizing a larger Planning Committee similar to the

previous approach was described. The meetings will follow steps to reach the end result of an updated MHMP for all NFIP Communities within Lake County.

3. Hazard Risk Assessment:

a) Review Hazard Data

During each session, the Committee reviewed the hazards to be studied as determined by Lake County EMA and agreed that these are the hazards which most affect the County. Heather shared data that CBBEL had gathered from the Nation Climatic Data Center (NCDC), local media outlets, and various agencies and offices since the 2010 MHMP was completed.

b) Discuss Vulnerability to Hazards

The Committee groups were engaged during the discussions regarding the hazards, specific events, and damages experienced. This information will be utilized to guide additional data collection for the MHMP Update, as well as enhance the discussion with the Planning Committee.

c) Determine Probability & Severity

The Committee, considering the data collected, their knowledge, and the prior discussions, determined the probability and severity of the hazards considered during this planning effort. This information will be utilized to determine the Calculated Priority Risk Index (CPRI) and will be reviewed by the Planning Committee.

4. Critical Infrastructure

Heather explained that the listing of Critical Infrastructure was provided by the Lake County GIS Department, and individual community GIS Departments and representatives categorized into sectors and mapped and utilized to perform additional data analyses to prepare “what-if” scenarios.

5. Next Steps

The process was further explained to the Committee to include the next meeting, a public review, and submission of the draft report for all Committee members, the public, and FEMA’s review and comment. It was also explained that it will be very important that all Committee members provide their information in a timely manner so that the draft MHMP Update can be prepared.

6. Adjournment

The morning Committee meeting adjourned. A repeat afternoon session was also held for additional representatives unable to attend the morning session. Later in June, sessions will be held to review the listing of the potential mitigation measures and provide a ranking of High, Moderate, or Low.

Lake County Multi-Hazard Mitigation Plan Update

Project Team Meeting #2

Media Room
Lake County Government Center
2293 N Main Street
Crown Point IN 46307

June 19, 2018

9:00 am / 1:00 pm

1. Welcome and Introductions
2. Review of the approach for the MHMP Update
3. Review the Hazard Risk Assessment/CPRI
4. Review and Prioritize Proposed Mitigation Measures
5. Next Steps
6. Adjournment

Lake County Multi-Hazard Mitigation Plan Update

Project Team Meeting #2

Media Room
Lake County Government Center
2293 N Main Street
Crown Point IN 46307

June 19, 2018

9:00 am / 1:00 pm

SUMMARY

Project Team Members Present:

Nick Bellar, Winfield
Gus Danielides, Whiting
Jason Dravet, St John
Matt Lake, Merrillville
Bryan Lane, Dyer
David Meyer, Schererville
Jill Murr, Cedar Lake
Dan Niksch, Crown Point
Robert Novick, Lake Station
Paul Petrie, Lake County Homeland Security/EMA
Jodi Richmond, Lake County Homeland Security/EMA
Diana Sandlin, Gary Health Department
Steve Scheckel, Munster
Thomas Silich, Hobart Township Trustee
Martin Stevens, Lake County Homeland Security/EMA
Bill Timmer, Highland
Camila Trevino-Olivera, Lake County Coroner's Office
Matthew VanDrunen, Lowell
Bob Fulton, Hobart

Others Present:

Heather Buck, CBBEL
Chelsea Sneddon, CBBEL

1. Welcome and Introductions

For both sessions Heather thanked everyone for attending. Introductions were made by those present.

2. Review of the Approach for the MHMP Update

A brief review was provided for those committee members not present at one of the first sessions.

3. Review the Hazard Risk Assessment/CPRI

The results of the completed CPRI were shared with those present. Utilizing the discussion from the previous Committee session, the “draft” CPRI was presented. Adjustments were made based on additional discussion with the Committee once they were able to see the final prioritizations. Communities not in attendance at one of the first sessions were able to provide their input immediately following one of the June 19th meeting sessions.

4. Review and Prioritize Proposed Mitigation Practices

Utilizing the mitigation practices described in the 2010 MHMP and information gathered through the planning process, a list of proposed mitigation practices was presented to the Committee for review and comment. Several members provided insight and input to wording and options for each proposed mitigation measure

5. Next Steps & Future Meetings

It was explained that the next step in the process is to prepare the draft MHMP Update for review first by the EMA staff and then by the Planning Committee members. Comments accepted by the EMA will be incorporated into the plan. Once this has been completed, a public review period will be set and the draft will be submitted to FEMA and IDHS for review and comment.

6. Adjournment

The Committee adjourned

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Lake County Multi-Hazard Mitigation Plan Update

Project Team Meeting (as needed)

Lake County Homeland Security EMA Office
2900 W 93rd St
Crown Point IN 46307

July 9, 2018

1:00 pm

SUMMARY

Project Team Members Present:

Ken Belshaw, Fire Chief, Town of Schneider
Dean Button, City of Hammond
Rodney Cross, Fire Chief, Shelby/Schneider/Wildwood
Sharon Szvedo, New Chicago
Robert Woodworth, Town of Schneider

Paul Petrie, Lake County Homeland Security/EMA
Jodi Richmond, Lake County Homeland Security/EMA

Others Present:

Heather Buck, CBBEL

1. Welcome and Introductions

Heather thanked everyone for attending and described the need for the additional meeting; to obtain representation from all incorporated communities. This meeting was scheduled as representatives from the communities unable to attend previously held sessions. Introductions were made by those present.

2. Review of the Approach for the MHMP Update

A brief review of the need for the MHMP update and the overall approach was provided.

3. Review the Hazard Risk Assessment/CPRI

The results of the completed CPRI were shared with those present. In some instances, Representatives at earlier meetings provided inputs for these communities. In many cases, these estimations were accurate and, in some cases, adjustments were made based on additional discussion with the Committee members present at this meeting.

4. Review and Prioritize Proposed Mitigation Practices

Members present at this session also reviewed and prioritized proposed mitigation measures described in the 2010 MHMP and additional measures developed with information gathered through the planning process. To provide as much information as possible, previous discussion points and outcomes of prioritizations were presented.

5. Next Steps & Future Meetings

It was again explained that the next step in the process is to prepare the draft MHMP Update for review first by the EMA staff and then by the Planning Committee members. Comments accepted by the EMA will be incorporated into the plan. Once this has been completed, a public review period will be set, and the draft will be submitted to FEMA and IDHS for review and comment.

6. Adjournment

The Committee adjourned