

SUMMARY NOTES OF THE APRIL 26, 2017 MEETING OF THE RACINE COUNTY HAZARD MITIGATION PLAN LOCAL PLANNING TEAM

INTRODUCTION

The April 26, 2017 meeting of the Racine County Hazard Mitigation Plan Local Planning Team (LPT) was convened at the Mount Pleasant Village Hall Community Room at 3:37 p.m. The meeting was called to order by David Maack, Coordinator of the Racine County Office of Emergency Management. Attendance was taken by circulating a sign-in sheet.

In attendance at the meeting were the following individuals:

Local Planning Team Members

Julie Anderson, Co-Chair	Director, Racine County Department of Public Works and Development Services
David Maack, Co-Chair	Coordinator, Racine County Office of Emergency Management
Aaron Owens, Secretary	Planner, Southeastern Wisconsin Regional Planning Commission
Dan Adams	Captain, Racine County Sheriff's Office
Megan Beauchaine	Research Analyst, Southeastern Wisconsin Regional Planning Commission
Joseph Boxhorn	Senior Planner, Southeastern Wisconsin Regional Planning Commission
David Degroot	President, Village of Mount Pleasant
Richard Roeder	Chief, Caledonia Fire Department
John P. Serketich	Assistant Corporation Counsel, Racine County
Brian Smith	Captain, Mount Pleasant Police Department
Robert Stedman	Fire Chief, Caledonia Fire Department
Sandi Swan	Deputy Clerk Treasurer, Village of Rochester
Skip Twardosz	Director of Emergency Management, Town of Burlington
Dan Warren	Chief, Caledonia Police Department
James Weidner	Captain, Racine County Sheriff's Office
Charles Weitzel	Member, Local Emergency Planning Committee
David Wohlgemuth	Lieutenant, City of Racine Police Department

Mr. Maack welcomed all attendees to the meeting and thanked them for their continued participation. He explained that this plan is required for communities to remain eligible for hazard mitigation grant funding. Mr. Maack provided an example of a home near the Pike River in the Village of Mount Pleasant that was bought out using hazard mitigation grant funds following a flooding event. He indicated that the buyout of the property was possible because the County had a hazard mitigation plan that was approved by FEMA. Ms. Anderson added that the plan helped get additional funding for the County's recovery following the 2008 flooding. Mr. Maack continued that the mitigation plan covers many other types of projects and mentioned that this plan update profiles two new hazard events: active shooter incidents and cyberattack on local governments. Mr. Maack noted that following FEMA's approval of the plan, adoption by the County will be obtained through the County Board's Land Use Committee. Mr. Maack further noted that FEMA requires all cities and villages within the County to participate in the planning process and each must adopt the plan to be eligible for hazard mitigation funding.

CONSIDERATION OF THE SUMMARY NOTES OF THE JUNE 20, 2016 LOCAL PLANNING TEAM MEETING

Mr. Maack turned the meeting over to Mr. Owens. Mr. Owens thanked the members of the planning team for their time and effort in updating Racine County's hazard mitigation plan. Mr. Owens briefly reviewed the summary notes from the June 20, 2016 meeting of the Local Planning Team. He noted that his presentation from that

meeting was attached to the summary notes as Exhibit B. He further noted that the summary notes serve as documentation of edits made to the draft Chapters of the report.

Mr. Owens stated that he received an email from Fire Chief Rick Mueller of the Waterford Fire and Rescue Department. In the email, Chief Mueller indicated that the service boundaries for the Village of Waterford Fire and EMS, as shown in draft Maps II-19 and II-20 were not accurate. Chief Mueller included in the email an image with the correct service boundaries for the department. Mr. Owens said that the revised boundaries for the Waterford Fire and Rescue Department were added to Maps II-19 and II-20 and were attached to the summary notes as Exhibit A.

Mr. Owens explained that there were several parts of the Lake Michigan coastal hazard section in Chapter IV of the report where discussion was added. Text was added regarding several homes in Caledonia that were at risk due to bluff erosion. There was also an added sentence regarding public informational meetings that were held in the County in June 2016 where local, State, and Federal officials provided information on temporary actions that could be taken to stabilize bluffs in the Villages of Mount Pleasant and Caledonia. In addition, further discussion related to the potential impacts of future fluctuations in Lake Michigan water levels associated with climate change projections was added to the Chapter.

Mr. Owens asked if there were any questions or comments. None were offered. Ms. Anderson motioned to approve the summary notes for the June 20, 2016 LPT meeting. Mr. Wohlgemuth seconded the motion, and the summary notes were approved.

**CONSIDERATION OF CHAPTER V, “HAZARD MITIGATION STRATEGIES,”
OF SEWRPC COMMUNITY ASSISTANCE PLANNING REPORT
NO. 266 (3RD EDITION), RACINE COUNTY HAZARD MITIGATION PLAN
UPDATE: 2017-2021**

Mr. Owens stated that the handout for the meeting included the text for draft Chapter V, followed by the tables and maps associated with the Chapter. Mr. Owens said material in the draft Chapter that is either new or revised has been highlighted yellow. This was done to assist in the review of the Chapter. He noted that the highlighting will be removed prior to publication of the final report.

[Secretary’s Note: Mr. Owens’ presentation is attached hereto as Exhibit A.]

Mr. Owens explained that Chapter V presents and evaluates alternative mitigation approaches for each hazard. There is also a review of current Federal, State, and local programs that deal with each hazard. The alternative measures for each hazard are then whittled down to recommended priority mitigation measures. Mr. Owens indicated that he would not go through each hazard in detail but he would briefly go through analysis of strategies for each hazard and point out the significant additions and changes from the previous edition of the report.

Mr. Owens presented a new element related to wetland restoration that was added to the flood mitigation strategies in Chapter V. This element recommended the consideration of restoring wetlands on agricultural land that is within the FEMA one-percent-annual-probability floodplain and is also considered by the Wisconsin Department of Natural Resources (WDNR) to be potentially restorable wetlands (PRW). Mr. Owens indicated that these areas were shown on Map V-3 and totaled approximately 6,800 acres throughout the County. Mr. Owens indicated that this measure was aimed primarily at reducing crop losses due to flooding, which have totaled over \$38.5 million dollars in the County since 1950. He also noted that restoration of wetland functions to these lands may also help to reduce flood flows and thus potentially reduce structure flooding in downstream areas. He stressed that this alternative should be implemented as a voluntary program, considered at the discretion of individual property owners. Mr. Boxhorn asked how much full implementation of the mitigation measure would reduce crop losses. Mr. Owens indicated that if all of the agricultural land shown on Map V-3 were taken out of production, crop losses may be reduced by over 60 percent based on reported losses. Mr. Owens stressed that it is not expected that all areas shown on Map V-3 would be restored to wetlands. The alternative simply

recommends that when opportunities present themselves on a particular tract of land, wetland restoration should be considered.

Regarding the mitigation measures presented in Chapter V related to flooding in the Root River watershed, Mr. Owens pointed out a new measure added for this update related to the Horlick dam in the City of Racine. He explained that in 2014 the WDNR had determined through a consultant's hydraulic analysis of the dam that it is unable to safely pass the peak flow during a one-percent-annual-probability flood. Thus, the WDNR has established a requirement to either increase the spillway capacity of the dam to safely pass the peak flow of a 100-year flood, or remove the dam altogether. The WDNR placed a deadline of April 2024 for these required actions to be completed. Mr. Owens noted that five alternatives to meet this requirement were studied as part of the Root River watershed restoration plan completed by SEWRPC in 2014. These alternatives are included in this plan update in Table V-4. Mr. Owens noted that the dam is owned by Racine County and asked Ms. Anderson if she was aware of further planning that the County has conducted regarding the dam. Ms. Anderson responded that the Root River Council held a public informational meeting in December 2016 relating to the dam alternatives. She indicated that environmental groups have supported the full removal of the dam. She explained that the County is continuing to evaluate all options and that no final decision has been made as to the direction the County will take to meet the WDNR requirement for the dam. Ms. Anderson further indicated that WisDOT is also watching the situation closely, as they need to rebuild the STH 38 bridge that transects the Root River just downstream of the Horlick dam. The decision related to the Horlick dam's future could impact the design and construction of the new STH 38 bridge.

Mr. Owens highlighted new or revised segments of the floodland management plan elements for the Fox, Pike, and Des Plaines watersheds. No questions or comments regarding those sections were offered from the members of the LPT.

Related to the public education activities of the flood mitigation section, Mr. Owens noted the new discussion that was added to explain a variety of methods that are used to warn people in Racine County of emergency situations. He indicated that three emerging warning methods are described in detail in this section (including CodeRed Emergency and Weather Notification System, the Wireless Emergency Alerts system, and the Ready Badger app). He further indicated that these warning methods are referenced for many of the hazards throughout Chapter V. Mr. Owens explained that the Ready Badger app was developed by computer science students from the University of Wisconsin-Parkside with the guidance emergency managers throughout southeastern Wisconsin. He noted that one of the main assets of this app was the ability of the public to report damages caused by hazards to the proper authorities. Mr. Owens asked if anyone from the LPT had an update as to the status of the Ready Badger app's production. Mr. Twardosz explained that the app is currently available to download for free and should be fully operational shortly.

Mr. Owens highlighted new and revised segments of the hazard mitigation strategies sections in Chapter V for thunderstorms, tornadoes, and extreme temperatures. There were no questions or comments regarding these sections.

Mr. Owens noted that there has been severe bluff erosion in Racine County in the past year, particularly in the Villages of Mount Pleasant and Caledonia. Due to these recent events, there were several segments of the Lake Michigan coastal hazards section of Chapter V that contained additional discussion. Mr. Owens said that text was added regarding a request made by the Village of Mount Pleasant to the U.S. Army Corp of Engineers (USACE) to study whether there is a viable project that fits their Section 14 authority to help the Village with a long-term solution to slow or stop the bluff erosion. Mr. Degroot asked where the USACE was in their process. Ms. Anderson responded that the USACE was still studying whether they would be able to help and indicated that if they are able to help it would be a long term project. She also noted that there is uncertainty currently if there will be Federal funding for programs that fund such projects.

Mr. Owens pointed out several alternative mitigation measures that were added to the Lake Michigan coastal erosion section. These alternatives included updating of a study that estimates bluff erosion rates, consideration of

acquisitions and demolitions of structures where bluff erosion had progressed to the point where the risk of failure of the slope was imminent within five years, and an update to a 2005 SEWRPC study that evaluated the condition and effectiveness of shoreline protection along the coast of the entire County. Mr. Owens also noted that projects to acquire and demolish homes at risk due to bluff failure would be potentially eligible for funding through the Hazard Mitigation Grant Program and the Pre-Disaster Mitigation Program. There were no further questions or comments regarding Lake Michigan coastal hazards.

Mr. Owens highlighted new and revised segments of the hazard mitigation strategies sections in Chapter V for winter storm events, drought events, transportation accidents, and contamination or loss of water supply. There were no questions or comments regarding these sections.

Mr. Owens pointed out several new alternative mitigation strategies that were added for hazardous materials incidents. Ms. Anderson raised some concern with the alternative measure related to adding safety gate systems at all at-grade crossings along routes that transport crude oil. She explained that the railroad companies control the installation of all safety gates at rail crossings, and it is often difficult to persuade them to take action. She added that the County and municipalities can make requests of the railroad companies, but in the end they don't have the authority to mandate them to install the safety gates. Mr. Maack suggested that the wording of the alternative could be revised to make it clear that the railroad companies are the responsible party for installation of safety gates.

[Secretary's Note: The third and fourth bullet point under "Structural" on page 97 of Chapter V were revised to read (text in bold is included here, and in similar subsequent Secretary's Notes, to indicate language changed or added onto the text. Text will not be bold in the report):

"Urge the railroad companies that own the tracks that traverse Racine County to consider adding safety gate systems at all at-grade railroad crossings along routes that transport crude oil;

Urge the railroad companies that own the tracks that traverse Racine County to consider adding railroad gate systems at all at-grade crossings that do not currently have them installed."]

Mr. Maack indicated that the Racine County hazardous materials plan was updated in 2017 and this date should be reflected in the text regarding local programs for hazardous materials incidents.

[Secretary's Note: The first sentence of the third paragraph on page 100 was revised to read:

"The Racine County Office of Emergency Management and the LEPC have developed a countywide hazardous materials plan which was updated in March 2017."]

Mr. Owens highlighted new and revised segments of the hazard mitigation strategies sections in Chapter V for public health emergencies, terrorism incidents, and long-term power outages. There were no questions or comments regarding these sections.

Mr. Owens indicated that the LPT decided to add two new hazards to be profiled in this update to the plan: cyberattack on local government and active shooter incidents. He reviewed the main alternative mitigation strategies for both hazards; reviewed the current programs at the Federal, State, and local governments that aim to mitigate damages from these hazards; and reviewed the priority mitigation measures for both hazards. There were no comments or questions regarding the mitigation strategies of these new hazards.

Mr. Owens reviewed the summary section of Chapter V. He explained that the section includes discussion of the ranking of prioritization of hazards. He noted the ranking of hazards was conducted both in terms of property and crop damages, and death and injury instances. He also indicated that the section discusses the costs and benefits of

mitigation measures, which are summarized in Table V-9. He noted that costs were only able to be developed for certain mitigation measures.

There were no further questions or comments from the Planning Team regarding Chapter V “Hazard Mitigation Strategies.” Mr. Maack’s motion to approve Chapter V was seconded by Mr. Serketich. The Chapter was approved unanimously by the Local Planning Team pursuant to changes and additions that were discussed during the meeting.

Subsequent to the April 26, 2017 Local Planning Team (LPT) meeting, Mr. Owens received an email correspondence from Silviano Garcia. The email indicated that Mr. Gracia and Ms. Jennifer Loizzo, from the Central Racine County Health Department (also members of the LPT) had reviewed the hazard mitigation plan component for public health emergencies in Chapter V. Mr. Garcia indicated that their revisions and additions to the section were attached to the email. The section on public health emergencies in Chapter V was revised, as appropriate, to reflect the Central Racine County Health Department review.

CONSIDERATION OF CHAPTER VI, “PLAN ADOPTION, IMPLEMENTATION, MAINTENANCE, AND REVISION,” OF SEWRPC COMMUNITY ASSISTANCE PLANNING REPORT NO. 266 (3RD EDITION), *RACINE COUNTY HAZARD MITIGATION PLAN UPDATE: 2017-2021*

Mr. Owens explained that the process for refining the plan, reviewing of the plan, and adoption of the plan update are included at the beginning of Chapter VI. Plan implementation strategies are summarized in Table VI-1, which provides, for each mitigation measure, the status of implementation, implementation priority, a general timetable, the suggested agency to manage the implementation of the measure, and potential funding programs. Mr. Owens also pointed out that the text in the Chapter provided descriptions of some of the main hazard mitigation funding sources and programs. He added that a comprehensive list and description of potential funding programs can be found in Appendix J and contact information for these programs are presented in Appendix K. He noted that these funding programs are constantly changing, especially with changing Federal administrations. Appendix J represents the most current programs that were available in March 2017.

There were no questions or comments from the Planning Team regarding Chapter VI “Plan Adoption, Implementation, Maintenance, and Revision.” Ms. Anderson’s motion to approve Chapter VI was seconded by Mr. Maack with no opposition. The Chapter was approved by the Local Planning Team.

REMAINING WORK TO BE COMPLETED FOR THE PLAN UPDATE

Mr. Owens indicated that there would be a public meeting held following the Local Planning Team meeting to present the preliminary draft of the plan update to the public and to get public input on the draft report. He explained that following the public meeting, comments and edits from both the LPT meeting and the public meeting will be incorporated into the draft chapters. He also indicated that several appendices also needed to be completed or refined. He reminded the LPT that all meeting materials including presentations, summary notes for all of the LPT meetings, and draft chapters are available for download on the SEWRPC website. Finally, he noted that there is also a comments page available on the website and also provided his email for additional comments or revisions that might come up. He asked the LPT to have any additional revisions or comments to him by May 8, 2017.

Mr. Owens explained that after all edits were incorporated from the LPT and public meetings, the plan would be sent to Wisconsin Emergency Management (WEM) for review. He indicated that the draft plan update would be revised based on the WEM review. The revised draft plan update would then be sent to FEMA for their final review. Pursuant to their review, FEMA will give a finding that the plan is approvable upon adoption by Racine County and the incorporated local municipalities. Mr. Owens noted that the towns are covered by the County’s adoption, but that they have adopted on their own in the past as well. He further explained that there is no

eligibility for funding through the Hazard Mitigation Grant Program (HGMP), the Pre-Disaster Mitigation Program (PDM), or the Flood Mitigation Program unless the plan is adopted by the County and incorporated municipalities.

Mr. Owens once again thanked the LPT members for their contributions of time and knowledge to the planning process. He specifically thanked David Maack and Julie Anderson from Racine County for their direction and assistance. He further thanked staff from SEWRPC for their assistance in developing the plan update including Joe Boxhorn, Laura Herrick, Karin Hollister, Tim Gorsegrner, and Megan Beauchaine.

COMMENTS ON DRAFT PLAN FROM MS. BARBARA MCNULTY, TREASURER, VILLAGE OF ELMWOOD PARK, AND MS. CONNIE MELLEM, MUNICIPAL CLERK, VILLAGE OF NORTH BAY FOLLOWING THE APRIL 26, 2016 MEETING OF THE LOCAL PLANNING TEAM

Following the meeting, Mr. Maack sent an email to the municipalities that had not yet participated in the updating process for the Racine County hazard mitigation plan. The email explained that it was a required by FEMA that incorporated municipalities participate in the hazard mitigation planning process if they would like to remain eligible for hazard mitigation funding. Mr. Maack's email stated that the best way for these communities to participate at this point in the planning process is to review that draft plan and forward any comments or revisions to Mr. Owens for inclusion into the draft plan update. The email was sent to the Villages of Elmwood Park and North Bay.

Ms. Barbara McNulty, the Village Clerk/Treasurer for the Village of Elmwood Park responded to Mr. Maack's email and indicated that she had reviewed the draft plan update. Ms. McNulty attached revisions for the draft plan to her email.

[Secretary's Note: The email correspondence between Mr. Maack, Ms. McNulty, and Mr. Owens is attached hereto as Exhibit B. The email correspondence contained an attachment with photocopies of the pages with revisions pertaining to the Village of Elmwood Park. All revisions that were provided by Ms. McNulty were incorporated into the draft plan.]

Ms. Connie Mellem, the Municipal Clerk for the Village of North Bay responded to Mr. Maack's email and indicated that she had reviewed the draft plan update. Ms. Mellem's email included revisions for the draft plan.

[Secretary's Note: The email correspondence between Ms. Mellem and Mr. Owens is attached hereto as Exhibit C. All revisions that were provided by Ms. Mellem were incorporated into the draft plan.]

ADJOURNMENT

There being no further business, the meeting was adjourned by unanimous consent at 4:56 p.m.

CAPR-266-3 SUMMARY NOTES RACINE CTY HMP LPT MTG APRIL 26, 2017 (00237210).DOC
500-1113
LLH/AWO
5/1/2017, 5/18/17

Exhibit A

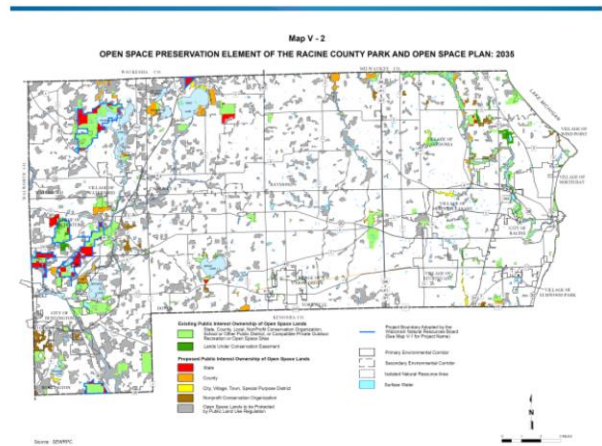
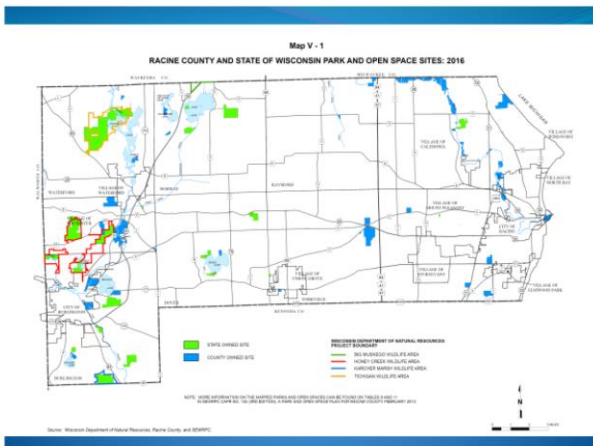


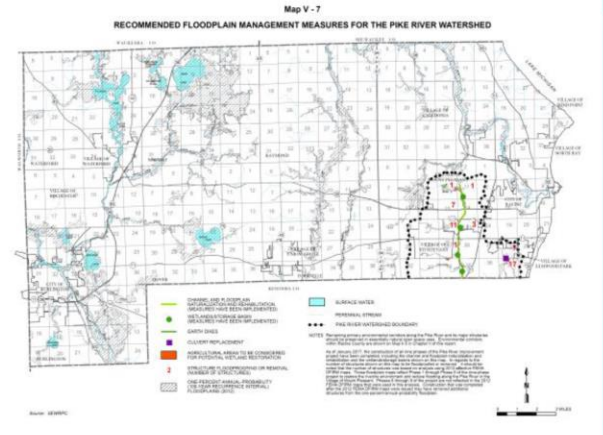
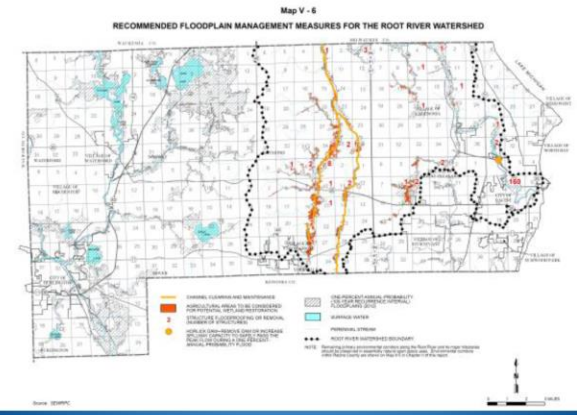
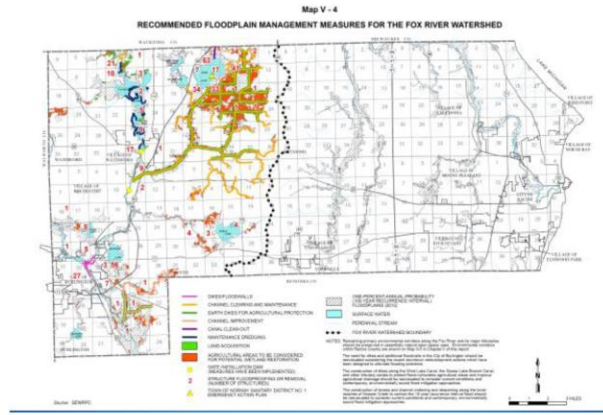
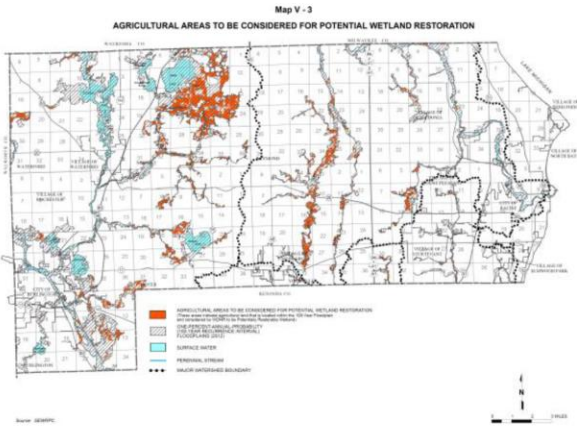
Chapter V Overview

- Presents and evaluates alternative approaches to mitigating each hazard
- Identifies and recommends priority mitigation measures for each hazard
- Flooding section is organized by watershed
- Sections for all hazards other than flooding follow a standard format
- Summary section looks at costs and benefits and prioritizes hazards

Hazard Sections

- Most profiles follow a similar format
 - Identification of alternative mitigation strategies
 - Nonstructural, structural, public information and education
 - Review of current programs
 - Federal, State, and Local
 - Evaluation of alternatives and identification of mitigation actions
 - Multijurisdictional considerations
 - Priority mitigation measures





Heating/Cooling Centers

Appendix II

EXTREME TEMPERATURE HEATING AND COOLING SITES IN RACINE COUNTY: 2015

Site Name	Address	Hours	Phone Number
Community Centers			
Clayton Community Center	2211 Douglas Avenue, Racine	Hours Varies	262-536-3939
Dr. John Brown Community Center	1411 21st Street, Racine	Hours Varies	262-536-3338
Dr. Martin Luther King, Jr. Community Center	1134 Dr. MLK, Jr. Circle, Racine	Monday - Friday 9 am to 5 pm	262-536-6440
Madison Park Community Center	2000 Madison Avenue, Racine	Hours Varies	262-536-3338
State Center Community Center	1811 1st Street, Racine	Hours Varies	262-536-3338
Washington Senior Center	2811 W. Main Street, Burlington	Hours Varies	262-787-0880
Water Street Village Hall Community House	609 10th Avenue, Grand Street	Hours Varies	262-676-1878
Public Libraries			
Racine Public Library	1076 Grand Avenue	Monday - Tuesday 9 am to 5 pm Friday - Saturday 1 am to 5 pm	262-636-6241
Burlington Public Library	100 E. Jefferson Street, Burlington	Monday - Tuesday 9 am to 5 pm Friday - Saturday 10 am to 2 pm	262-783-7823
Sheboygan Public Library	508 W. Taylor Street, Sheboygan	Monday - Thursday 9 am to 5 pm Friday 1 pm to 4 pm	262-224-2333
Green Bay Public Library	515 Main Street, Green Bay	Monday - Thursday 9 am to 5 pm Friday 9 am to 5 pm Saturday 9 am to 2 pm	262-478-2910
Wauwatosa Public Library	161 W. Main Street, Wauwatosa	Monday - Tuesday 9 am to 5 pm Friday 10 am to 5 pm Saturday 10 am to 2 pm	262-628-1395
Shopping Centers			
Regency Mall	6338 Grand Avenue, Racine	Monday - Friday 10 am to 6 pm Saturday 10 am to 5 pm Sunday 12 pm to 5 pm	262-534-7563
Target	6300 Grand Avenue, Racine	Monday - Saturday 9 am to 10 pm Sunday 10 am to 6 pm	262-534-6666
Walgreens - Racine	5424 S. DuSable Road, Racine	Monday - Saturday 9 am to 8 pm	262-536-6337
Walgreens - Burlington	181 E. Lincoln Avenue	24 hours	262-787-0880
Medical Centers			

Average Annual Fatalities and Injuries

Table G-1

PRIORITY RANKING OF NATURAL AND OTHER HAZARDS AFFECTING RACINE COUNTY BASED UPON MORTALITY AND INJURY

Code	Category	Period of Record	Number of Reported Incidents per Year (Average)	Number of Mortality per Year (Average)	Number of Injuries per Year (Average)	Sum of Average Mortality and Injuries per Year	Priority Ranking based on Analysis
01	Public Health Emergencies	1989-2013	6,862.0*	0.0**	6,862.0*	6,862.0	1
02	Transportation Accidents	1989-2013	2,963.0*	0.2	2,962.8	2,963.0	2
03	Thunderstorm/Ice Storm	1989-2013	10.0	0.0	10.0	10.0	3
04	Heatstroke/Heat Exhaustion	2007-2013	0.0	0.0	0.0	0.0	4
05	Temperature Extremes	1989-2013	0.7	0.0	0.7	0.7	5
06	Tornadoes	1989-2013	0.0	0.0	0.0	0.0	6
07	Winter Storms	1989-2013	0.3	0.0	0.3	0.3	7
08	Floods	1989-2013	1.0	0.0	1.0	1.0	8
09	Contamination or Loss of Water Supply	1989-2013	0.7	0.0	0.7	0.7	9
10	Lake Manager Control Erosion	1989-2013	0.2 (based on 2013)	0.0	0.2	0.2	10
11	Drought	2002-2013	0.4	0.0	0.4	0.4	11
12	Severe Incident	2002-2013	0.0	0.0	0.0	0.0	12
13	Animal Disaster Incidents	1989-2013	0.0	0.0	0.0	0.0	13
14	Power Outage Incidents	2002-2013	0.0	0.0	0.0	0.0	14
15	Other Hazards on Local Government	1989-2013	0.0	0.0	0.0	0.0	15

NOTES: The table tabulates the entire data available for each hazard and includes any data that is reported for that hazard in Racine County. The table tabulates the entire data available for each hazard in Racine County. The table tabulates the entire data available for each hazard in Racine County. The table tabulates the entire data available for each hazard in Racine County.

Source: National Climatic Data Center; U.S. Department of Transportation, Office of Pipeline Safety; Wisconsin Department of Transportation; Racine County Division of Emergency Management; and ARS&C.

Remaining Effort on Plan Update

- Public Meeting
- Review by the Wisconsin Division of Emergency Management
 - Any necessary revisions
- Review by the Federal Emergency Management Agency
 - Any necessary revisions
- Formal adoption by the Racine County Board
 - Covers the Towns
- Formal adoption by the governing bodies of the incorporated municipalities of the County

Project Web Site

- <http://www.sewrpc.org/HMP>
- Agendas and other meeting materials
- Summary notes from meetings
- Presentations
- Draft chapters as they are completed
- Comment screen
- Other ways to send a comment

Also Can Email Comments to aowens@sewrpc.org

Please Send Comments By May 8, 2017

Exhibit B

Owens, Aaron W.

From: Village Treasurer <Treasurer@vil.ep.wi.us>
Sent: Thursday, May 11, 2017 10:49 AM
To: Owens, Aaron W.
Cc: Kathy Wells
Subject: Re: Hazard Mitigation Plan Review
Attachments: Changes Hazard Mitigation.pdf

Good Morning Aaron,

I have attached copies of the pages that require changes for the Village of Elmwood Park. Please call with any questions.

Thank you for your assistance.

Barbara McNulty
Treasurer
Village of Elmwood Park
(262)498-9789 (Cell)

From: Owens, Aaron W. <AOWENS@SEWRPC.org>
Sent: Friday, May 5, 2017 9:59 AM
To: Village Treasurer
Cc: 'Maack, David'; Kathy Wells
Subject: RE: Hazard Mitigation Plan Review

Hello Barbara,

We are hoping to have the draft plan update to Wisconsin Emergency Management (WEM) by May 12. For the Village of Elmwood Park to remain eligible to be covered by the County's plan, and thus eligible for hazard mitigation funding, we simply need someone from the Village to review the draft plan located in the link that David Maack provided in the email below. In the interest of time for you, I would recommend starting by reviewing of the tables from each chapter. Most of the important info discussed in the text is also presented in the tables. Tables are located at the back of each chapter of the plan.

Your example of the new fire and EMS contract status with the Village of Mt. Pleasant is exactly the types of revisions that we have been seeking from communities. Please make a list of any necessary revisions or comments, with the page number that they appear in in the preliminary draft plan (or if it is easier, make a copy of the page with your revisions written on the page). I think the easiest method at this point would be to email the list of your revisions (or scanned pages with revisions written on them) to me. We will then make any necessary revisions to the draft plan before we send it off to WEM for review.

This will allow the Village to remain eligible under the plan update, assuming the Village also adopts the plan after it is approved by FEMA (likely towards the end of summer).

Feel free to give me a call if you have any questions.

Aaron Owens
Planner
Southeastern Wisconsin Regional Planning Commission
P.O. Box 1607
W239 N1812 Rockwood Drive
Waukesha, WI 53187-1607
Phone: (262) 953-4293
Fax: (262) 547-1103
E-mail: aowens@sewrpc.org
Web site: www.sewrpc.org

From: Maack, David [mailto:David.Maack@racinecounty.com]
Sent: Friday, May 05, 2017 8:21 AM
To: Village Treasurer <Treasurer@vil.ep.wi.us>
Cc: RS Kathy Wells Vil of Elmwood Prk <Kathy.Wells@vil.ep.wi.us>; Owens, Aaron W. <AOWENS@SEWRPC.org>
Subject: RE: Hazard Mitigation Plan Review

We had our last meeting last week. I am cc'ing Aaron from SEWRPC. He can work with you on any changes affecting the Village.

David L. Maack, CEM, CPM, WCEM I Coordinator
Racine County Office of Emergency Management
Office: 262.636.3515 | Fax: 262.636.3505
E-mail: david.maack@racinecounty.com
Website: www.racinecounty.com/government/ready-racine-county
Facebook: www.facebook.com/readyracineco
"Building a Disaster Resistant Community-Making Disaster Resistance a Way of Life"

From: Village Treasurer [mailto:Treasurer@vil.ep.wi.us]
Sent: Thursday, May 04, 2017 5:47 PM
To: Maack, David <David.Maack@racinecounty.com>
Cc: RS Kathy Wells Vil of Elmwood Prk <Kathy.Wells@vil.ep.wi.us>
Subject: Re: Hazard Mitigation Plan Review

David,

I am the new clerk/treasurer for the Village of Elmwood Park. I would like to know if you have a schedule for meeting on the Hazard Mitigation Plan. There are updated names and service providers for the Village since the Plan update was completed. For instance, the village now has contracted with the Village of Mount Pleasant for fire and emergency services.

Please let me what we need to do to be more pro-active in the mitigation plan.

Sincerely,

Barbara McNulty
Treasurer
Village of Elmwood Park
(262)498-9789 (Cell)

From: Maack, David <David.Maack@racinecounty.com>

Sent: Wednesday, May 3, 2017 2:27 PM

To: Kathy Wells; Village Treasurer

Subject: Hazard Mitigation Plan Review

Over the past year and a half, we have been reviewing and updating the Racine County Hazard Mitigation Plan. It is imperative, if municipalities would desire to be eligible for Hazard Mitigation Funds, that they participate in this planning process. To date, we have not had representation from the Village of Elmwood Park. If you would like to maintain eligibility for future funds, you must do two things:

1. Review and comment on the plan
2. Adopt the plan

You may review and comment by clicking on the following link:

<http://www.sewrpc.org/HMP>

Scroll down to the heading titled "Preliminary Draft Chapters" under the "Racine County Hazard Mitigation Plan Update" section.

The preliminary draft of the report is titled "CAPR-266—Racine County Hazard Mitigation Plan Update: 2017-2021 (PRELIMINARY DRAFT)"

Please let me know if you have any questions. Thank you for your consideration.

David L. Maack, CEM, CPM, WCEM I Coordinator
Racine County Office of Emergency Management
Office: 262.636.3515 | Fax: 262.636.3505
E-mail: david.maack@racinecounty.com
Website: www.racinecounty.com/government/ready-racine-county
Facebook: www.facebook.com/readyracineco
"Building a Disaster Resistant Community-Making Disaster Resistance a Way of Life"

Table I-3

OUTREACH ACTIVITIES BY LOCAL COMMUNITIES IN RACINE COUNTY RELATED TO HAZARD MITIGATION: 2009-2014

Community	Activity
Racine County	County Website Office of Emergency Management webpages Ready Racine County Facebook page Ready Racine quarterly newsletter Contract with Root-Pike WIN for stormwater education and outreach
City of Burlington	Quarterly newsletter City website Email and text message information notices City Facebook page City Twitter account City Fire Department Facebook page City Police Department Facebook page Contract with Central Racine County Health Department for public health services and outreach
City of Racine	City website Email newsletter City Twitter account City Police Department Twitter account Health Department Facebook and Twitter page Contract with Nixle to send out geographically specific emergency alerts to wireless devices Contract with Root-Pike WIN for stormwater education and outreach
Village of Caledonia	Village website Village Police Department Facebook page Village Fire Department Facebook page Village Fire Department open house Village Fire Department yearly fire safety school program Village Police and Fire Department Safety Day Contract with Root-Pike WIN for stormwater education and outreach Contract with Central Racine County Health Department for public health services and outreach
Village of Elmwood Park	Village website Village Facebook page Village Twitter account
Village of Mount Pleasant	Village website Village Facebook page Village Twitter account Village Police Department Facebook page Contract with Root-Pike WIN for stormwater education and outreach Contract with Central Racine County Health Department for public health services and outreach
Village of North Bay	Village website Contract with Central Racine County Health Department for public health services and outreach
Village of Rochester	Quarterly newsletter Compiling list of special needs residents who would need special assistance in the event of a disaster Visits by public works staff to homes at risk of flooding in the event of upstream dam failure to inform and advise residents Email and text message information notices Village Facebook page Contract with Central Racine County Health Department for public health services and outreach
Village of Sturtevant	Quarterly newsletter Village website Village Police Department Facebook page Contract with Root-Pike WIN for stormwater education and outreach Contract with Central Racine County Health Department for public health services and outreach

Delete Add email information notices

Table II-14

WORKING STATUS OF FIRE DEPARTMENTS, EMERGENCY MEDICAL SERVICE PROVIDERS, AND LAW ENFORCEMENT DEPARTMENTS SERVING RACINE COUNTY: 2015

Fire/Rescue Department	Working Status of Fire Suppression Department	Emergency Medical Service Arrangement	Working Status of Law Enforcement Department
City of Burlington	Full-time and part-time volunteers (City Fire Department ^a)	Volunteer (Burlington Rescue Squad, Inc. ^b)	Full-time (City Police Department)
City of Racine	Full-time (City Fire Department ^a)	Full-time (City Fire Department ^a)	Full-time (City Police Department)
Village of Caledonia	Full-time (Village Fire Department ^a)	Full-time (Village Fire Department)	Full-time (Village Police Department)
Village of Elmwood Park	Contract with City of Racine South Shore	Contract with City of Racine South Shore	Contract with County Sheriff Department with local constable
Village of Mt. Pleasant	Full-time (South Shore Fire Department ^a)	Full-time (South Shore Fire Department ^a)	Full-time (Village Police Department)
Village of North Bay	Contract with City of Racine ^b	Contract with City of Racine ^b	Contract with Village of Wind Point Police, Village also has a local constable
Village of Rochester	Volunteer (Rochester Volunteer Fire and Rescue Company, Inc. ^{c, 1})	Volunteer (Rochester Volunteer Fire and Rescue Company, Inc. ^c)	Contract with County Sheriff Department
Village of Sturtevant	Full-time and part-time (South Shore Fire Department ^a)	Full-time and part-time (South Shore Fire Department ^a)	Full-time (Village Police Department)
Village of Union Grove	Volunteer (Union Grove-Yorkville Fire and Rescue Department ^{a, d})	Volunteer (Union Grove-Yorkville Fire and Rescue Department ^{a, d})	Contract with County Sheriff Department
Village of Waterford	Full-time command staff and volunteers (Village of Waterford Fire and Rescue Department ^a)	Full-time command staff and volunteers (Village of Waterford Fire and Rescue Department ^a)	Contract with County Sheriff Department ^d
Village of Wind Point	Contract with City of Racine ^b	Contract with City of Racine ^b	Part-time (Village Police Department)
Town of Burlington	Volunteer (Town Fire Department ^a)	Volunteer (Burlington Rescue Squad, Inc. ^c)	Full-time (Town Police Department), Town Water Patrol
Town of Dover	Volunteer (Kansasville Fire and Rescue ^a)	Volunteer (Kansasville Fire and Rescue ^a) and Full-time ^e	Contract with County Sheriff, Town Water Patrol
Town of Norway	Volunteer (Wind Lake Volunteer Fire Company, Inc. ^c)	Volunteer (Wind Lake Volunteer Fire Company, Inc. ^c)	Part-time (Town Police Department), Town Water Patrol
Town of Raymond	Volunteer (Town Fire and Rescue Department ^a)	Volunteer (Town Fire and Rescue Department ^a)	Contract with County Sheriff Department
Town of Waterford	Volunteer (contracts with Village of Waterford Fire and Rescue Department ^a and Tichigan Volunteer Fire Department ^c)	Volunteer (contracts with Village of Waterford Fire and Rescue Department ^a and Wind Lake Volunteer Fire Company, Inc. ^c)	Full-time (Town Police Department)
Town of Yorkville	Volunteer (Union Grove-Yorkville Fire and Rescue Department ^a)	Volunteer (Union Grove-Yorkville Fire and Rescue Department ^a)	County Sheriff Department with local constable

NOTES: The Union Grove-Yorkville Fire and Rescue Department and Kansasville Fire and Rescue have an automatic mutual aid agreement for structure fires. Any time a structure fire is reported in the Village of Union Grove, the Town of Dover, or the Town of Yorkville, both fire departments are automatically called to assist.

The City and Town of Burlington Fire Departments have an informal mutual aid agreement. The City of Burlington Fire Department will send a ladder truck to any structure fire in the Town of Burlington. The Town of Burlington Fire Department will send an engine truck to any structure fire or fire with trapped victims in the City of Burlington.

The Village of Rochester, Village of Waterford, and Tichigan Fire Departments maintain an automatic aid agreement. If there is a structure fire or fire alarm in any of these jurisdictions, all three Departments are automatically dispatched. If the call is in the Village of Rochester, the Town of Burlington is also dispatched.

^aPublic departments.

^bAs of January 1, 2016, the Villages of North Bay and Wind Point no longer use the Racine Fire Department for their fire and EMS service. Caledonia has taken over fire and EMS services for those two communities.

^cPrivate, nonprofit company.

^dAs of January 1, 2016, the Village of Waterford no longer contracts with the Racine County Sheriff's Department for law enforcement. Law enforcement services are provided by the Town of Waterford Police Department.

^eThe Kansasville Fire Department provides an ambulance and has volunteer emergency medical technicians (EMTs). In addition, the Town of Dover contracts with Medix Ambulance Services, a private, for-profit company, to provide advanced certified EMTs to staff the fire department's rescue squad.

Source: Racine County Office of Emergency Management, local municipalities, and SEWRPC.

ADD: AS of January 1, 2016 V.E.P. NO longer contracts w/ Racine F.D. for fire + ems services

Table D-3

SELECTED GOVERNMENT ADMINISTRATION BUILDINGS: 2015

Name	Community	Address	Contact Name	Telephone Number	Fax Number
City, Village, or Town Halls					
	City of Burlington	300 N. Pine Street	Dihann Halbach	(262) 342-1171	(262) 763-3474
	Town of Burlington	32288 Bushnell Road	Adelheid Streif	(262) 763-3070	(262) 763-2118
	Village of Caledonia	6922 Nicholson Road	Kari Torkilsen	(262) 835-6415	(262) 835-2388
	Town of Dover	4110 S. Beaumont Avenue	Camille Gerou	(262) 878-2200	(262) 878-2595
Hall	Village of Elmwood Park	3131 Taylor Avenue	Tommy Ruggaber	(262) 554-7818	--
all	Village of Mt. Pleasant	8811 Campus Drive	Stephanie Kohlhagen	(262) 664-7800	(262) 664-7801
	Village of North Bay	3615 Hennepin Place	Alix Sanchez	(262) 639-2334	--
	Town of Norway	6419 Heg Park Road	Patricia Campbell	(262) 895-6335	(262) 895-6601
	City of Racine	730 Washington Avenue	Janice Johnson-Martin	(262) 636-9171	(262) 636-9548
	Town of Raymond	2255 76th Street	Linda Terry	(262) 835-4426	(262) 835-4449
	Village of Rochester	300 W. Spring Street	Betty J. Novy	(262) 534-2431	(262) 534-4084
	Village of Sturtevant	2801 89th Street	Mary Cole	(262) 886-7201	(262) 886-7205
all	Village of Union Grove	925 15th Avenue	Jill Kopp	(262) 878-1818	(262) 878-3782
	Town of Waterford	415 N. Milwaukee	Tina Mayer	(262) 534-2350	(262) 534-6606
	Village of Waterford	123 N. River Street	Carrie Orlovsky	(262) 534-3980	(262) 534-5373
	Village of Wind Point	215 E. Four Mile Road	Michael Hawes	(262) 639-3524	(262) 639-5727
	Town of Yorkville	925 15th Avenue	Michael McKinney	(262) 878-2123	(262) 878-1680
Other Local Government Facilities					
nity Center	City of Racine	2221 Douglas Avenue	Jason Mars	(262) 636-9221	--
al Court	City of Racine	800 Center Street	--	(262) 636-9263	--
unity Center	City of Racine	601 21st Street	Lesia Hill-Driver	(262) 636-9235	--
Jr. Community Center	City of Racine	1134 Martin Luther King Jr. Drive	James Wilson	(262) 636-9237	--
	City of Racine	5 5th Street	--	(262) 636-9229	--
ity Center	City of Racine	2200 Blaine Avenue	Jeanne Brenner	(262) 636-9226	--
	City of Racine	72 7th Street	--	(262) 636-9169	--
ty Center	City of Racine	2301 12th Street	Jeanne Brenner	(262) 636-9414	--



PRELIMINARY DRAFT

Barbara McNulty

Law Enforcement

Seven of the 17 municipalities in Racine County provide for law enforcement through full-time police departments. In the remaining municipalities, law enforcement is provided through a combination of part time police departments and/or contracting the services of the County Sheriff's Department to provide primary law enforcement. In addition, the Village of Waterford has a limited police presence and the Villages of Elmwood Park and North Bay and the Towns of Dover and Yorkville provide limited law enforcement through part-time town constables. The location of each local law enforcement station in Racine County is shown on Map II-21. That map also shows the location of the State of Wisconsin Department of Corrections, correctional facilities and County detention centers in the County.

no constable. ←

In 2014 Racine County joined the Suburban Mutual Assistance Response Team (SMART). The agreement was made in recognition that situations may occur which are beyond the ability of a local law enforcement agency to deal with effectively in terms of personnel, equipment, and available resources. Under this system Racine County agencies have cooperative agreements with agencies in Jefferson, Milwaukee, Walworth, and Waukesha Counties that allows for mutual aid during a significant emergency or disaster. Within one hour, a community that is a member of SMART can have up to 65 law enforcement officers respond to the community to help where needed.

Specialized Response Teams

Some fire departments and law enforcement agencies in the County participate in several specialized response teams. The Racine County Water Rescue Response Team consists of members of public safety agencies throughout Racine County. This team provides emergency response of trained personnel and equipment in water-related life-threatening situations, recovery of drowning victims, and search and recovery of crime evidence. The Racine County Sheriff's Office Water Patrol operates water safety patrols on Lake Michigan and inland lakes and rivers throughout the County to assist boaters with accidents, engine failures, rescue, and to provide enforcement activities. The Racine County Sheriff's Office also leads a Community Emergency Response Team (CERT) that can provide assistance to communities before, during, and after disasters. The Racine County Sheriff's Office and the City of Racine Police Department each have their own Special Weapons and Tactics (SWAT) and crisis negotiators teams. The SWAT teams are comprised of personnel specially trained in serving high risk search warrants, fugitive apprehension, and resolving barricaded subject and hostage situations. Both SWAT teams are also equipped with an armored personnel carrier. In addition, the Racine Police Department operates a Crowd Control Team.

The City of Racine Fire Department is one of five representatives of the Southeast Wisconsin Hazardous Materials Task Force. The department is a Type II Hazardous Materials Response Team and operates a fully

Exhibit C

Owens, Aaron W.

From: Vnb Clerk <vnbclerk@gmail.com>
Sent: Wednesday, May 17, 2017 3:06 PM
To: Owens, Aaron W.
Subject: Re: Racine County Hazard Mitigation Plan

Mr. Owens:

Thank you for responding so quickly.

I do have a further question. Since you will be updating Table II-4 on Page 61, will doing that change the "Notes" on Map II-19, Page 85 and Map II-20, Page 86?

I will try to locate information regarding the bluff stabilization before Friday.

Thank you for the information regarding FEMA updates.

Connie Mellem
Municipal Clerk
Village of North Bay
3615 Hennepin Place
Racine, WI 53402
262-639-2334
Website: <https://northbay-wi.us>

On Wed, May 17, 2017 at 2:20 PM, Owens, Aaron W. <AOWENS@sewrpc.org> wrote:

Ms. Mellum,

Thank you for your review and comments!

I will revise the draft plan to reflect your edits where appropriate. Also, I have included some short answers to some of your questions (see red text below).

After the plan is reviewed by FEMA and deemed "approvable upon adoption" the Village will be contacted to pursue adoption from the Village Board.

Keep in mind the plan will need updating again in 5 years. It would be great to have you or another representative from the Village on our Local Planning Team at that time.

Thanks again and let me know if you have any other questions.

Aaron OWENS, Planner

Southeastern Wisconsin Regional Planning Commission
P.O. Box 1607

W239 N1812 Rockwood Drive

Waukesha, WI 53187-1607

Phone: [\(262\) 953-4293](tel:(262)953-4293)

Fax: [\(262\) 547-1103](tel:(262)547-1103)

E-mail: aowens@sewrpc.org

Web site: www.sewrpc.org

From: Vnb Clerk [<mailto:vnbclerk@gmail.com>]
Sent: Wednesday, May 17, 2017 12:21 PM
To: Owens, Aaron W. <AOWENS@SEWRPC.org>
Subject: Racine County Hazard Mitigation Plan

Good Morning Mr. Owens:

I have reviewed the draft plan that you forwarded, and I pose the following questions/information to you:

On Table I-2, Page 16, would North Bay be acknowledged under Provision of Data, now that you have a response and questions? *Yes, because you have now reviewed the draft plan and provided us data/info we will check off North Bay for the "provision of data" and "review of report" column of Table I-2.*

On Table I-3, Page 17, the Village of North Bay emails a Quarterly Newsletter to its residents, and sends email information notices. *Will add to Table I-3*

On Table II-4, Page 61, will the North Bay section be updated to show Caledonia Fire Department for Fire Suppression and Emergency Medical, or will that remain as the Footnote "b"? *Yes, the Caledonia Fire and EMS will be listed as serving the Village of North Bay. I have removed footnote b.*

On Map II-5, Page 71, it is difficult for me to determine if North Bay is in the Primary Environmental Corridor because of its small size. I do know that our ordinance considers North Bay to be in a Residential Conservation Overlay District. *There are no Primary Environmental Corridors in North Bay.*

On Map II-8, Page 74, I see that it is dated 1995. For what it is worth, I seem to recall that there were subsequent stabilization projects, including one in 1998 and another in the last five years. This map reflects a specific study that was completed in 1995. If you have any details on stabilization projects we could include note that stabilization projects have occurred in the Village.

On Map II-9, Page 75, and on Map IV-8, Page 300, I am not familiar enough with the term "protected" to determine that the designation for North Bay is correct. This map is showing data from a specific study that was completed in 2005 for the County. As one of the priority mitigation measures regarding Lake Michigan coastal hazards, we are recommending that the County has this study updated to reflect today's conditions (i.e. higher Lake levels).

On Page 175 and Table IV-23, there is note of special consideration for continual surveillance of coastal conditions. While our Board has been pro-active on this, I will be sure to note this reference to them.

On Table V-7, Page 447, communities participating in the National Flood Insurance Program are listed. It indicates that North Bay is not a participant. Note that on Table II-7, Page 64, North Bay is not required to adopt

Floodland zoning or Shoreland/Wetland Zoning, as it has no floodplain and no shoreland wetlands. Also noted on Page 141 is that flood hazard areas have not been identified for North Bay. My question then is whether North Bay needs to be a participant in order to be a part of the Hazard Mitigation plan? This is a good point. In Table V-7 I will add footnote "a" stating "There are no floodlands mapped in the Villages of Elmwood Park and North Bay" this will indicate why the Village is not a participant in the NFIP. The Village does not need to participate in the NFIP in order to be a part of the Hazard Mitigation plan.

One thing to note regarding floodplains...FEMA is in the process of delineating "V" zones, or "wave run-up" zones for coastal communities along Lake Michigan. They should have draft maps for review by the communities in late summer/fall of this year. North Bay may not be affected as much by this new FEMA mapping because of the bluffs in the area, but I wanted you to be aware of the project. If you would like to make sure you receive updates regarding this FEMA project you could contact Julie Anderson (Director of Racine Co Dept of Public Works and Development Services). She would be able to make sure you get on whatever mailing lists there are for updates on the project.

I believe that the statistics that you quote for North Bay on Pages 48 (acreage), 52 (equalized value) and 57 (1.4 square miles) are correct. However, I have not had the opportunity to research those yet.

It is evident that a great deal of time and effort has gone into preparing this report. It is very well done.

Please let me know if you have any other questions or concerns.

Sincerely,

Connie Mellem
Municipal Clerk
Village of North Bay
3615 Hennepin Place
Racine, WI 53402

[262-639-2334](tel:262-639-2334)