

**SUMMARY NOTES OF THE AUGUST 28, 2018 MEETING OF THE
OZAUKEE COUNTY HAZARD MITIGATION PLAN LOCAL PLANNING TEAM**

INTRODUCTION

The August 28, 2018, meeting of the Ozaukee County Hazard Mitigation Plan Local Planning Team was convened at the Frank L. Weyenberg Library at 1:12 p.m. The meeting was called to order by Scott Ziegler, Director of Ozaukee County's Division 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

Scott Ziegler, Chair	Director, Ozaukee County Division of Emergency Management
Megan A. Beauchaine, Secretary	Planner, Southeastern Wisconsin Regional Planning Commission
Tom Czaja	Member, OZARES-Ozaukee County Amateur Radio Emergency Service
Skip Douglas	Member, OZARES-Ozaukee County Amateur Radio Emergency Service
Daniel Gellert	Deputy Director, Ozaukee County Division of Emergency Management
Andy Holschbach	Land and Water Management Director, Ozaukee County
Laura Herrick	Chief Environmental Engineer, Southeastern Wisconsin Regional Planning Commission
Andy LaFond	Director of Public Works, Village of Thiensville
Aaron Owens	Planner, Southeastern Wisconsin Regional Planning Commission
Christina Richards	Land Information (GIS) Coordinator, Ozaukee County
Patty Ruth	Emergency Preparedness Coordinator, Washington Ozaukee Public Health Department
Roger Strohm	Director of Public Works, Village of Fredonia
Sarah Viera	Executive Director of Business Services, Mequon Thiensville School District
Dawn Wagner	Administrator, Village of Saukville

Mr. Ziegler welcomed the attendees and introduced Megan Beauchaine, Planner, of the Southeastern Wisconsin Regional Planning Commission (SEWRPC). Ms. Beauchaine thanked the attendees for their participation and asked attendees to introduce themselves and state their affiliations. She briefly reviewed the meeting's agenda and the summary notes of the February 13, 2018, Local Planning Team meeting. Ms. Beauchaine noted that the slides from the presentations and the handouts from the February 13, 2018, meeting were attached to the summary notes. Ms. Ruth noted that her affiliation in the summary notes was incorrect and should be listed as the Washington Ozaukee Public Health Department.

[Secretary's Note: Ms. Ruth's affiliation was corrected to Emergency Preparedness Coordinator, Washington Ozaukee Public Health Department in the summary notes of the February 13, 2018, Local Planning Team meeting.]

CONSIDERATION OF DRAFT CHAPTER 1, “INTRODUCTION AND BACKGROUND”

Ms. Beauchaine noted that the meeting handout included the draft chapter text, followed by tables, one figure, and maps. She indicated that images of the maps from Chapters 1 and 2 would be displayed on the projection screen as they come up in the review of the chapters. Ms. Beauchaine also encouraged the Local Planning Team (LPT) members to stop her at any time during the review process for questions or comments.

Ms. Beauchaine reviewed preliminary draft Chapter 1 of the Report. She stated that Table 1.1 documents how each jurisdiction within the County has, or will have, participated in the development of the plan update. She also noted that this table will be completed at the end of the planning process after all meetings and participation have been documented. Ms. Ruth indicated that the Ozaukee Washington Public Health Department should be listed under “Other” in Table 1.1. No further questions or comments were given by the LPT for section 1.1, and none were provided for sections 1.2 through 1.4.

[Secretary’s Note: Table 1.1 has been updated to include the Ozaukee Washington Public Health Department under the category of “Other”.]

While reviewing Table 1.2 under section 1.5, “Plan Maintenance and Implementation Activities,” Ms. Ruth noted that the MyStateUSA-Alert Sense emergency notification system for Ozaukee County should be changed to a generic name, such as “Public Alert Notification Systems”. Mr. Ziegler agreed, indicating that the County no longer uses that particular service provider and that providers tend to change often. Mr. Ziegler also noted that the County uses Facebook and Twitter for outreach activities that can relate to hazard mitigation preparedness and those references should be added to Table 1.2.

In further review of Table 1.2, Mr. Holschbach indicated that the Land and Water Management Department for Ozaukee County has a flood protection link that provides river gauge levels and that should be added to the table as public outreach and education. Ms. Richardson also noted that Ozaukee County’s Land Information Department’s webpage contains geographic information system (GIS) mapping and could serve as another potential resource for outreach and education due to the mapped floodplains and flood hazard areas accessible for public viewing. Ms. Beauchaine replied that this information would be added to Table 1.2 for Ozaukee County outreach activities.

[Secretary’s Note: Table 1.2 was revised to reflect the comments made above.]

In reference to plan implementation activities under section 1.5, Mr. Strohm commented that the two properties listed as flood control buyout projects listed in Table 1.3, under the Town of Grafton were carried out as a partnership between the Town and Ozaukee County. He suggested that the project be listed under Ozaukee County because they now own the land.

[Secretary’s Note: The two flood control buyout projects that occurred in Town of Grafton have been listed under Ozaukee County in Table 1.3.]

Ms. Beauchaine asked the Local Planning Team to provide her with any other hazard mitigation projects that had been implemented since the last hazard mitigation plan update that were not included in Table 1.3.

Ms. Beauchaine discussed the planning and adoption processes of the previous two Ozaukee County hazard mitigation plans. Mr. Ziegler added that upon the completion of the plan update, the County will first adopt the plan and will then ask the cities, villages, and towns to individually adopt the plan. Mr. Ziegler stated that all but one township adopted the last edition of the County’s hazard mitigation plan.

There were no further questions or comments regarding Chapter 1 “Introduction and Background.”

REVIEW AND CONSIDERATION OF DRAFT CHAPTER 2, “BASIC STUDY AREA INVENTORY AND ANALYSIS”

Ms. Beauchaine reviewed preliminary draft Chapter 2 of the Report, describing the characteristics of the study area. Ms. Beauchaine explained that the description of the study area (Ozaukee County) and an inventory of the major features within the County provide the basis for sound hazard mitigation planning. There were no questions or comments from the LPT regarding the “Introduction,” “Civil Divisions,” and “Demographic and Economic Characteristics” sections of draft Chapter 2.

Regarding discussion of existing land uses within the County on page 3, Mr. Strohm indicated that the Village of Saukville should be listed as a community experiencing intensive urban development. Ms. Beauchaine stated that she will add the Village of Saukville to the existing list of communities. Mr. Strohm asked if the GIS files related to parcel land use would be available for review by the communities. Mr. Owens replied that GIS data is available from SEWRPC upon request and added that the data has likely been provided to the County as well. Ms. Ruth asked if the data related to critical community facilities in Appendix C and D would also be available through the County. Mr. Ziegler confirmed that similar data is available and added that the County provides much useful information on the County’s land management website.

[Secretary’s Note: Saukville was added to the list of communities experiencing urban development in the third sentence under the subsection “Existing Land Uses” on page 3.]

Regarding discussion related to floodplains on page 8, Ms. Herrick explained that the term “one-percent-annual-probability-floodplain” is the same as the “100-year floodplain.” She explained that the one-percent-annual-probability-floodplains are those areas that have been determined to have a one percent chance of flooding in any given year. Ms. Beauchaine explained the floodplains were identified by Ozaukee County, SEWRPC, the Wisconsin Department of Natural Resources (WDNR), and FEMA. Ms. Beauchaine described the extent of the County and each of its communities that are located in the one-percent-annual-probability flood hazard area.

Ms. Beauchaine reviewed Table 2.11 and Map 2.8 regarding dams located within the County. She explained the importance of the hazard rating reported in Table 2.11 and its relation to hazard mitigation planning. She indicated the WDNR maintains a dam inventory database. Mr. Ziegler noted one dam in Port Washington may have been removed and indicated that he will check the status of that dam and provide necessary changes to Ms. Beauchaine. Mr. Ziegler added that the WDNR had inspected the one high hazard dam in the County (listed as dam number 22 in Table 2.11) that morning at the request of the dam’s owner and found the dam to be in good order.

Ms. Beauchaine reviewed the section related to Lake Michigan coastal bluff erosion, noting several coastal studies and projects that have been completed, or are still ongoing, within Ozaukee County. Regarding the Southeast Wisconsin Coastal Resilience Project, discussed on page 14 of Chapter 2, Mr. Owens explained that, as a part of the project, grant money was being offered by NOAA to coastal communities for non-construction related projects that enhance coastal resilience. Mr. Owens indicated that if there were any questions regarding the grant applications, he could discuss that after the meeting. He added that he had copies of the request for proposal and grant application forms for anyone that was interested.

Regarding the Great Lakes Coastal Flood Study, Ms. Herrick stated that new coastal digital flood elevation maps (DFIRMs) for the Ozaukee County area are expected to be released by FEMA in late 2019 or 2020. Mr. Ziegler added that there is only a very small coastal flooding area within Ozaukee County due to the bluffs along Lake Michigan.

Mr. Holschbach mentioned that Ozaukee County participates in the Community Rating System (CRS) program offered through FEMA. He asked if their CRS participation should be discussed in Chapter 2. Mr. Owens noted that the County's participation in the program will be detailed in a later chapter. Mr. Owens noted that FEMA required discussion of participation in the CRS program for approval of the hazard mitigation plan.

Ms. Beauchaine briefly discussed the transportation systems within the County, which included railways, airports, arterial streets and highways, and public transit. There were no comments from the LPT on this section.

Ms. Beauchaine reviewed the section of Chapter 2 regarding utility systems in the County. Regarding discussion of public water utilities, Mr. LaFond indicated the City of Mequon and Village of Thiensville purchased and now operate the former We Energies water utility.

[Secretary's Note: Ms. Beauchaine revised the text on page 19 and in Table 2.14 to reflect that the Mequon Water Utility now owns and operates the former We Energies water utility.]

Ms. Beauchaine reviewed the section of the Chapter related to solid waste disposal. She requested that the LPT carefully review the text within that section. Mr. Ziegler remarked it is hard to keep track of solid waste disposal providers within the County because communities change providers frequently. Mr. Holschbach added that agricultural disposal is offered by the County once per year for agricultural hazardous waste and suggested that be added to the section.

[Secretary's Note: Ms. Beauchaine revised the text on page 21 within the solid waste disposal section to indicate that Ozaukee County provides proper disposal of agricultural hazardous waste once per year.]

Ms. Beauchaine reviewed the sections of Chapter 2 related to fire protection, emergency medical services, and law enforcement services in Ozaukee County. Ms. Ruth and Mr. Ziegler indicated that Table 2.17 needed some updates. Ms. Beauchaine collected the LPT comments related to staffing and stated that the changes would be made to the Table.

[Secretary's Note: Ms. Beauchaine updated the text within Table 2.17 to reflect several Team members' comments regarding the working status of fire departments and law enforcement departments serving Ozaukee County.]

In reference to emergency service dispatch locations, Mr. Czaja asked Mr. Ziegler if the Village of Grafton had switched their dispatch services to the County Sheriff's Office as planned. Mr. Ziegler responded that the County staff was currently in the process of switching the services to the Sheriff's Office. Mr. Ziegler added that Map 2.23 and the Appendix C-4 table indicate that these changes are occurring. Mr. Ziegler further explained that the Village of Grafton's Fire and EMS dispatch service has already been transferred

to the Ozaukee County Sheriff's Office, while the Grafton Police Department dispatch is planned to be transferred by December 2018.

Regarding dispatch centers, Mr. Czaja stated there have been several 9-1-1 outages in northern Wisconsin counties within the past few months. He indicated most outages were caused by utility contractors unknowingly digging up 9-1-1 underground telecommunication lines. He suggested separate and redundant 9-1-1 lines be installed to prevent an outage from occurring within Ozaukee County. Ms. Beauchaine responded that redundant and separate 9-1-1 dispatch lines could be added as a mitigation strategy in a later chapter of the Report.

Furthermore, Mr. Czaja questioned whether cyber security should be added as a potential hazard mitigation effort to be presented in the plan update. He stated cyber-attacks have happened in other communities at 9-1-1 dispatch locations as well as on emergency radio systems. Ms. Herrick acknowledged Mr. Czaja's concern, however she stated that FEMA intended for these hazard mitigation plans to be focused on natural hazard events. Ms. Herrick and Mr. Owens noted that cyber security and 9-1-1 outages could be discussed in the plan as they relate to mitigating damages from other hazards, but suggested that cyber security not be included as a separate hazard to be addressed in this planning effort. Mr. Ziegler agreed, adding that cyber security is better addressed in the Continuity of Operations Plan.

Ms. Ruth suggested that the plan address climate change and its effects on human health and its potential relationship to hazard mitigation planning. She said climate change has an effect on human health and due to this, an increase in medical services (also known as a medical surge) may be needed to help prevent medical issues among citizens, such as heat strokes that may adversely impact the elderly. Ms. Beauchaine and Mr. Owens responded that climate change and its effects on the environment and human health will be discussed later in the plan. Mr. Owens added that the vulnerability assessment that will be developed for each hazard in the next Chapter that will include discussion of potential how climate change might affect each vulnerability.

During discussion of critical community facilities, specifically hospitals and special medical centers on Map 2.26, Mr. Ziegler suggested that reference number 12 showing the Aurora Medical Center in Grafton should be changed to a hospital rather than a special medical center. Mr. LaFond noted that Appendix D-3 should include Ascension Columbia St. Mary's Ozaukee at Grafton Urgent Care Center, Froedtert Mequon Health Center, and Mequon Clinic-Children's Hospital of Wisconsin.

[Secretary's Note: Map 2.26 and Appendix D-3 were updated to reflect the changes discussed above. Reference numbers on Map 2.26 and Appendix D-3 were also updated to provide proper sequential order.]

In further discussion of critical community facilities, Mr. LaFond noted that in Appendix D-2 (listing schools within the County) Lumen Christi Catholic School should be removed as it no longer exists. Ms. Viera also specified that school reference numbers 11, 14, and 17 should be listed as grades 4K-5 rather than grades K-5. Ms. Viera also stated that Range Line Early Childhood Education should be changed to Range Line School. Mr. Ziegler added that Port Washington's alternative high school and middle school should also be added to Appendix D-2 table. Ms. Beauchaine thanked the Local Planning Team for their input and said that the updates will be made to both Appendix D-2 and Map 2.25.

[Secretary's Note: Map 2.25 and Appendix D-2 were updated to reflect the changes discussed above. Reference numbers on Map 2.25 and Appendix D-2 were also updated to provide proper sequential order.]

In reference to Table 2.18 which lists off-site planning facilities with extremely hazardous substances, Ms. Wagner stated that Saukville Well No.6 of Saukville should be added. Ms. Richards asked if a map should be included to show the listed locations in Tables 2.18 and 2.19. Mr. Ziegler responded that these lists of facilities are dynamic and change often and therefore did not think a map was necessary for this plan.

[Secretary's Note: Table 2.18 was updated to include Saukville Well No.6 of Saukville.]

Ms. Beauchaine explained that a requirement of an approved FEMA hazard mitigation plan is that there is discussion of the location of, and potential impacts of hazards to, historical sites and districts. She noted that National and State Historic Sites in the County are shown on Map 2.29 and listed in Appendix E. Mr. Ziegler indicated Port Washington's lighthouse is in the process of being listed as a historic site on the National Register of Historic Places. Ms. Beauchaine noted that if this site becomes listed by the National Register, it will be added to both the map and the table in Appendix E.

In reference to regulations and programs related to hazard mitigation, Mr. Holschbach indicated the Shoreland and Shoreland-Wetland Zoning section should refer to the County Administrator as the County Zoning Administrator.

[Secretary's Note: The last sentence in the second full paragraph on page 29 was revised to reflect the comment above.]

Mr. Beauchaine asked the Local Planning Team if there were any additional comments or edits to Chapter 2. None were offered. Ms. Beauchaine reminded the LPT members that they could submit additional comments to her via the project website or electronic mail.

REVIEW OF RESULTS FROM HAZARD AND VULNERABILITY EXERCISE

Ms. Beauchaine noted that FEMA requires the plan to address natural hazards. She stated that under FEMA regulations for hazard mitigation planning, human-induced or technological hazards are not required to be addressed. Ms. Beauchaine then reviewed the results of the hazard and vulnerability assessment tool (HVA) which the Local Planning Team completed at its February 13, 2018, meeting and briefly explained how the data were analyzed. She noted the six highest-ranked hazards identified by the tool along with other notable hazards ranked highly by the Local Planning Team. She said that further discussion of the HVA tool results will be included in Chapter 3 of the Report.

DISCUSSION OF HAZARDS TO BE ADDRESSED BY THE OZAUKEE COUNTY HAZARD MITIGATION PLAN UPDATE

Ms. Beauchaine explained that as part of the updating process for the hazard mitigation plan, the Local Planning Team needs to review the set of hazards that the current plan addresses and determine whether the list of hazards is still appropriate to profile for this plan update. Ms. Beauchaine noted that the HVA tool is one factor to consider in addition to the County's historical experience with hazards. To examine the County's past hazard experience, Ms. Beauchaine explained that past natural hazard events were inventoried using the National Climatic Data Center's (NCDC) Storm Events Database. Using that database data were compiled showing the number of events that have occurred for a particular hazard, the number of injuries and deaths that were caused by those events, and the reported property and crop damages. She noted that the USDA Risk Management Agency Database is an additional tool that reports the amount of crop insurance indemnities that have been paid out due to certain hazard events. Ms. Beauchaine explained that the results from the USDA Risk Management Agency inventory would not be presented during this

meeting because that data is still being analyzed. She indicated the USDA data will be incorporated into the text of the next chapter of the plan along with the HVA tool and the NCDC database results.

Ms. Beauchaine presented property and crop damage estimates from the NCDC database of natural hazard events within Ozaukee County to the Local Planning Team, noting that all reported damage amounts were converted into 2017 dollars. She highlighted the natural hazard events that resulted in the highest property and crop damage in the County included flooding, tornadoes, and hail. Ms. Richards commented that the 1964 tornado that caused extreme damage in Ozaukee County is presented on the County's Land Information website as a story map.

Ms. Beauchaine explained that the property and crop damages presented in the NCDC database are likely underestimates due to the fact that many damages go unreported. Next, Ms. Beauchaine presented the NCDC results compiled on an annual basis. She presented the top three events that resulted in the greatest property and crop damage, which again included flooding, tornadoes, and hail.

After reviewing the NCDC database results for Ozaukee County Ms. Beauchaine presented the hazards that are profiled in the current Ozaukee County hazard mitigation plan. She proposed that the plan update address the same set of hazards with the exception of earthquakes and forest fires, which she proposed removing from the plan update. Ms. Beauchaine noted that while earthquakes can occur within the County, the magnitude of earthquake that the County could expect would be slight and the likelihood of property damage or injuries would be very small. Similarly she said that while small brush fires can occur in the County, there are no past experiences of large forest fires occurring in the County and no damages have been reported. She added that the amount of concentrated forest habitat in the County that would be conducive to forest fires is lacking. The Local Planning Team was in agreement in removing earthquakes and forest fires from the plan update. Ms. Beauchaine asked the Local Planning Team if there were other hazards they would like to consider or if there were hazards that could be removed from the plan for this update and none were offered.

NEXT MEETING OF THE LOCAL PLANNING TEAM

Ms. Beauchaine reminded the Team that they can submit any additional questions or comments that they may have regarding Chapters 1 and 2 to her either through the project website or email. She indicated that at the next Local Planning Team meeting the chapters on analysis of hazard conditions and hazard mitigation goals will be reviewed. She added that the updated Chapters and other meeting materials would be posted on the project website.

ADJOURNMENT

There being no further business, Mr. Ziegler thanked everyone for attending and the meeting was adjourned at 3:30 p.m.

MGH/LKH/AWO/MAB

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09/05/2018, 9/21/2018, 9/26/2018, 9/27/2018

Exhibit C

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