

**SUMMARY NOTES OF THE APRIL 27, 2017 MEETING OF THE
KENOSHA COUNTY HAZARD MITIGATION PLAN LOCAL PLANNING TEAM**

INTRODUCTION

The April 27, 2017 meeting of the Kenosha County Hazard Mitigation Plan Local Planning Team was convened at the Kenosha County Center at 9:03 a.m. The meeting was called to order by Lieutenant Horace Staples, Director of the Kenosha County 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

Lt. Horace Staples, Chair	Director, Kenosha County Division of Emergency Management
Joseph E. Boxhorn, Secretary	Senior Planner, Southeastern Wisconsin Regional Planning Commission
Andy M. Buehler	Director, Kenosha County Department of Planning and Development
Jeffrey Cross	Engineering Assistant, Southeastern Wisconsin Regional Planning Commission
Roger Field	Director of Production, Kenosha Water Utility
Christine Flahive	Captain, City of Kenosha Police Department
Laura Herrick	Chief Environmental Engineer, Southeastern Wisconsin Regional Planning Commission
Peter Jung	Lieutenant, Village of Pleasant Prairie Police Department
John Klabecek	Director of Security, Carthage College
Doug McElmury	Chief, Village of Pleasant Prairie Fire and Rescue
Chris Parisey	Administrator, Kenosha County Housing Authority; Planner, Southeastern Wisconsin Regional Planning Commission
Steve Wlahovich	Erosion Inspector, Village of Pleasant Prairie
Tedi Winnett	Director, Kenosha County University of Wisconsin-Extension

Lt. Staples welcomed all attendees to the meeting. He informed the Local Planning Team that he was the new Director of the Kenosha County Division of Emergency Management in the wake of Lieutenant Gil Benn's retirement. He noted that the Kenosha County hazard mitigation plan is required to be updated every five years, and that this would be the second update to the original plan. At the request of Lt. Staples, the team members introduced themselves.

**CONSIDERATION OF THE SUMMARY NOTES OF
THE MAY 5, 2016, LOCAL PLANNING TEAM MEETING**

Lt. Staples introduced Joseph Boxhorn of the Southeastern Wisconsin Regional Planning Commission (SEWRPC) staff. At Lt. Staples's request, Mr. Boxhorn reviewed the summary notes from the May 5, 2016, meeting of the Local Planning Team. No questions or comments were offered on the summary notes. On a motion by Mr. Buehler that was seconded by Mr. Field, the May 5, 2016, summary notes were approved.

**CONSIDERATION OF CHAPTER V, "HAZARD MITIGATION STRATEGIES,"
OF SEWRPC COMMUNITY ASSISTANCE PLANNING REPORT NO. 278 (3RD
EDITION), *KENOSHA COUNTY HAZARD MITIGATION PLAN UPDATE: 2017-2021***

At Lt. Staples's request, Mr. Boxhorn reviewed the preliminary draft of Chapter V of the plan report. Mr. Boxhorn stated that material in the draft chapters that is either new or revised has been highlighted blue in the text. He noted that this was done to assist people reviewing the chapter. He also noted that Map and Table numbers in the text

were highlighted yellow for editing purposes only. He indicated that the highlighting would be removed prior to publication of the final report.

Mr. Boxhorn stated that Chapter V does three things: 1) it presents and evaluates alternative approaches to mitigating each hazard, 2) it identifies and recommends priority mitigation measures for each hazard, and 3) it looks at costs and benefits and prioritizes hazards. He noted that the flooding section of Chapter V is organized by plan element and watershed. He explained that the sections on other hazards follow a standard format: 1) identification of alternative mitigation strategies, 2) review of current programs—Federal, State, and local, 3) evaluation of alternatives and identification of mitigation actions, 4) discussion of any multijurisdictional considerations, and 5) recommendation of priority mitigation measures.

Mr. Boxhorn noted that he would display copies of the maps from Chapter V on the projection screen in the meeting room during discussion of the chapter.

[Secretary's Note: Mr. Boxhorn's presentation is attached herein as Exhibit A.]

Mr. Boxhorn reviewed the section of the draft chapter on flooding and related stormwater drainage problems. He noted that changes had occurred in state law relative to shoreland zoning. He also noted that numbers and data related to environmentally sensitive areas and park and open space sites in Kenosha County had been updated since the first plan update. He stated that elements of the County park and open space plan that are incorporated into the hazard mitigation plan are shown on Maps V-1 and V-2 in the report. He stated that ownership of large park and open space sites is shown on Map V-3 in the report. He also noted that local plans relevant to these recommendations are listed in Appendix E of the plan.

Mr. Boxhorn reviewed the section of the draft chapter on floodplain management element. He stated that this section is organized by watershed, and that mitigation measures pertaining to each watershed are shown on Maps V-4 and V-5 in the report. He added that the Kenosha County Board's action for budgeting for acquiring properties in the floodplain is noted in the introduction of this section.

Mr. Boxhorn reviewed the subsection on floodplain management in the Fox River watershed. Mr. Parisey stated that 103 properties were acquired in the Fox River watershed project area since the first plan update, and that there are now 70 properties remaining in the project area. Mr. Buehler noted that since the fall of 2016 two additional properties were acquired in the Fox River watershed using County funds. He added that he would provide the information. Mr. Boxhorn replied that this information will be added to the plan.

[Secretary's Note: Following the April 27, 2017 meeting of the Local Planning Team, Mr. Buehler provided SEWRPC staff, via electronic mail, a list detailing the funds used to purchase residences and lots in the Fox River floodplain from years 2014 through 2016. A copy of Mr. Buehler's email is included hereto as Exhibit B. SEWRPC staff discussed this matter further with staff from the Kenosha County Housing Authority. Based upon these discussions, the third and fourth sentences in the first paragraph on page 6 were revised to read as follows (text in bold is included here to indicate language changed or added onto the text. Text will not be bold in the report):

“In total, the owners of **106** homes have participated in this program since its inception. An additional **70** homes are eligible for participation.”]

Mr. Parisey stated that John Meland of the SEWRPC staff has submitted an application on behalf of the Kenosha County Housing Authority for \$400,000 from the Hazard Mitigation Grant Program to fund four property acquisitions in the Fox River Flood Mitigation project area.

Mr. Boxhorn reviewed the subsection on floodplain management in the Root River watershed. No questions or comments were offered on this section.

Mr. Boxhorn reviewed the subsection on floodplain management in the Pike River watershed. No questions or comments were offered on this section.

Mr. Boxhorn reviewed the subsection on floodplain management in the Des Plaines River watershed. No questions or comments were offered on this section.

Mr. Boxhorn reviewed the subsection on floodplain management in the Lake Michigan direct drainage area. No questions or comments were offered on this section.

Mr. Boxhorn reviewed the section on stormwater management elements. No questions or comments were offered on this section.

Mr. Boxhorn reviewed the section on the public information and education element. Ms. Winnett stated that the University of Wisconsin-Extension releases flood-related materials to inform the public on appropriate actions to undertake in response to flood incidents. She added that these materials are released every time a flood occurs. Mr. Boxhorn replied that a reference to these flood related materials will be added to the report.

[Secretary's Note: The following sentence was added after the third sentence in the first full paragraph on page 21 of Chapter V:

“In addition, when flooding occurs the University of Wisconsin-Extension distributes materials to the public on appropriate actions in response to flooding incidents.”]

Mr. Boxhorn reviewed the section on the secondary plan element. He stated that this section includes a number of recommendations that do not fit in the earlier categories of the chapter. No questions or comments were offered on this section.

Mr. Boxhorn reviewed the section on the National Flood Insurance Program (NFIP) and floodplain map updating efforts. He stated that this section was updated to reflect the changes in NFIP participation since the first plan update. He noted that a paragraph had been added to this section to reflect that the additional examination of floodplains in the Fox River watershed has begun through the Federal Emergency Management Agency's (FEMA) Risk Mapping, Assessment, and Planning (Risk MAP) Program. He also noted that a paragraph had been added to this section to reflect Kenosha County's participation in the Community Rating System (CRS) Program. Mr. Buehler stated that the Village of Somers has applied to participate in the NFIP, but he is unsure of the status of their application. He added that the Village of Salem Lakes has not yet submitted an application to participate in the NFIP. He noted that Kenosha County was reapproved to participate in the CRS program in the spring of 2016, and that CRS approval must be updated every five years.

[Secretary's Note: Following the April 27, 2017 meeting of the Local Planning Team, Mr. Buehler provided SEWRPC staff with a letter confirming the renewal of Kenosha County's rating in the CRS program. A copy of Mr. Buehler's email is included herein as Exhibit B.]

Mr. Boxhorn reviewed the section on thunderstorms, high winds, hail, and lightning. He stated that this section was reorganized, and that previous editions discussed thunderstorms, hail, and lightning separately. He noted that the reorganization of this section consolidates all of the discussion. He also noted that some of the highlighted text in this section indicates text that had been moved from the old hail or lightning subsections.

Mr. Boxhorn stated that in response to a request made by Lt. Benn, he placed a greater emphasis on recommending installation of community safe rooms for mobile home parks. He noted that Kenosha County has several mobile home parks, and that Lt. Benn was concerned about the availability of shelter at some of these parks. Mr. Boxhorn stated that he also developed a prioritization of mobile home parks for the installation of shelters. He noted that this effort was documented in Appendix N of the report. He added that greater emphasis was also placed on recommending the installation of safe rooms at mobile home parks in the section of the plan addressing tornadoes.

Mr. Boxhorn stated that he added a recommendation to the thunderstorm section that farmers be encouraged to purchase crop insurance. No questions or comments were offered on this section.

Mr. Boxhorn reviewed the section on tornadoes. He stated that the main change to this section was that greater emphasis was placed on the installation of community safe rooms in mobile home parks. No questions or comments were offered on this section.

Mr. Boxhorn reviewed the section on extreme temperatures. No questions or comments were offered on this section.

Mr. Boxhorn reviewed the section on Lake Michigan Coastal Hazards. He stated that information was added to this section to recognize that the Wisconsin Department of Natural Resources (WDNR) may allow landowners to place temporary measures to address erosion that threatens structures on their properties. Mr. Buehler stated that he was unsure of the status of the new FEMA study on shoreline wave run-up. Ms. Herrick replied that the study will have new draft maps this summer.

[Secretary's Note: FEMA is conducting a coastal analysis and mapping study to produce updated digital flood insurance rate maps (DFIRMs) for coastal counties around the Great Lakes. This study will update the coastal storm surge elevations for the shorelines. The resulting DFIRMS may have V zones in those shoreline areas that do not have bluffs, which is a new designation for Wisconsin. Per an electronic mail message from Christopher Olds of the WDNR, it is anticipated that draft maps will be submitted to FEMA in early June 2017 and that a State briefing with FEMA concerning the maps will be conducted about two weeks after the submission. It is also anticipated that a flood risk review meeting will be conducted with the impacted communities during late July 2017 and that comments will be accepted after this meeting. It is anticipated that FEMA will provide responses to comments and any necessary edits to the maps about five weeks after this meeting. A copy of the electronic mail message from Mr. Olds is included herein in Exhibit C. The following paragraph was added after the first paragraph on page 47:

“FEMA is conducting a coastal analysis and mapping study to produce updated DFIRMs for coastal counties around the Great Lakes. This study will update the coastal storm surge elevations for the shorelines. The resulting DFIRMS may have V zones in those shoreline areas that do not have bluffs. It is anticipated that draft maps will be submitted to FEMA in early June 2017 and that a State briefing with FEMA concerning the maps will be conducted about two weeks after the submission. It is also anticipated that a flood risk review meeting will be conducted during late July 2017 and that community comments will be accepted after this meeting.”]

Mr. Boxhorn reviewed the section on winter storms. No questions or comments were offered on this section.

Mr. Boxhorn reviewed the section on drought. He stated that several alternatives which were added to this section were carried over into priority mitigation measures. He noted that these alternatives include drought emergency plans, local water conservation programs, and allowing and encouraging drought-resistant landscaping. No questions or comments were offered on this section.

Mr. Boxhorn reviewed the section on fog. No questions or comments were offered on this section.

Mr. Boxhorn reviewed the section on fires. Mr. McElmury stated that the Town of Salem Fire/Rescue's name will be changed to Salem Lakes Fire/Rescue. Mr. Buehler asked whether the maps in this section were updated to remove the Village of Silver Lake. Mr. Boxhorn replied that because the merger of the Village Silver Lake and the Town of Salem occurred so late in the planning process, footnotes will be added to the maps and tables to indicate that the merger has occurred.

Mr. Boxhorn reviewed the section on transportation accidents. He stated that a number of alternatives were added to this section, which came from SEWRPC's Vision 2050 regional land use and transportation plan. He noted that some of the alternatives were carried into priority mitigation measures. He stated that several other recommendations from Vision 2050 were also added to this section. No questions or comments were offered on this section.

Mr. Boxhorn reviewed the section on contamination and loss of water supply. He stated that several alternatives intended to address problems with lead service lines and plumbing fixtures were added to this section. He added these were carried over into recommended mitigation measures. Mr. Buehler asked whether the City of Kenosha Water Utility was taking action to address the contamination of the water supply caused by lead water service lines and lead plumbing fixtures. Mr. Field replied that most water service lines have a section that is owned by the water utility and a section that is owned by the customer. He explained that current regulations do not allow water utilities to use ratepayer funds to replace the privately-owned portions of the water services. He indicated that the Wisconsin Senate was considering a bill that would allow utilities to use ratepayer funds to address this. Mr. Field noted that the City of Kenosha Water Utility has also increased the amount of testing of drinking water for lead in schools and child care centers.

Mr. Boxhorn reviewed the section on hazardous materials incidents. He stated that several alternatives were added to this section that came out of the commodity flow study and the County railway emergency response plan that Lt. Benn sent him. He stated that other recommendations were also added to this section. No questions or comments were offered on this section.

Mr. Boxhorn reviewed the section on terrorism. No questions or comments were offered on this section.

Mr. Boxhorn reviewed the section on power outages. He stated that alternatives were added to this section, as well as an outreach recommendation that came out of a Wisconsin Emergency Management (WEM) table top exercise. No questions or comments were offered on this section.

Mr. Boxhorn reviewed the summary section of the draft chapter. He stated that a ranking of hazards in priority was shown in Appendix H. He added that a cost-benefit analysis for the measures included in the Kenosha County Hazard Mitigation Plan was shown in Table V-8 of the report.

Mr. McElmury stated that there was no mention of the Type 4 Hazardous Materials Team of Kenosha County in the hazardous materials incidents section of the draft chapter. He noted that this team responds to ninety percent of the hazardous materials incidents that occur in the County. He added that the members of the team are trained and equipped at the technician level. Mr. Boxhorn replied that information on the team will be added to the chapter.

[Secretary's Note: The following sentence was added to the last paragraph of page 82:

“In addition, there are county-based Type IV teams consisting of personnel drawn from local fire departments.”

The following sentences were added to the end of the second paragraph on page 83:

“Kenosha County's Type IV hazardous materials response team has active members drawn from four fire departments in the County. All of the members of this team are trained to Technician level. This team addresses about 90 percent of the hazardous material incidents that occur in the County.”]

There being no further discussion, Mr. Buehler moved that the Local Planning Team approve the preliminary draft of Chapter V of the plan report as revised based upon the discussion. The motion was seconded by Mr. McElmury. The Local Planning Team voted to approve the draft chapter.

CONSIDERATION OF CHAPTER VI, “PLAN ADOPTION, IMPLEMENTATION, MAINTENANCE, AND REVISION” OF SEWRPC COMMUNITY ASSISTANCE PLANNING REPORT NO. 278 (3RD EDITION), KENOSHA COUNTY HAZARD MITIGATION PLAN UPDATE: 2017-2021

At Lt. Staples’s request, Mr. Boxhorn reviewed the preliminary draft of Chapter VI of the plan report. Mr. Boxhorn stated that this chapter discusses plan adoption, refinement, and review, and presents plan implementation strategies. He noted that this chapter includes an updated inventory of potential funding sources for implementation. He stated that potential funding sources are listed by hazard in Table VI-1, and that they are also listed in Appendix J. He noted that contact information for funding programs was shown in Appendix K.

Mr. Buehler asked whether funding was available for community safe rooms to be installed in mobile home parks. Mr. Boxhorn replied that the installation of such safe rooms is currently a priority for the Wisconsin Division of Emergency Management (WEM). He noted that WEM has funded several safe rooms at other locations in the State and that the State Hazard Mitigation Officer has indicated that WEM will support applications for funding installation through the Hazard Mitigation Grant Program and the Pre-Disaster Mitigation Programs. Lt. Staples stated that Wheatland Estates Mobile Home Park has expressed interest in installing a community safe room. Mr. Parisey added that the Wisconsin Housing Alliance may have programs that could provide funds for installing safe rooms in mobile home parks.

Mr. Boxhorn stated that during review of the last edition of the plan, FEMA requested that implementation responsibilities be assigned to specific departments and agencies. He noted that these assignments are shown in Table VI-2. Mr. Boxhorn asked that Local Planning Team members inform him if there are more appropriate departments in their municipalities to carry out specific recommendations than the ones that were assigned.

There being no further discussion, Mr. Buehler made a motion to approve the preliminary draft of Chapter VI of the plan report. The motion was seconded by Ms. Winnett and approved by the Local Planning Team.

DISCUSSION OF MAY 2, 2017 PUBLIC MEETING

Mr. Boxhorn stated that the Kenosha County Division of Emergency Management and SEWRPC would be holding a public meeting on the update of the hazard mitigation plan at 6:00 p.m. on May 2, 2017, at the Kenosha County Center in Bristol. He indicated that the purpose of this meeting is to familiarize interested members of the public with the updating efforts and to answer questions and receive comments about the plan. He noted that members of the Local Planning team are welcome to attend this meeting, but their attendance is not required. He added that FEMA requires that at least two public meetings be held during the planning process to give the public an opportunity to comment on the plan during the drafting process.

REVIEW OF PLAN APPROVAL AND ADOPTION PROCESS

Mr. Boxhorn stated that the plan update will be revised following the public meeting based on comments from the Local Planning Team and the public. He noted that the updated plan would then be sent to WEM for review. He added that SEWRPC would make any revisions requested by WEM, and the plan update would then be submitted to FEMA for review. He noted that following completion of any requested revisions, FEMA will indicate that the plan is approvable upon adoption. He explained that at this point, the Kenosha County Board must formally adopt the plan. He noted that, following adoption by the County Board, the incorporated municipalities in the County will need to formally adopt the plan. He explained that communities will not be eligible for funding through the Hazard Mitigation Grant Program (HGMP), the Pre-Disaster Mitigation Grant Program (PDM), or the Flood Mitigation Assistance (FMA) Program unless they adopt the plan. He indicated that adoption by the County covers the unincorporated towns.

ADJOURNMENT

There being no further business, the meeting was adjourned by unanimous consent at 10:20 a.m.

CAPR-278-3 SUMMARY NOTES KENOSHA CTY HMP LPT MTG APRIL 27 2017 (00237196).DOCX

500-1112

MGH/LKH/JEB/JAC

05/04/17, 05/05/17, 05/05/17, 05/23/17

Exhibit A: Boxhorn Presentation (#237045)

Exhibit B: Email from Andy Buehler to Joe Boxhorn (#237276, include attached pdf file)

Exhibit C: Email from Christopher Olds to Laura Herrick (#237275)

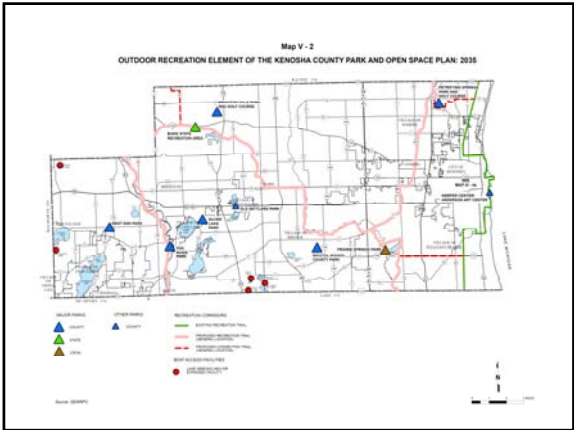
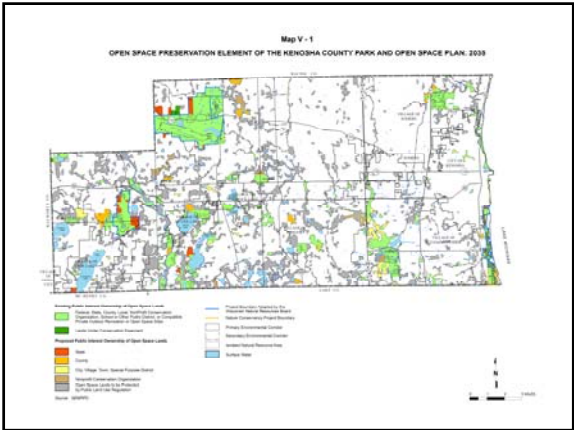


Chapter V Overview

- Presents and evaluates alternative approaches to mitigating each hazard
- Identifies and recommends priority mitigation measures for each hazard
- Flooding section is organized by plan element and watershed
- Sections for other hazards 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



Public Meeting on Hazard Mitigation Plan

- May 2, 2017
 - 6:00 pm
 - Kenosha County Center
- Review the plan update
- Seek public input
 - Answer questions
 - Mitigation measures and projects
 - Comments on draft plan

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 Kenosha 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 of the plan report
 - Comment screen
 - Other ways to send a comment
- Email to jboxhorn@sewrpc.org

From: Andy Buehler <Andy.Buehler@kenoshacounty.org>
Sent: Thursday, April 27, 2017 11:29 AM
To: Boxhorn, Joseph E.
Cc: Herrick, Laura K.
Subject: Kenosha County - CRS & Floodplain Purchases
Attachments: 2993_001.pdf

Joe,

Attached is the CRS renewal confirmation.

Below is the funds used to purchase residences and lots in the Fox River Floodplain.

(In 2014 \$20,000 was used for John Meland to purchase a home that he was short FEMA money; Russell: 6904 317th Ave. 2 parcels, one home. February 14, 2014)

In Fox River Floodplain, with FEMA funds, 152 parcels, 100 homes.

In Fox River Floodplain, with County funds, 10 parcels, 4 homes.

- 1) Kathy Ventura: 31932 77th St. Wheatland; 2 parcels, one home. \$30,000 February 12, 2014.
- 2) Gwen Ozga and Parnell Ruiz: 7538 314th Ave. Salem; 4 parcels, one home. \$58,000 April 25, 2016.
- 3) James & Karla Shuemate: 31617 77th St. Salem; 2 parcels, one home. \$42,000 September 9, 2016.
- 4) Alan Investments: 6932 318th Ave. Salem; 2 parcels, one home. \$32,000 February 10, 2017.

Let me know if you have any questions.

Andy.

Andy M. Buehler | *Director of Planning & Development* | Kenosha County Department of Public Works and Development Services | 19600 75th Street 185-3, Bristol, WI 53104 | Ph: (262)-857-1892 | <http://www.kenoshacounty.org/index.aspx?nid=656>



INSURANCE SERVICES OFFICE, INC.

LOU ANN PATELLARO, CFM / EMAIL lpatellaro@iso.com
CELL (954) 651-5021 PH/FAX (708) 634-3040

April 8, 2016

Dan Treloar
County Conservationist
19600 - 75th Street, Suite 185-3
Bristol, Wisconsin 53104

Dear Mr. Treloar:

Enclosed are the preliminary results regarding credits for your Community Rating System (CRS) Cycle Verification. At the present time, I have verified 2,898 credit points for the Kenosha County, Wisconsin. This results in a continuation of a CRS Classification of 5 for your community.

Attached is a draft verification report and draft credit calculation worksheet AW-720, which contains an overall point summary. **Please note that the information provided is subject to acceptance by DHS/FEMA.**

Thank you for your cooperation during my visit. If you have any questions or when I can be of future assistance, please do not hesitate to contact me.

Respectfully yours,

Lou Ann Patellaro

Lou Ann Patellaro, CFM
ISO/CRS Specialist

Enclosure

cc: Jim Kreuser, Executive for Kenosha County
Michelle Staff, NFIP Coordinator State of Wisconsin
Julia McCarthy, FEMA Region V
Sherry Harper, ISO Technical Coordinator



COMMUNITY
RATING
SYSTEM

VERIFICATION
REPORT

Kenosha County, WI

Verified Class 5

NFIP Number: 550523

Cycle

Date of Verification Visit: June 15, 2015

This Verification Report is provided to explain the recommendations of Insurance Services Office, Inc. (ISO) to DHS/FEMA concerning credits under the Community Rating System (CRS) for the above named community.

A total of 2898 credit points are verified which results in a recommendation that the community remain classified as a CRS Class 5. The community has met the Class 5 prerequisite with a Building Code Effectiveness Grading Schedule (BCEGS) Classification of 5/5. The following is a summary of our findings with the total CRS credit points for each activity listed in parenthesis:

Activity 310 – Elevation Certificates: The Division of Planning Operations maintains elevation certificates for new and substantially improved buildings. Copies of elevation certificates are made available upon request. (38 points)

Activity 320 – Map Information Service: Credit is provided for furnishing inquirers with basic flood zone information from the community's latest Flood Insurance Rate Map (FIRM). Credit is also provided for the community furnishing additional FIRM information, information about problems not shown on the FIRM, historical flood information, and natural floodplain functions. The service is publicized annually and records are maintained. (90 points)

Activity 330 – Outreach Projects: Credit is provided for informational outreach projects that include FEMA brochures kept in at least 5 locations, general outreach projects that include at least 5 different press releases in newspapers, radio station announcements twice per year, a newsletter publication to Dam and Special Flood Hazard Area (SFHA) properties, and a targeted repetitive loss outreach project. These projects are disseminated annually. (170 points)

Activity 340 – Hazard Disclosure: Credit is provided for state regulations requiring disclosure of flood hazards. Real estate agents provide a brochure advising prospective buyers about insurance and checking property flood hazards. (18 points)

Activity 350 – Flood Protection Information: Documents relating to floodplain management are available in the reference section of the Salem Community Library. Credit is also provided for floodplain information displayed on the community's website. (55 points)

Activity 410 – Floodplain Mapping: Credit is provided for conducting and adopting flood studies for areas not included on the flood insurance rate maps and that exceed minimum mapping standards. Credit is also provided for a cooperating technical partnership agreement with FEMA. (65 points)

Activity 420 – Open Space Preservation: Credit is provided for preserving approximately 73 percent of the SFHA as open space, protecting open space land with deed restrictions, and preserving open space land in a natural state. (1119 points)

Activity 430 – Higher Regulatory Standards: Credit is provided for enforcing regulations that require development limitations, freeboard for new and substantial improvement construction, cumulative substantial improvement and local drainage protection. Credit is also provided for the enforcement of building codes, a Building Code Effectiveness Grading Schedule (BCEGS) Classification of 5/5 and state mandated regulatory standards. (225 points)

Activity 440 – Flood Data Maintenance: Credit is provided for maintaining and using digitized maps in the day to day management of the floodplain. Credit is also provided for maintaining copies of all previous FIRMs and Flood Insurance Study Reports. (166 points)

Activity 450 – Stormwater Management: The community enforces regulations for stormwater management, soil erosion control and water quality. (251 points)

Section 502 – Repetitive Loss Category: Based on the updates made to the NFIP Report of Repetitive Losses as of May 31, 2012, Kenosha County, Wisconsin has 18 repetitive loss properties and is a Category C community for CRS purposes. The community is required to submit either a Repetitive Loss Area Analysis or Floodplain Management Plan. (No credit points are applicable to this section)

Activity 510 – Floodplain Management Planning: Credit is provided for the adoption and implementation of the Kenosha County Hazard Mitigation Plan update adopted February 20, 2012. A progress report must be submitted on an annual basis. An update to the credited plan will be due by October 1, 2018. (185 points)

Activity 520 – Acquisition and Relocation: Credit is provided for acquiring and relocating 83 buildings from the community's regulatory floodplain. (494 points)

Activity 630 – Dams: Credit is provided for a State Dam Safety Program. (22 points)

Activity 710 – County Growth Adjustment: All credit in the 400 series is multiplied by the growth rate of the county to account for growth pressures. The growth rate for Kenosha County is 1.05.

Attached is the Community Calculations Worksheet that lists the verified credit points for the Community Rating System.

CEO Name / Address:

Jim Kreuser
Executive for Kenosha
1010 56TH Street
Kenosha, Wisconsin 53140

CRS Coordinator Name / Address:

Dan Treloar
County Conservationist
19600 - 75TH Street Suite 185-3
Kenosha, Wisconsin 53140
(262) 857-1895

Date Report Prepared: March 18, 2016

Community : Kenosha County, WI

NFIP Number : 550523

720 COMMUNITY CREDIT CALCULATIONS (Cycle):

CALCULATION SECTION :

Verified Activity Calculations:	Credit
c310 <u>38</u>	<u>38</u>
c320 <u>90</u>	<u>90</u>
c330 <u>170</u>	<u>170</u>
c340 <u>18</u>	<u>18</u>
c350 <u>55</u>	<u>55</u>
c360 _____	_____
c370 _____	_____
c410 <u>62</u> x CGA <u>1.05</u> =	<u>65</u>
c420 <u>1066</u> x CGA <u>1.05</u> =	<u>1119</u>
c430 <u>214</u> x CGA <u>1.05</u> =	<u>225</u>
c440 <u>158</u> x CGA <u>1.05</u> =	<u>166</u>
c450 <u>239</u> x CGA <u>1.05</u> =	<u>251</u>
c510 <u>185</u>	<u>185</u>
c520 <u>494</u>	<u>494</u>
c530 _____	_____
c540 _____	_____
c610 _____	_____
c620 _____	_____
c630 <u>22</u>	<u>22</u>

Community Classification Calculation:

cT = total of above	cT = <u>2898</u>
Community Classification (from Table 110-1):	Class = <u>5</u>

CEO Name/Address:

Jim Kreuser
Executive for Kenosha
1010 56TH Street
Kenosha, Wisconsin 53140

CRS Coordinator Name/Address:

Dan Treloar
County Conservationist
19600 - 75TH Street Suite 185-3
Kenosha, Wisconsin 53140
(262) 857-1895

Date Report Prepared: March 18, 2016

AW-720

From: Herrick, Laura K.
Sent: Thursday, May 04, 2017 9:08 AM
To: Boxhorn, Joseph E.; Owens, Aaron W.; Cross, Jeffrey
Cc: Beauchaine, Megan A.; Printz, Ronald J.
Subject: FW: Lake Michigan coastal floodplain draft maps

FYI – An update on the Lake Michigan coastal floodplain mapping below from the WDNR. Revised draft FEMA floodplain maps for the Lake Michigan coast should be out in July 2017, with a review and comment period to follow.

The website below has not been updated in a while due to a rework of the floodplain maps. Mapping will have V zones in non-bluff areas which will be new for our State.

<http://www.greatlakescoast.org/great-lakes-coastal-analysis-and-mapping/>

Laura

From: Olds, Christopher J - DNR [mailto:Christopher.Olds@wisconsin.gov]
Sent: Thursday, May 04, 2017 8:51 AM
To: Herrick, Laura K.
Subject: RE: Lake Michigan coastal draft maps

Laura,

The data will be uploaded to FEMA's GeoPortal in about a month, we will have a state briefing concerning the maps with FEMA 2 weeks after that and then the flood risk review meeting (workmap meetings) will be on or about the week of 7/23/17. Comments can be submitted anytime after that with FEMA providing comment responses and any necessary map edits 5 weeks after the meeting.

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CHRIS OLDS, PE

Floodplain Engineer

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From: Herrick, Laura K. [mailto:lherrick@sewrpc.org]
Sent: Thursday, April 27, 2017 3:00 PM
To: Olds, Christopher J - DNR
Subject: Lake Michigan coastal draft maps

Chris,

We had a meeting today with Kenosha County regarding their Hazard Mitigation Plan. Do you have an estimate of when the draft coastal FEMA maps will be given to the communities for review? And any info on timeline for comment period and potential panels? We will add to the plan text accordingly.

Thanks for the insights!

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