

CRS Activity 510

Progress Report

Date this Report was Prepared: **January 10, 2018**

Name of Community: **City of Bonner Springs**

Name of Plan: **“Region L Multi-Jurisdictional Hazard Mitigation Plan (2013-2018)”**

Date of Adoption of Plan: **May 12, 2014**

5 Year CRS Expiration Date: **October 1, 2019**

1. How can a copy of the original plan or area analysis report be obtained:

The “Region L Multi-Jurisdictional Hazard Mitigation Plan” can be obtained via:

The City’s Website @ <http://www.bonnerrsprings.org/864/MultiHazard-Mitigation-Plan>

2. Describe how this evaluation report was prepared and how it was submitted to the governing body, released to the media, and made available to the public:

1.4. Planning Process

44 CFR Requirement 201.6(c)(1): [The plan shall document] the planning process used to develop the plan, including how it was prepared, who was involved in the process, and how the public was involved.

In 2012, the State of Kansas, through a lot of thought and consideration, presented the various options available to the different regions on how they would like to proceed with the updating of their plans. These options consisted of: 1) do nothing and let the plans expire, 2) the county’s could update their own plans or contract out utilizing their own funds, or 3) the State of Kansas would provide funding for regional plans for those county’s that wished to participate. The counties of Region L decided cooperatively that the Kansas Division of Emergency Management would proceed with the regional plan for this area with the full

cooperation, input, and participation of the three counties that make up the region. Having made this monumental decision, the planning team was assembled using personnel from each agency that was familiar with the local hazards and capable of generating public interest in the project. AMEC was hired as the contracting firm to facilitate the kickoff meetings and perform follow-up on informational guides.

Each participating jurisdiction in the planning process and plan development was required to meet plan participation requirements defined at the beginning of the process, which included the following:

- Attend meetings (encouraged, but not required as long as all other criteria are met)
- Provide information to support the plan development by completing and returning the Data Collection Guide, pictures, etc.
- Identify Mitigation Actions for the plan
- Review and comment on plan drafts
- Inform the public, local officials, and other interested parties about the planning process and provide an opportunity for them to comment on the plan
- Formally adopt the plan

Public Involvement:

44 CFR Requirement 201.6(b): An open public involvement process is essential to the development of an effective plan. In order to develop a more comprehensive approach to reducing the effects of natural, man-made, and technological disasters, the planning process shall include: (1) An opportunity for the public to comment on the plan during the drafting stage and prior to plan approval.

Options were discussed at the initial kickoff meetings for solicitation of public input and comments on the mitigation plan. During the second planning meeting a volunteer sign-up sheet was sent around so that the plan participants could indicate their willingness to put a public notice on their organizations website. Hard copies were put in Public Libraries and Courthouses to make the draft plan readily available to all for comments and input. In addition, the State of Kansas sponsored a Facebook page dedicated to the Region L planning process with a link to survey monkey for public feedback. Copies of the survey and links can be found in appendix B of the HMP.

A second public comment period was held during July 2013. A press release was issued on Facebook and through the Counties public information channels that notified the public that the plan summary and questionnaire were available on the County's website and the State Sponsored Facebook page. The questionnaire that was made available to the public asked them to rank the hazards according to what they believed the biggest threats were, any issues they felt impacted their community that was not addressed, and if they even knew what mitigation was. They were also asked to review mitigation actions considered by the planning committee and place a check next to the ones they felt should be given the highest priority. For the first public comment period there were 85 responses.

The second public comment period opened on June 15th and lasted until August 1, 2013. There were 102 responses on surveymonkey.com, which mirrored the first public comment period. The majority of the public that responded agreed with the ranking of the hazards and felt NFIP was very important to their community. It is also interesting to note that the majority of the

public that responded did not know where their mitigation plan was located or what exactly it is. On September 24, 2013 a public meeting was held at the Emergency Operations Center in Johnson County for all the counties in Region L. This was advertised via newspaper advertisements, Facebook, and on the Emergency Management websites. While no members of the public participated, it was a chance for the Emergency Managers of the three counties, and the floodplain managers to get together and have an in-depth question and answer session of NFIP, CRS, and the plan as a whole. The meeting was productive. Following are the individuals and jurisdictions that participated.

Adoption by City of Bonner Springs

On May 12, 2014 the City of Bonner Springs Governing Body adopted Resolution 2014-06, accepting and adopting the “Region L Multi-Jurisdictional Hazard Mitigation Plan for 2013-2018”.

3. Provide a review of each recommendation or action item in the action plan or area analysis report, including a statement on how much was accomplished during the previous year:

See Attached

	is obsolete and is an unsupported system for Public Safety between BPU and the Unified Government. The radio system is scheduled for replacement in 2014, which includes Wyandotte County's critical support services.					Distribution Kansas City Board of Public Utilities	Completion Date: 2 nd Qtr, 2014
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Wyandotte County – City of Bonner Springs							
Action ID	Action/Description	Priority	Goal(s) Addressed	Hazard Addressed	Status	Responsible Entity	Estimated Cost and funding Source
BSprings 1	Provide detention along Mission Creek north of Kaw Dr. (K-32) near Shawnee Rock. When Mission Creek floods, the floodwaters crest Kaw Dr. (K-32) near 12 ^{1st} Street. The floodwaters cause damage to the businesses in the area. The floodwaters also cause other issues downstream in Edwardsville, Kansas. Upon completion of an engineering study, it may be possible to detain Mission Creek, near the entrance to Shawnee Rock, in times of flood. Currently, the creek flows into three large tubes. By controlling the output of these tubes, floodwater would be detained in the natural basin outlined roughly by 118th Street and Steventon Dr /Metropolitan Ave. These roads would flood, but the areas they serve could be accessed from the north. The detention of the floodwater would result in keeping Kaw Dr. (K-32) from flooding and prevent flooding issues downstream.	H	1,2	Flood	On-going	City of Bonner Springs, City Planner/Floodplain Administrator, Public Works Director	Cost: Unknown Funds: FEMA, Local, combination Completion Date: 1 – 3 years
BSprings 2	Continue Compliance with NFIP. To reduce flood losses and maintain city's standing with FEMA. Continuous monitoring of floodplain development Participate in the NFIP Community Rating System Promote Flood Insurance at severe weather seminars, preparedness seminars, safety fairs, and severe	H	1,2,4	Flood	On-going, Open Ended	Bonner springs Planning Department, City Planning Director	Cost: NA Funds: NA Completion Date: Continuous

	weather week activities.						
BSprings 3	Provide NOAA weather radios to all physical businesses in Bonner Springs and Edwardsville. Severe weather strikes quickly and without warning. We should enhance the early warning capability for all hazards. By providing NOAA weather radios to all businesses throughout the community, we can provide early warning of severe weather and other hazards to members of the business community and their employees.	H	1,2, 4	Hailsotrm, Lightning, Tornado, Windstorm, Winter Storm	Delete – no longer an active project	Bonner Springs Project Manager	Cost: \$10,530 Funds: FEMA, Civic Org., NOAA (quantity discount) Completion Date: Delete
BSprings 4	Mounting camera at Fire Department for storm Monitoring. Severe weather strikes quickly and without warning. Weather spotters from the fire department are limited by terrain and other factors. By mounting a camera capable of tilt, zoom, and pan, (TZP) to the antenna at the Bonner Springs Fire Department, it would enhance the early warning capabilities of the county and city.	H	1,2	Hailsotrm, Lightning, Tornado, Windstorm, Winter Storm	On-going	Bonner springs Fire Department, Fire Chief, and WYCO Emergency Management Director	Cost: Unknown Funds: Unknown Completion Date: 1 year
BSprings 5	Continuity of Operations. Continuity of Operations plans are needed for the City of Bonner Springs Government Identify cost for plan development. 2. Identify funding source. 3. Emergency Management will coordinate with the City of Bonner Springs on implementation of this project upon receipt of funding. 4. Select contractor. 5. Schedule and conduct kick-off meeting 6. Conduct departmental interviews. 7. Develop draft plan. 8. Present the draft plan and solicit input from departments and elected officials. 9. Make revisions and finalize plan. 10. Develop exercise. 11. Exercise the plan 12. Conduct After Action and make any necessary changes to the plan.	H	1,4	All Hazards	On-going	City of Bonner springs City Manager	Cost: \$15,000 Funds: TBD Completion Date: TBD
BSprings 6	Family Preparedness Planning. Citizens need all hazard preparedness planning information to know how to respond in the	H	1,2,3	All Hazards	On-going	City of Bonner Springs, City Manager	Cost: \$50,000 Funds: DHS Grant, UASI Homeland Security Funds Completion Date: TBD

	event of a hazard event. Metropolitan Emergency Mgmt Committee (MEMC) Citizens Preparedness Committee will develop preparedness website to include family preparedness procedures and family planning templates. Make copies available of the planning templates. Develop family preparedness handbook Promote family preparedness planning with brochures, website and community outreach. Develop all hazards planning template in multiple languages Evaluate program outcomes with surveys and website						
BSprings 7	Turn Around Don't Drown. The public needs information/reminders not to drive through floodwaters on roadways. 1. Adopt Turn Around Don't Drown program 2. Develop promotional brochures, media releases, and street signs. 3. Promote program to driver education in schools. 4. Place signs along roadways that are prone to flash flooding	H	1,2,3	Flood	On-going	City of Bonner Springs Fire Department Fire Chief	Cost: \$2,000 Funds: Corporate Sponsors Completion Date: TBD
BSprings 8	Spring Creek Storm Drainage Improvements. Improvements are needed to address flooding that occurs as a result of inadequate drainage. Replace and construct additional culverts to reduce flooding. 1. Culvert under railroad Spur Road: replace with double 14'X14' RCB- \$386,600 2. Culvert under railroad tracks: construct an additional 14'X12' RCB- \$414,850 3. Culvert under Front Street: construct an additional 14'X12' RCB \$284,150 4. Culvert under Second Street: construct an additional 14'X12' RCB \$108,700 Total Cost: \$1,194,300	M	1,2	Flood	On-going	City of Bonner Springs Public Works Director	Cost: \$1,194,300 Funds: TBD Completion Date: TBD
BSprings 9	Spring Creek Storm Drainage /Springdale Avenue to Morse Avenue. Stream bank improvements are needed in Spring Creek located along Pratt Street and Morse Avenue and in the park. New triple 14' X 6' RCB under	M	1,2	Flood	On-going	City of Bonner Springs Public Works Director	Cost: \$782,700 Funds: FEMA HMGP, other Grants Completion Date: TBD

	Morse Avenue Grading the channel and constructing gabion basket walls at several locations along the creek within the park to stabilize the creek banks and help prevent further erosion Gabion basket walls will be constructed adjacent to the house at 300 block of Pratt Street to prevent further bank erosion Turf reinforcement matrix will also be constructed to stabilize the channel slopes in other locations Identify funding Place project out for bid Select contractor Execute contract Work completed City of Bonner Springs or designee would oversee project						
BSprings 10	Chemical Warning System Procedures. The public needs warning information during some chemical events that could impact them. Develop procedures to activate the Emergency Alert System (EAS) and National Weather Service (NWS) All Hazard Radios for chemical events. Coordinate meeting with Bonner Springs Police, Fire, EMS, Wyandotte County Emergency Management, NWS, and Union Pacific Railroad to discuss implementation of the NWS HazCollect notification system. Develop implementation policies and procedures and distribute to necessary departments Exercise the program Review After Action and make any necessary changes	M	1,2,4	Hazardous Materials	On-going	City of Bonner Springs Police Chief and Fire Chief	Cost: None Funds: None Completion Date: TBD
BSprings 11	Stream Bank Set Back ordinance. Controlling uses and developments along stream banks can aid in lessening impacts as a result of flooding. An ordinance controlling development along streambank would allow vegetation within setback areas minimizing streambank erosion as well as providing natural filters to improve groundwater quality. Research stream bank set back ordinances and determine if this tool should be implemented in the City of	M	1,2,4	Flood	On-going	City of Bonner Springs City Planning Director	Cost: None Funds: None Completion Date: TBD

	Bonner Springs. 1. Coordinate meeting with Bonner Springs, Natural Resources Conservation Service and Emergency Management 2. Review existing cities and sample ordinances 3. Determine if there is a need in Bonner Springs for a stream bank set back ordinance.						
BSprings 12	Storm Drainage Study. Storm drainage improvements are needed along Wolf Creek watershed. Provide Hydrologic and hydraulic analysis and storm drainage improvement design along Wolf Creek watershed. 1. finalize area to be studied 2. select contractor 3. execute contract 4. review preliminary findings 5. present study to elected officials	L	2	Flood	On-going	City of Bonner Springs City Planning Director	Cost: \$100,000 Funds: FEMA HMGP, County Completion Date: TBD
BSprings 13	Clark Area Drainage. Improvements are needed to address the undersized drainage features in the Clark Area Drainage Watershed. Phase A: Add RCB under K-7 ramp \$174,000 Phase B: Main line system-Emerson to Warner \$851,000 Phase C: Ditch re-alignment west of Emerson \$6,600 Phase D: Main line system-Morse to upstream of Emerson \$388,000 Phase E: Cornell Avenue system \$35,000 Phase F: Emerson Avenue to Morse Avenue \$92,000 Phase G: Northwest of Morse Avenue \$206,000 Total \$1,753,000	L	2	Flood	On-going	City of Bonner Springs Public Works Director	Cost: \$1,1753,000 Funds: TBD Completion Date: TBD
BSprings 14	Shelter-in-Place. A program is needed to educate individuals on how to receive notification regarding a chemical incident and necessary actions to take. Develop Shelter-in-Place program. Develop brochures and kits for sheltering-in-place. Educate and train residents on how to shelter-in-place	L	3	Hazardous Materials	On-going	City of Bonner Springs Police Chief and Fire Chief	Cost: \$7,500 Funds: TBD Completion Date: TBD

4. Discuss why any objectives were not reached or why implementation is behind schedule:

No objectives were unreached. Implementation is not behind schedule.

5. What are the recommendations for new projects or revised recommendations?

No recommendations for new projects at this time.