

DEPARTMENT OF HOMELAND SECURITY  
Federal Emergency Management Agency

**CRS COMMUNITY CERTIFICATIONS**

OMB Control Number: 1660-0022  
Expiration: 10/31/2023

Community Kansas City, City of State KS CID 200363  
(6-digit NFIP Community Identification Number)

**Note:** Please cross out any incorrect items, below, as needed, and insert the updated information.

**CC-213 Recertification**

Recertification due date February 1, 2022

Chief Executive Officer		CRS Coordinator	
Name	<u>The Honorable Tyrone Garner</u>	<u>Gunnar Hauser Hand, AICP</u>	
Title	<u>Mayor and Chief Executive Officer</u>	<u>Planner</u>	
Address	<u>701 North 7th Street, Suite 423 Kansas City, KS 66101</u>	<u>701 North 7th Street, Suite 423 Kansas City, KS 66101</u>	
Phone number	<u>913-573-5010</u>	<u>913-573-5750</u>	
E-mail address	<u>tgarner@wycokck.org</u>	<u>ghand@wycokck.org</u>	

I hereby certify that City of Kansas City, Kansas [community name] is implementing the following activities on the attached pages, as credited under the Community Rating System and described in our original application to the CRS and subsequent modifications.

I hereby certify that, to the best of my knowledge and belief, we are in full compliance with the minimum requirements of the NFIP and we understand that we must remain in full compliance with the minimum requirements of the NFIP. We understand that at any time we are not to be in full compliance, we will retrograde to a CRS Class 10.

I hereby certify that we will continue to maintain FEMA Elevation Certificates on all new buildings and substantial improvements constructed in the Special Flood Hazard Area following the date at which we joined the CRS.

I hereby certify that if there are one or more repetitive loss properties in our community that we must take certain actions that include reviewing and updating the list of repetitive loss properties, mapping repetitive loss areas, describing the cause of the losses, and sending an outreach project to those areas each year, and if we have fifty (50) or more unmitigated repetitive loss properties we must earn credit under Activity 510 (Floodplain Management Planning) for either a repetitive loss area analysis (RLAA) or a floodplain management plan (FMP).

I hereby certify that, to the best of my knowledge and belief, we are maintaining in force flood insurance policies for insurable buildings owned by us and located in the Special Flood Hazard Area (SFHA) shown on our Flood Insurance Rate Map. I further understand that disaster assistance for any community-owned building located in the SFHA is reduced by the amount of National Flood Insurance Program (NFIP) flood insurance coverage (structure and contents) that a community should be carrying on the building, regardless of whether the community is carrying a policy.

Signature  (Chief Executive Officer)

Date 2/16/2022

CC-213-1

[continued on next page]

Community \_\_\_\_\_ State \_\_\_\_\_ CID \_\_\_\_\_  
 (6-digit NFIP Community Identification Number)

<b>CRS Program Data Table</b>	A. In the SFHA	B. In a regulated floodplain outside the SFHA	C. In the rest of the community
1. Last report's number of buildings in the SFHA (bSF) (line 6, last report)			
2. Number of new buildings constructed since last report	+		
3. Number of buildings removed/demolished since last report	-		
4. Number of buildings affected by map revisions since last report (+ or -)			
5. Number of buildings affected by corporate limits changes (+ or -)			
6. Current total number of buildings in the SFHA (bSF) (total lines 1-5)			
7. Number of substantial improvement/damage projects since last report			
8. Number of repetitive loss properties mitigated since last report			
9. Number of LOMRs and map revisions (not LOMAs) since last report			
10. Acreage of the SFHA (aSFHA) as of the last report (line 13, last report)			
11. Acreage of area(s) affected by map revisions since last report (+ or -)			
12. Acreage of area(s) affected by corporate limits changes (+ or -)			
13. Current acreage of the SFHA (total lines 10-12)			
14. Primary source for building data:			
15. Primary source for area data:			
16. Period covered:		Current FIRM date	
<i>If available, the following data would be useful:</i>			
17. Number of new manufactured homes installed since last report			
18. Number of other new 1-4 family buildings constructed since last report			
19. Number of all other buildings constructed/installed since last report			

Comments:

*(Please note the number of the line to which the comment refers.)*

Community \_\_\_\_\_ State \_\_\_\_\_ CID \_\_\_\_\_  
(6-digit NFIP Community Identification Number)

## Instructions

At the first verification visit after the effective date of the 2013 *CRS Coordinator's Manual*, ONLY LINES 6 AND 13 NEED TO BE COMPLETED. These lines form the baseline data about the number of buildings and area of the SFHA for when the table is completed as part of the next annual recertification. The "period covered" entered in line 16 is the date that lines 6 and 13 are first completed. At all subsequent annual recertifications and cycle verification visits, the entire table is completed. The information in lines 6 and 13 from the last report is transferred to lines 1 and 10 in the next report.

## Instructions for the Columns

Column A numbers are for the SFHA (the A and V Zones shown on the Flood Insurance Rate Map) (FIRM)). Use the FIRM currently in effect, not a draft or pending revision.

Column B is completed only if the community receives CRS credit for regulating floodplain development outside the SFHA under Activity 410 (Floodplain Mapping) or Activity 430 (Higher Regulatory Standards).

Column C numbers help relate what happens in the floodplain to what is happening in the rest of the community. Enter "0" if there are no numbers to report for this period. Do not leave a cell blank. Do not fill in the shaded boxes.

## Instructions for the Lines

Lines 1-7 deal with buildings.

- o Section 301.a of the *CRS Coordinator's Manual* defines what constitutes a "building" and lists examples of structures that are not counted as "buildings" by the CRS.
- o Section 302.a of the *CRS Coordinator's Manual* describes how the CRS counts buildings. For example, accessory structures are not counted.
- o As noted in Section 302.a, to determine building counts, communities may use any method that yields reasonably good estimates of the number of buildings. Examples of acceptable methods are listed in Section 302.a. Precision is less important for large numbers. For example, the impact of the numbers will not change much if there are 10,000 buildings or 10,100 buildings.
- o If a building is out of the SFHA, but in a parcel that is partly in the SFHA, it is not counted in column A --In the SFHA.
- o In line 14, note how the building counts were obtained or estimated. Use the comments area, if needed.

Line 4 refers to map revisions. These include physical map revisions, Letters of Map Revision (LOMR), and Letters of Map Amendment (LOMA). If a building is removed from the SFHA by FEMA through a LOMA, but the community still administers its floodplain management regulations on the property, the building should not be included in the line 4 count in column A --In the SFHA. However, communities that still regulate areas removed by LOMAs can receive credit under Activities 410 or 430. If the community is receiving such credit, the building should be counted under column B --In a regulated floodplain outside the SFHA.

Line 7 is for the total number of buildings that were substantially improved plus the number of buildings that were substantially damaged during the period covered.

Lines 10 -13 deal with areas.

- o These areas are based on the areas shown on the community's FIRM including LOMRs or LOMAs. Section 403.b discusses those portions of the SFHA that are subtracted from the area of the SFHA to calculate the community's aSFHA used in credit calculations.
- o Section 403.e of the *CRS Coordinator's Manual* discusses calculating areas for CRS purposes.
- o Section 403.e notes that communities "should not spend an inordinate amount of time measuring areas." As with buildings, communities may use any method that yields reasonably good estimates. Examples of acceptable approaches are listed in Section 403.e.
- o Line 13 asks for the current acreage of the SFHA. The best source for this number is a GIS layer that shows the SFHA. If the community does not have GIS, the county, regional agency, or state NFIP mapping office may have SFHA layers and may be able to provide the data. If the community has a relatively recent FIRM, the study contractor or consulting engineer may have the data.
- o In line 15, note how the area calculations were obtained or estimated. Use the comments area, if needed.

Lines 17 -19 are voluntary, if the numbers are readily available.

- o Line 17 includes replacing an existing manufactured home with a new one. The newly placed manufactured home is counted as a new, post-FIRM, building.
- o The total of lines 17 -19 should equal the value entered in line 2.

CC-213-3

## COMMUNITY RATING SYSTEM ANNUAL RECERTIFICATION

Your community has been verified as receiving CRS credit for the following Activities.

- If your community is still implementing these activities the CRS coordinator is required to put his or her initials in the blank (do not use a checkmark or an "X") and **attach** the appropriate items. A blank with no initials indicates you are not implementing that Activity anymore, and will result in loss of points (and possible CRS Class).
- If the word "**attached**" is used you must provide the requested documentation for that Activity. If no documentation has been acquired for that Activity, please explain why there is no documentation from the past year.

          310 EC: We are maintaining Elevation Certificates, Floodproofing Certificates, Basement Floodproofing Certificates, V Zone design certificates and engineered opening certificates on all new construction and substantially improved buildings in our Special Flood Hazard Area (SFHA) and make copies of all Certificates available at our present office location.          *Initial here is you have had no new construction or substantial improvement in the SFHA in the last year.*

          310 EC: **Attached is the permit list for only new or substantially improved structures in the SFHA that have been completed in the last year.** We have permitted   2   new building and substantial improvements in the SFHA during this reporting period.

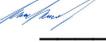
          310 EC: **Attached are all the Certificates for new or substantially improved structures that have been completed during this reporting period that are included on the above permit list.** (Note: The total number of Elevation and Floodproofing certificates should match the number of permits issued and completed within the reporting period defined above. All permits issued for new construction or substantial improvement within the V zone should have both an Elevation Certificate and a V Zone Certificate, and all buildings with basements within the basement exemption communities should have both an Elevation Certificate and a Basement Floodproofing Certificate).

          320 MI 1: We are providing basic flood information to inquirers. We also continue to provide the following to inquirers:

-           MI 2 additional FIRM information
-           MI 4 flood depth data
-           MI 6 historical flood information

          320 MI: **Attached is a copy of the publicity for the credited elements of this service this year.**

COMMUNITY RATING SYSTEM ANNUAL RECERTIFICATION

-         320 MI: **Attached is a copy of one page of the log, a letter, or other record that we kept on this service this year.**
-         320 MI: We are continuing to keep our FIRM updated and maintain old copies of our FIRM.
-         330 OP: We continue to conduct or provide all credited outreach projects.
-         340 ODR: People looking to purchase flood prone property are being advised of the flood hazard through our credited hazard disclosure measures.
-         350 LIB/LPD: Our public library continues to maintain flood protection materials.
-         350 WEB: We continue to conduct an annual review and update of the information and links in our flood protection website.
-         360 PPA: We continue to provide flood protection advice to inquirers.
-         360 PPV: We continue to provide on-site flood protection assistance to inquirers.
-         360 FAA: We continue to provide advice on financial assistance programs to inquirers.
-         360 PPA/PPV/FAA: **Attached is a copy of one page of the log, up to three letters, or other records that we kept on this service this year.**
-         360 PPA/PPV/FAA: **Attached is a copy of the document that told others about this / these service(s) this year.**
-         420 OSP: We continue to preserve our open space in the floodplain.
-         420 LZ/OSI: We continue to enforce our ordinance(s) for low-density zoning and/or open space incentives.  *Initial here if you have changed the allowable density of development in any of your zoning districts, rezoned parcels in the floodplain or changed your open space incentives. **Attach a copy of the amended regulations, provide a summary of the changes, and mark up the regulation indicating what's been changed.***
-         430: We continue to enforce the floodplain management provisions of our zoning, subdivision and building code ordinances for which we are receiving credit.  *Initial here if you have amended your floodplain regulations. **Attach a copy of the amended regulations, provide a summary of the changes and mark up the regulations indicating what's been changed.***

COMMUNITY RATING SYSTEM ANNUAL RECERTIFICATION

-         430 RA: We continue to enforce our procedures for administering our floodplain management regulations. If applicable, we also continue to employ CFMs and staff who took credited training courses. We currently have   2   CFMs on staff.
-         440 AMD: We continue to use and update our flood data maintenance system on an annual basis as needed.
-         440 FM: We continue to maintain our historical Flood Hazard Boundary Map, FIRMs and Flood Insurance Studies.
-         450 SMR: We continue to enforce the stormwater management and low impact development provisions of our zoning, subdivision and building code ordinances for new developments in the watershed.  Initial here if you have amended your stormwater management regulations that will impact your CRS program. **Attach a copy of the amended regulations, provide a summary of the changes and mark up the regulations indicating what's been changed.**
-         450 ESC/WQ: We continue to enforce the provisions of our zoning, subdivision and building codes as they pertain to erosion and sediment control and water quality.
-         502 RL: We currently have  12  repetitive loss properties and send our notice to  90  properties in the repetitive loss areas.
-         502 RL: **Attached is a copy of this year's notice on property protection, flood insurance and financial assistance that we sent to our repetitive loss areas.**
-         510 FMP: **Attached is a copy of our floodplain management plan's annual progress report for the action items contained in the plan.** We have included a progress report template for you to use (in the email notification) if you don't have one of your own.
-         510 FMP: We have provided copies of this/these progress report(s) to our governing board and local media.
-         520 AR: We continue to maintain as open space the lots where buildings were acquired or relocated out of the floodplain.  Initial here if there have been any changes (additions or deletions) to the parcels credited as open space. Attach a description of those changes.

Additional Comments: e ardin 52 A C onir ed t at t e ro erty addre ed a 3 56  
Bell Cro in i not a o iated wit a now n ar el and t at t e S  
oordinate rovided are or 3 6 Bell Cro in w i i rivate  
Attachments: owner i .

**CRS Activity 510**  
**Annual Progress Report on Implementation of Credited Plan**

**Which Plan is this for (use separate templates for each credited Plan):**

**Floodplain Management Plan (Hazard Mitigation Plan)**

~~Repetitive Loss Area Analysis~~

~~Floodplain Species Plan~~

~~Substantial Damage Plan~~

Name of Community:   City o   an a   City   an a

Date this Annual Progress Report was prepared (not the date of adoption of the credited Plan):   02/01/2022

Name of Plan:   Kansas Homeland Security Region L Hazard Mitigation Plan

Date of Adoption of Plan:   April 1, 2019

*5 Year CRS Expiration Date:*   May 1, 2026

1. How can a copy of the credited Plan be obtained:

Visit the Unified Government of Wyandotte County/ KCK Website here: <https://www.wycokck.org/files/assets/public/emergency-management/documents/042019-kansas-region-l-hazard-mitigation-plan-complete.pdf>

2. Describe how ***this annual progress report*** (not the credited Plan) was prepared and how it was submitted to the governing body, released to the media, and made available to the public:

See Below Additional Narrative.

3. Provide a description of the implementation of each recommendation or action item in the action plan or area analysis report, including a statement on how the project was implemented or not implemented during the previous year:

See Below Additional Narrative.

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

See below Additional Narrative.

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

See Section 6.6 - Review and Addition of Mitigation Actions in above referenced Hazard Mitigation Plan.



# Department of Planning + Urban Design

Unified Government of Wyandotte County • Kansas City, Kansas

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Kansas City, Kansas 66101  
[www.wycokck.org/planning](http://www.wycokck.org/planning)

Phone: (913) 573-5750  
Fax: (913) 573-5796  
Email: [planninginfo@wycokck.org](mailto:planninginfo@wycokck.org)

Department of Homeland Security – Federal Emergency Management Agency,

Below is additional narrative for the Form 510 2021 Annual Progress Report from the Unified Government of Wyandotte County and Kansas City, Kansas (UG):

### Question #2 Narrative

The annual progress reports are prepared in collaboration with multiple UG Departments, including Planning and Urban Design, Emergency Management, Public Works, and GeoSpatial Services.

This report is posted to the UG “Floodplain” Webpage under the “Annual Reports” tab, which is within the website for the Department of Planning and Urban Design. The public, media, and UG Board of Commissioners can find this information, as well as other floodplain information here:

[Floodplain – Unified Government of Wyandotte County and Kansas City \(wycokck.org\)](http://www.wycokck.org/floodplain)

This information is communicated to the UG Board of Commissioners via annual email notification via the County Administrative Officer (CAO) before being signed by the Mayor and CEO of the UG.

### Question #3 & 4 Narrative

There are 58 identified action items as a part of the Kansas Homeland Security Region L Hazard Mitigation Plan for Wyandotte County. Below is a list of all these action items, including an update and status for each:

Wyandotte – 1: In progress; dependent on funding; working with Emergency Management Department

Wyandotte – 3: On-going

Wyandotte – 4: On-going

Wyandotte – 5: On-going

Wyandotte – 6: In -progress; dependent on funding; working with Emergency Management Department

Wyandotte – 8: On-going

Wyandotte – 9: On-going

Wyandotte – 11: On-going

Wyandotte – 13: On-going; social media and email notifications of severe weather warnings

Wyandotte – 17: Ad hoc; Emergency Management Department trainings

Wyandotte – 18: Completed; Wyandotte County Emergency Operations Plan was updated in March 2022

Wyandotte – 19: Completed; Wyandotte County Emergency Operations Plan was updated in March 2022

Wyandotte – 20: In progress; Emergency Management Department

Wyandotte – 21: On-going; Public Works has implemented a storm-water basin annual review, which often includes surveys of existing water bodies

Wyandotte – 22: Not started due to lack of funding

Wyandotte – 23: On-going

Wyandotte – 24: Not started due to lack of funding

Wyandotte – 25: Completed

Wyandotte – 27: On going; Wyandotte County Emergency Operations Plan was updated in March 2022

Wyandotte – 30: In progress; Emergency Management Department

Wyandotte – 32: Not started due to lack of funding

Wyandotte – 33: On-going; Emergency Management Department partners and coordinates 5-7 trainings per year

Wyandotte – 34: Not started due to lack of funding

Wyandotte – 35: In progress; Emergency Management Department is a member of MARC's LEPC

Wyandotte – 37: Multiple storm-water management projects are underway as a part of the EPA consent decree to remove combined sanitary sewer and storm sewer overflows. Public Works Department regularly maintains and cleans out inlets, especially in the Spring and Fall. IN 2021, Public Works also updated its design manuals to comply with APWA Section 5600 Storm Drainage Systems & Facilities. You can find this information on the UG's "Engineering" webpage here: [DIVISION II \(wycokck.org\)](http://wycokck.org)

Wyandotte – 38: In progress; UG Strategic Communications Department and Public Information Officer partners with Emergency Management Department with all media outlets

Wyandotte – 39: In progress

Wyandotte – 43: Not started due to lack of funding

Wyandotte – 43: On-going via the regional SCOUT system in Wyandotte County

Wyandotte – 44: Not started due to lack of funding. FEMA updated all floodplain maps for Wyandotte County in 2021, and those are reflected in the public UG Maps

Wyandotte – 48: Not started due to lack of funding

Wyandotte -49: All known undermined areas are included in the public UG Maps

Wyandotte – 51: In progress; development process requires approval of all dams for stormwater management be reviewed by Kansas Department of Health and the Environment

Wyandotte – 52: No progress since last updated due to lack of funding

Wyandotte – 54: No progress since last updated due to lack of funding

Wyandotte – 55: Not started due to lack of funding

Wyandotte – 56: Not started due to lack of funding

Wyandotte 57: On going. Army Corps of Engineers levee raise project has begun for the Armourdale Area

A full list of all these Implementation actions is below for reference and additional information:

## 6.8.48 – Wyandotte County Mitigation Actions

**Table 6.54: Wyandotte County Mitigation Actions**

Action Identification	Description	Overall Priority	Goal(s) Addressed	Hazard Addressed	Status	Responsible Entity	Estimated cost, Funding Source, and Completion Date
Wyandotte – 1	<b>NFIP</b> - Develop alternative ways to better monitor, in real-time, water levels of the Kansas & Missouri Rivers, Turkey Creek and other smaller streams / tributaries throughout the county for the purposes of advance planning, response & warning.	H	1,2, 4	Flood	In Progress 10% complete	Emergency Management Director	<b>Cost:</b> \$10,000 <b>Funds:</b> FEMA <b>Completion Date:</b> 2 – 5 years
Wyandotte – 2	Adopt building codes to require safe rooms in residential structures and public buildings, including schools.	H	1,2	Windstorm, Tornadoes	In Progress Residential is in code now. Schools and Public buildings is on-going	UG Planning Department working with UG Commissioners and Bonner Springs, KS and Edwardsville, KS Planning and Zoning	<b>Cost:</b> Staff Time <b>Funds:</b> Grants, local Funding, individual Funding. <b>Completion Date:</b> 3 – 10 years
Wyandotte – 3	Work with large venues to ascertain the best available locations to direct their visitors/fans to in case of the need for sheltering. Emphasize the need for each large venue (and those to be constructed) to provide adequate sheltering from storms (tornadoes, hail, lightning, etc.,) as a minimum within their design or added as a retrofit.	H	1,2	All Hazards	In Progress Some venues have developed plans that identify shelter areas, others have not.	Emergency Management Director	<b>Cost:</b> Project Dependent, Staff Time <b>Funds:</b> Local, large venue funds, grant Funding <b>Completion Date:</b> 3 – 10 years
Wyandotte – 4	Continued operation and management of jurisdictional <b>NFIP</b> activities.	H	1,2	Flood	On Going	Flood Plain Manager (Planning Department), County Emergency Management	<b>Cost:</b> Staff Time <b>Funds:</b> Local <b>Completion Date:</b> Continuous
Wyandotte – 5	<b>NFIP</b> - Purchase flood prone properties. Especially repetitive loss properties.	H	1,2	Flood	On Going	Wyandotte county Emergency Management Director	<b>Cost:</b> Project Dependent <b>Funds:</b> Federal HMGP, Local, Combination of both <b>Completion Date:</b> Continuous
Wyandotte – 6	Provide back-up generators for critical facilities within the county. The County	H	1,2	All Hazards	In Progress	Emergency Management Director	<b>Cost:</b> \$3,000,000 <b>Funds:</b> Grant, Local



**Table 6.54: Wyandotte County Mitigation Actions**

Action Identification	Description	Overall Priority	Goal(s) Addressed	Hazard Addressed	Status	Responsible Entity	Estimated cost, Funding Source, and Completion Date
	has 57 facilities that require backup power to function should line power be lost.				Some facilities have installed generators (Fleet, Dispatch) and others are waiting for Funding		<b>Completion Date:</b> Continuous
Wyandotte – 7	Develop low water plans for utilities, businesses and organizations dependent on the water supply from the rivers.	H	1,2,4	Drought	Not Started,, Lack of Funding	Emergency Management Department director	<b>Cost:</b> \$100,000 annually <b>Funds:</b> Local <b>Completion Date:</b>
Wyandotte – 8	<b>NFIP</b> - Protect or relocate flood prone critical facilities.	H	1,2	Flood	On Going	Emergency Management Department Director	<b>Cost:</b> Project Dependent <b>Funds:</b> Local, Grant <b>Completion Date:</b> One to several years – depending on the prevention method(s) chosen to be used, and/or the need to relocate the critical facility.
Wyandotte – 9	<b>NFIP</b> - Build bridges and/or raise roads in low-lying areas.	H	1,2	Flood	On Going	UG Public Works Street Department Director	<b>Cost:</b> Project Dependent <b>Funds:</b> Local, CMIP, Excise Taxes, Grants <b>Completion Date:</b> Continuous
Wyandotte – 10	Expand and improve outdoor warning system network in Wyandotte County.	H	1,2	Windstorm, Tornadoes	In Progress Typically one new siren is installed each year	Emergency Management Director	<b>Cost:</b> \$25,000 to \$50,000 per siren, plus on-going annual required maintenance. <b>Funds:</b> Grants, HMIP, revenue-sharing, other local funds. <b>Completion Date:</b> Continuous



**Table 6.54: Wyandotte County Mitigation Actions**

Action Identification	Description	Overall Priority	Goal(s) Addressed	Hazard Addressed	Status	Responsible Entity	Estimated cost, Funding Source, and Completion Date
Wyandotte – 11	Continue Participation in the StormReady Community Certification Program thru the National Weather Service.	H	3,4	All Hazards	On Going	Emergency Management Director	<b>Cost:</b> Staff Time <b>Funds:</b> Local <b>Completion Date:</b> Continuous
Wyandotte – 12	Provide public education sessions on extreme temperature (heat / cold) conditions.	H	1,2,3,4	Extreme Temperatures	In Progress With emphasis on social media and web based information	Emergency Management & Public Health Departments Directors	<b>Cost:</b> Program size dependent <b>Funds:</b> Grants, local, combination <b>Completion Date:</b> Continuous
Wyandotte – 13	Promote NOAA all-hazards weather radios and support the KC Metro Region’s “Project Community Alert” all-hazards weather radio program.	H	1,2,3,4	All Hazards	In Progress The PCA is in hiatus due to Lack of Funding	Emergency Management Department Director	<b>Cost:</b> Program size dependent <b>Funds:</b> Grants, local, combination <b>Completion Date:</b> Continuous
Wyandotte – 14	Provide public education sessions on how to protect from, prepare for, respond to, and recover from tornados and severe weather.	H	1,2,3	Tornados	In progress Public presentations are provided ad hoc	Emergency Management Department Director	<b>Cost:</b> Program size dependent <b>Funds:</b> Grants, local, combination <b>Completion Date:</b> Continuous
Wyandotte – 15	Provide public education sessions on winter weather driving.	H	1,2,3	Winter Storms	In progress Public presentations are provided ad hoc	Emergency Management Department Director	<b>Cost:</b> Program size dependent <b>Funds:</b> Grants, local, combination <b>Completion Date:</b> Continuous
Wyandotte – 16	Provide public education sessions on the dangers of lightning.	H	1,2,3	Lightning	In progress Public presentations are provided ad hoc	Emergency Management Department Director	<b>Cost:</b> Program size dependent <b>Funds:</b> Grants, local, combination <b>Completion Date:</b> Continuous
Wyandotte – 17	Provide public education sessions to encourage ALL citizens to have a disaster	H	1,2,3	All Hazards	In progress	Emergency Management Department Director	<b>Cost:</b> Program size dependent



**Table 6.54: Wyandotte County Mitigation Actions**

Action Identification	Description	Overall Priority	Goal(s) Addressed	Hazard Addressed	Status	Responsible Entity	Estimated cost, Funding Source, and Completion Date
	kit which contains food, water, flashlight, batteries, battery operated radio, medications, etc.				Public presentations are provided ad hoc		<b>Funds:</b> Grants, local, combination <b>Completion Date:</b> Continuous
Wyandotte – 18	Continue review / revision of the Wyandotte County Emergency Operations Plan (EOP).	H	4	All Hazards	In Progress Monthly meetings are held to review each CEOP Annex	Emergency Management Department Director	<b>Cost:</b> Staff Time <b>Funds:</b> Local <b>Completion Date:</b> Continuous
Wyandotte – 19	Develop and maintain a Continuity of Operations Plan (COOP) for the Unified Government.	H	1,2,3,4	All Hazards	Not Started, Lack of Funding	Wyandotte County emergency management Director	<b>Cost:</b> Staff Time <b>Funds:</b> Grant DHS, Federal & State Grants, Local, combination <b>Completion Date:</b> 1 to 1 1/2 years after start.
Wyandotte – 20	Develop and maintain a Multi-Hazards Evacuation Plan.	H	1,2,3,4	All Hazards	In Progress Several key facilities have had plans developed	Wyandotte County Emergency Management Director	<b>Cost:</b> \$400,00 <b>Funds:</b> DHS Grant, Federal and State Grants, Local, combination <b>Completion Date:</b> 1 to 1 1/2 years after start.
Wyandotte – 21	<b>NFIP</b> - Conduct removal of debris from floodways to mitigate floodwater back-up.	H	1,2	Flood	On Going	Public Works Department Director	<b>Cost:</b> Project Dependent <b>Funds:</b> Local, Grant <b>Completion Date:</b> Continuous
Wyandotte – 22	Coordinate with NASCAR to develop a formal emergency response plan for the Kansas Speedway...	H	1,2	All Hazards	Not Started, Lack of Funding	Emergency Management Director	<b>Cost:</b> \$30,000 <b>Funds:</b> NASCAR <b>Completion Date:</b> 3 months
Wyandotte – 23	<b>NFIP</b> - Continue Participation in the Community Emergency Response Team (CERT) program by recruiting, training, equipping and fielding CERT Teams.	H	1,2,3	Flood	On Going	Emergency Management Director	<b>Cost:</b> \$4,000 per class of 25 <b>Funds:</b> Grant, Local, Individual, combination <b>Completion Date:</b> Continuous



**Table 6.54: Wyandotte County Mitigation Actions**

Action Identification	Description	Overall Priority	Goal(s) Addressed	Hazard Addressed	Status	Responsible Entity	Estimated cost, Funding Source, and Completion Date
Wyandotte – 24	Construct a boat ramp to the Kansas River near the I-435 Bridge for joint use by KDOT, local law enforcement and fire departments, and other potential first responders.	H	1,2	All Hazards	Not Started, Lack of Funding	UG Public Works Department Director	<b>Cost:</b> \$100,000 <b>Funds:</b> HMGP, DHS Grant, CMIP, local <b>Completion Date:</b> 2 – 5 years
Wyandotte – 25	Construct a boat ramp to the Kansas River beneath the Turner Diagonal Bridge and 7 <sup>th</sup> St. for joint use by KDOT, local law enforcement and fire departments, and other potential first responders.	H	1,2	All Hazards	In Progress 50% complete 7 <sup>th</sup> Street ramp is done	UG Public Works Director	<b>Cost:</b> \$60,000 <b>Funds:</b> HMGP, DHS Grant, CMIP, local <b>Completion Date:</b> 2 – 5 years
Wyandotte – 26	Establish priority reconnects with local utility companies after outages created by severe storms or other type incidents.	H	1,2	Utility/ Infrastructure Failure	In Progress all three of the power providers have priority reconnect lists but the data must be maintained	County Emergency Management Director/all utilities in Wyandotte County	<b>Cost:</b> Staff Time <b>Funding:</b> Local, State <b>Completion Date:</b> 6 month – 2 years
Wyandotte – 27	Establish periodic reviews / updates of Wyandotte County Multi-Jurisdictional All-Hazards Mitigation Plan, conducting a major review every five years.	H	1,2	All Hazards	On Going	Wyandotte County Emergency Management Director	<b>Cost:</b> Staff Time <b>Funds:</b> Local <b>Completion Date:</b> On-going
Wyandotte – 28	Adopt / implement / enforce building code standards for the installation of lightning protection systems.	H	1,2	Lightning	In Progress UG has done this. BS and Edwardsville in progress	UG, Bonner Springs, Edwardsville Planning Departments, Director of Neighborhood Resource Center	<b>Cost:</b> Staff Time <b>Funds:</b> Local <b>Completion Date:</b> 2 – 5 years
Wyandotte – 29	Create a public notification system to alert the public about an epidemic and how to prevent or treat the disease.	H	1,2,4	Major Disease Outbreak	Complete Current plans call for the use of mass media to share this information	Wyandotte County Emergency Management Director, Wyandotte county Public Health Department Director	<b>Cost:</b> \$500,000 <b>Funds:</b> Federal, State Grant Funding through DHS/MMRS Local, combination <b>Completion Date:</b> 6 months – 1 ½ years



**Table 6.54: Wyandotte County Mitigation Actions**

Action Identification	Description	Overall Priority	Goal(s) Addressed	Hazard Addressed	Status	Responsible Entity	Estimated cost, Funding Source, and Completion Date
Wyandotte – 30	Offer / provide Damage Assessment Team training annually for designated damage assessment personnel.	H	4	All Hazards	In Progress Local codes officials are trained on this and refreshed with JIT training pre-deployment	Wyandotte County Emergency management Director	<b>Cost:</b> Staff Time <b>Funds:</b> KDEM, IAW FEMA guidelines <b>Completion Date:</b> Continuous
Wyandotte – 31	Identify large venues, ball fields, parks and other areas countywide for installation of lightning detectors and develop a program for their installation.	H	1,2	Lightning	In Progress Lightning detection systems have been installed at the Adult and Youth Soccer Training facilities.	Wyandotte County emergency Management Director	<b>Cost:</b> \$5,000,000 <b>Funds:</b> HMGP, DHS Grant, Local, Combination <b>Completion Date:</b> 1 – 3 years
Wyandotte – 32	Partner with local school districts to ensure they have coordinated, well-prepared plans for school evacuations and sheltering-in-place.	H	1,2,3,4	All Hazards	Not Started, Lack of Funding	Wyandotte County Emergency Management Director	<b>Cost:</b> Staff Time <b>Funds:</b> Local <b>Completion Date:</b> Continuous, on-going. Wyandotte County has gotten with the districts, however, as plan are revised the cycle begins over.
Wyandotte – 33	Support the continuation of Tabletop, Functional and Full-Scale Exercises and other training events for responders and support personnel.	H	1,2,4	All Hazards	In Progress Routinely Wy Co EMA participates in 5 to 7 exercises per year with at least 2 being	Wyandotte County Emergency management Director	<b>Cost:</b> Staff Time <b>Funds:</b> SHSG, UASI, County, EMPG, HMEP <b>Completion Date:</b> Continuous



**Table 6.54: Wyandotte County Mitigation Actions**

Action Identification	Description	Overall Priority	Goal(s) Addressed	Hazard Addressed	Status	Responsible Entity	Estimated cost, Funding Source, and Completion Date
					functional or full scale		
Wyandotte – 34	Create a method for parents to reach their children during disaster emergencies.	H	4	All Hazards	Not Started, Lack of Funding	Wyandotte County Emergency Management Director	<b>Cost:</b> \$250,000 annually <b>Funds:</b> NA <b>Completion Date:</b> Continuous
Wyandotte – 35	Involve the Local Emergency Planning Committee (LEPC) in all hazard identification and response / recovery / mitigation planning.	H	4	All Hazards	In Progress Wy Co is a member of the Mid America Regional LEPC and participates in the planning process there.	Wyandotte County Emergency Management Director	<b>Cost:</b> Staff Time <b>Funds:</b> Local <b>Completion Date:</b> Continuous
Wyandotte – 36	Provide public education sessions on aggressive smoke detector installation.	H	3	Wildfire	In Progress In partnership with Red Cross provide and install smoke detectors	Kansas City, Kansas fire Department, Bonner Springs, Edwardsville, and Fire Inspector	<b>Cost:</b> Provided by ARC <b>Funds:</b> Unknown <b>Completion Date:</b> Continuous
Wyandotte – 37	<b>NFIP</b> - Upgrade / expand / improve storm water Management Systems.	H	1,2	Flood	In Progress	UG Water Pollution Control, Public Works Departments of Bonner springs, Edwardsville, and Lake Quivira	<b>Cost:</b> \$50,000,000 to \$10,000,000 <b>Funding:</b> Grant, Local, combination <b>Completion Date:</b> Continuous
Wyandotte –38	Develop / improve early warning system and work with Media Partners / Outlets to ensure that the same, clear, consistent message is being sent out by everyone	H	3,4	All Hazards	In Progress Wy Co PIO group has been established to address this issue	Wyandotte county Emergency Management Director	<b>Cost:</b> Staff Time <b>Funds:</b> Local <b>Completion Date:</b> Continuous



**Table 6.54: Wyandotte County Mitigation Actions**

Action Identification	Description	Overall Priority	Goal(s) Addressed	Hazard Addressed	Status	Responsible Entity	Estimated cost, Funding Source, and Completion Date
Wyandotte – 39	Create and deliver seminars / training on planning for special event venues to include all hazard events, emergency response plans and continuity of business plans.	H	1,2,4	All Hazards	In Progress Training is scheduled for Feb 2019 to address this	Wyandotte County emergency Management Director	<b>Cost:</b> \$20,000 <b>Funds:</b> Grants, Donations, Local <b>Completion Date:</b> TBD
Wyandotte – 40	Invite critical organizations to be part of the KC TEW for advance notification of terrorist activity in the area.	H	1,2,3,4	Terrorism/Agri-Terrorism	In Progress	Wyandotte County Sheriff's Chief & KCK Police Department	<b>Cost:</b> Staff Time <b>Funds:</b> Local <b>Completion Date:</b> Continuous
Wyandotte – 41	Develop / maintain an Early Warning System to notify the Public on potential Haz-Mat dangers integrating it with existing early warning capabilities.	H	1,2,4	Hazardous Materials	Not Started, Lack of Funding	Wyandotte County emergency Management Director	<b>Cost:</b> \$150,000 annually <b>Funds:</b> DHS Grant, Local, Combination <b>Completion Date:</b> 1 – 3 years
Wyandotte – 42	Develop / maintain an Early Warning System to notify Hospitals and other critical facilities of impending hazard threats integrating it with existing early warning capabilities.	H	1,2,4	All Hazards	Not Started, Lack of Funding	Wyandotte County Emergency Management Director	<b>Cost:</b> \$150,000 annually <b>Funds:</b> DHS Grant, Local, combination <b>Completion Date:</b> 1 – 3 years
Wyandotte – 43	Implement usage of electronic signs on highways to notify motorists of weather warnings and other hazards.	H	1,2, 4	All Hazards	In Progress We would use the SCOUT sign system to do this	Wyandotte County Emergency Management Director	<b>Cost:</b> Staff Time <b>Funds:</b> KDOT / MoDOT <b>Completion Date:</b> 6 month – 1 ½ years
Wyandotte – 44	<b>NFIP</b> - Update all Flood Insurance Maps.	H	1,2	Flood	Not Started, Lack of Funding	UG Planning Department Director	<b>Cost:</b> \$250,000 <b>Funds:</b> Local and grants <b>Completion Date:</b> 6 months – 1 ½ years
Wyandotte – 45	<b>NFIP</b> - Notify all homeowners and businesses in flood prone areas of their possible risk.	H	1,2	Flood	In Progress	UG Planning and Zoning Department; Bonner springs and Edwardsville Planning Departments	<b>Cost:</b> Staff Time <b>Funds:</b> Local <b>Completion Date:</b> 1 – 2 years
Wyandotte – 46	Require fixed HazMat facilities to have their emergency response procedures coordinated with the city and county first responder plans.	H	1,4	Utility/ Infrastructure Failure	In Progress This is done when Fire	Wyandotte County Emergency Management Director	<b>Cost:</b> Staff Time <b>Funds:</b> Local <b>Completion Date:</b> 1+ years



**Table 6.54: Wyandotte County Mitigation Actions**

Action Identification	Description	Overall Priority	Goal(s) Addressed	Hazard Addressed	Status	Responsible Entity	Estimated cost, Funding Source, and Completion Date
					Depts meet with facilities		
Wyandotte – 47	Identify and develop a list of those areas susceptible to explosive fires, such as grain elevators, etc., and map them.	M	1,2	Wildfire	On going Mapped in our GIS department	Wyandotte County emergency Management Director	<b>Cost:</b> Staff Time <b>Funds:</b> DHS Grant, Local, combination <b>Completion Date:</b> 1 – 3 years then continuous.
Wyandotte – 48	Develop a Memorandum of Understanding (MOU) with/between area building departments for post-disaster damage assessment.	M	4	All Hazards	Not Started, Lack of Funding	Wyandotte County Emergency Management Director	<b>Cost:</b> Staff Time <b>Funds:</b> DHS Grant, Local, combination <b>Completion Date:</b> 6 month – 1 years then continuous
Wyandotte – 49	Map all geological hazards countywide and make this information available. Identify and map specific underground void space areas prone to collapse failure and limit future development in these areas.	M	1,2	All Hazards	Not Started, Lack of Funding	Map all geological hazards countywide and make this information available. Identify and map specific underground void space areas prone to collapse failure and limit future development in these areas.	<b>Cost:</b> \$50,000 annually <b>Funds:</b> DHS Grant, Local, Combination <b>Completion Date:</b> Continuous
Wyandotte – 50	Provide preparedness planning training and information for small business owners.	M	3	All Hazards	Not Started, Lack of Funding	Provide preparedness planning training and information for small business owners.	<b>Cost:</b> \$5,000 <b>Funds:</b> Grants, Corporate Sponsors <b>Completion Date:</b> TBD
Wyandotte – 51	Develop and enforce building restrictions in dam inundation areas.	M	1,2	Dam and Levees	Not Started, Consider moving to Urban Planning and Land Use	Wyandotte County Emergency Management Director	<b>Cost:</b> Staff Time <b>Funds:</b> None <b>Completion Date:</b> 1 – 5 years
Wyandotte – 52	<b>NFIP</b> - Install and maintain fog warning flashing lights and flash flood warnings (lights and signs) in low-lying and flood prone areas.	M	1,2	Flood	In Progress Lights and gates installed on Mill St at	Wyandotte County Emergency Management Director	<b>Cost:</b> \$100,000 per crossing <b>Funds:</b> Grant, Local, Combination <b>Completion Date:</b>



**Table 6.54: Wyandotte County Mitigation Actions**

Action Identification	Description	Overall Priority	Goal(s) Addressed	Hazard Addressed	Status	Responsible Entity	Estimated cost, Funding Source, and Completion Date
					Turkey Creek crossing		
Wyandotte – 53	Identify potential landslide areas and install reinforcement barriers to nullify potential disasters and protect infrastructure.	M	1,2	Landslides	Not Started, Lack of Funding	Wyandotte County Emergency Management Director, Public Works Departments of the UG, Bonner springs and Edwardsville	<b>Cost:</b> \$90,000 annually <b>Funds:</b> State, Federal, Local, Combination <b>Completion Date:</b> .2020
Wyandotte – 54	<b>NFIP</b> - Provide an early warning system on streams with the most potential for flood damage to structures.	M	1,2	Flood	In Progress Stream gauge installed at Mill St & Turkey Creek crossing	Wyandotte County Emergency Management Director	<b>Cost:</b> \$50,000 each <b>Funds:</b> HMGP, DHS Grants, Local <b>Completion Date:</b> 3 – 5 years
Wyandotte – 55	Identify critical businesses and public service agencies and work to ensure their Continuity of Operations during / following a disaster.	M	4	All Hazards	Not Started, Lack of Funding	Wyandotte County Emergency Management Director	<b>Cost:</b> \$100,000 annually <b>Funds:</b> HMGP, DHS Grants, Local, Individual business/agency Funding or donations, combination <b>Completion Date:</b> 2 – 5 years
Wyandotte – 56	Create / develop and maintain a plan for pet and livestock rescue, care and sheltering during / following disasters.	M	2	All Hazards	Not Started, Lack of Funding	Wyandotte County Emergency Management Director	<b>Cost:</b> Staff Time <b>Funds:</b> DHS Grants, Local, State, Federal <b>Completion Date:</b> 2 – 5 years
Wyandotte – 57	Develop / review / update EAPs for High & Significant hazard dams in Wyandotte County.	M	1,2	Dams and Levees	In Progress Plans are reviewed as received	Owner of Dam – UG Urban Planning and KS Dept of AG	<b>Cost:</b> Staff Time <b>Funds:</b> Individual owner <b>Completion Date:</b> 6 months after start of plan
Wyandotte - 58	Develop a vaccination strategy and a hospital mass prophylaxis plan.	H	1,2	Major Disease Outbreak	Not Started, Lack of Funding	County, Manager Infection Control Director, Health Department, Administrator	<b>Cost:</b> TBD <b>Funds:</b> MMRS, and the SNS <b>Completion Date:</b> Continuous



## Question #5 Narrative

As noted above, the Armourdale Levee raise project has begun in partnership with the US Army Corps of Engineers.

Additionally, the FEMA floodplain maps have been updated in the UG's public map portal, UG Maps, which can be found here (Under "Flood/Hydrology" select both "Floodway" and "Special Flood Hazard Areas"):

[DotMaps – Unified Government of Wyandotte County and Kansas City \(wycokck.org\)](http://wycokck.org)

These maps are used during the entitlement process. The UG's Public Works Department has also mapped all wild lands and is in the process of quantifying the ecological and stormwater value of this open space as it related to the ongoing EPA consent decree and related projects.

There was a technical amendment to the UG's floodplain ordinance in 2021, which allows after the fact permits to be issued if improvements were completed and legal under previously adopted versions floodplain ordinance.

Several recommendations for future consideration include:

1. Development of a new Stream Buffer Ordinance;
2. Set aside of Land Bank property for open space in flood prone areas; and,
3. Coordinate future storm-water upgrades related to the EPA consent decrees mentioned previously with all master plan processes in order to realize the multi-benefits of these types of infrastructure projects.