



Department of Planning + Urban Design

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CRS Activity 510 – Hazard Mitigation Plan Annual Progress Report

CRS Reporting Period – November 2018 through November 2023 (5-years)



The UG entered [FEMA's Community Rating System](#) (CRS) program in 2012 and has maintained a floodplain management program that exceeds the minimum standards of a [National Flood Insurance Program](#) (NFIP). The CRS program is a voluntary program that results in a discount to NFIP flood insurance policyholders within the UG corporate limits.

Currently, the UG maintains a 20% discount for citizens that carry NFIP flood insurance. In October 2023, the [State of Kansas Department of Water Resources](#) presented the UG with its CRS Class 6 plaque and recognition of the 20% savings commitment to UG citizens. The 2023-2028 UG CRS program participation and collaboration from multiple UG Departments results in savings to the UG citizens of approximately \$125,000 over 5 years as a CRS Class 6 community. This savings is a calculation provided by FEMA based on current NFIP flood insurance policies with the 20% discount applied. As a participating NFIP/CRS community, NFIP flood insurance is available to all in the UG corporate limits.

As of October 1, 2023, FEMA Region 7 has 77 activity CRS participating communities. The UG has joined the high rankings of FEMA Region 7's CRS Class 6 communities as 1 of the 7. Currently, in FEMA Region 7, the CRS classification of 5 is the highest recognized CRS classification, earning a 25% NFIP flood insurance savings to policyholders within those communities. Participation in FEMA's CRS program is the only discount and cost offset to citizens that can be applied to NFIP flood insurance policies.

CRS Eligible Communities			
October 1, 2023 Effective Date			
State	Name	Class	% Discount
IA	Cedar Falls, City of	5	25
IA	Cedar Rapids, City of	6	20
IA	Charles City, City of	9	5
IA	Clive, City of	5	25
IA	Coralville, City of	7	15
IA	Davenport, City of	7	15
IA	Des Moines, City of	6	20
IA	Iowa City, City of	6	20
IA	Kalona, City of	9	5
IA	Linn County	7	15

IA	Pottawattamie County	9	5
IA	Story County	7	15
IA	Urbandale, City of	7	15
KS	Anthony, City of	8	10
KS	Assaria, City of	9	5
KS	Bel Aire, City of	9	5
KS	Bonner Springs, City of	7	15
KS	Butler County	7	15
KS	Chapman, City of	8	10
KS	Coffeyville, City of	9	5
KS	Derby, City of	7	15
KS	Ellis, City of	8	10
KS	Florence, City of	9	5
KS	Galva, City of	9	5
KS	Geary County	8	10
KS	Gypsum, City of	9	5
KS	Hays, City of	9	5
KS	Haysville, City of	8	10
KS	Humboldt, City of	9	5
KS	Independence, City of	7	15
KS	Iola, City of	9	5
KS	Jefferson County	7	15
KS	Kansas City, City of	6	20
KS	Lansing, City of	7	15
KS	Lawrence, City of	8	10
KS	Lenexa, City of	5	25
KS	Lindsborg, City of	9	5
KS	Linwood, City of	9	5
KS	Lyon County	8	10
KS	Lyons, City of	8	10
KS	Manhattan, City of	6	20
KS	Mcpherson, City of	8	10
KS	Merriam, City of	9	5
KS	Moundridge, City of	9	5
KS	Newton, City of	8	10
KS	Olathe, City of	8	10
KS	Ottawa, City of	9	5
KS	Overbrook, City of	8	10
KS	Overland Park, City of	7	15
KS	Pratt, City of	7	15
KS	Riley County	9	5
KS	Riley, City of	9	5
KS	Shawnee County	8	10

KS	Shawnee, City of	6	20
KS	Silver Lake, City of	9	5
KS	Strong City, City of	9	5
KS	Topeka, City of	9	5
KS	Valley Center, City of	7	15
KS	Wamego, City of	8	10
MO	Blue Springs, City of	9	5
MO	Brentwood, City of	9	5
MO	Florissant, City of	8	10
MO	Hannibal, City of	9	5
MO	Independence, City of	9	5
MO	Kansas City, City of	7	15
MO	Lee's Summit, City of	9	5
MO	Lincoln County	7	15
MO	Maryland Heights, City of	7	15
MO	O'Fallon, City of	9	5
MO	Platte County	5	25
MO	St. Charles County	6	20
NE	Fremont, City of	8	10
NE	Lincoln, City of	5	25
NE	Omaha, City of	7	15
NE	Papillion, City of	7	15
NE	Scottsbluff, City of	8	10
NE	Valley, City of	9	5

You do not have to be within a mapped floodplain to purchase flood insurance. The NFIP provides flood insurance to property owners, renters, and businesses, and having this coverage helps them recover faster when floodwaters recede. The NFIP works with communities required to adopt and enforce floodplain management regulations that help mitigate flooding effects. Flooding can happen anywhere and does not have to be storm related. When just one inch of water in a home can cost more than \$25,000 in damage, flood insurance can be the difference between recovery and financial devastation. Learn more about the benefits of NFIP flood insurance coverage at www.floodsmart.gov.

The required CRS Annual Progress Report was prepared on October 30, 2023, to meet the credit criteria for CRS Activity 510 – Floodplain Management Planning. The UG maintains credit in the CRS program from two credited elements under Activity 510. This credit includes the adopted Kansas Homeland Security Region L Multi-Jurisdictional Hazard Mitigation Plan and the UG Repetitive Loss Area Analysis.

The flood action items in the hazard mitigation plan meet the higher standards of a CRS creditable plan for community-wide floodplain management. The CRS creditable Repetitive Loss Area Analysis meets the higher standards of a CRS creditable plan for a detailed mitigation plan for the identified repetitive loss structures within the UG corporate limits. The Department of Planning and Urban Design has reviewed each flood action item and provided a status update. The Department of Emergency Management has started the process of coordinating with UG departments and agencies to kick off the FEMA required 5-year update of the hazard mitigation plan. During this process action items will be reviewed, updated,

added, and/or removed during the planning process and department contributions. 2022 CRS 510 - Progress Report identified recommendations for future consideration. Additional recommendations may be identified during the 5-year hazard mitigation plan update.

1. Development of a new Stream Buffer Ordinance
2. Set aside of Land Bank property for open space in flood prone areas
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.
4. Coordination of brownfield assessment and remediation with parcels located in CSO consent decree project areas.

The 2023 Hazard Mitigation Plan Annual Progress Report provides a status summary of the flood action projects listed for Wyandotte County. The flood actions described are current with the Region L HMP 2019-2024 approved plan. Wyandotte County Emergency Management Department maintains the Hazard Mitigation Plan and it is reviewed for minor updates annually. The plan is revised every five years and is a joint project between Wyandotte County, Leavenworth County, and Johnson County. To maintain credit, the UG must complete an annual progress report, provide it to the governing body, and make it available to the media and public. To meet these criteria the Department of Planning and Urban Design emails the annual progress report to the governing body as an informational document and posts on the UG's flood information webpage on the City's website.

The 2019 Kansas Homeland Security Region L Multi-Jurisdictional Hazard Mitigation Plan is available online at: [042019-kansas-region-l-hazard-mitigation-plan-complete.pdf \(wycokck.org\)](https://www.wycokck.org/042019-kansas-region-l-hazard-mitigation-plan-complete.pdf). The annual progress report will be available online at [Floodplain Management – Unified Government of Wyandotte County and Kansas City \(wycokck.org\)](https://www.wycokck.org/floodplain-management-unified-government-of-wyandotte-county-and-kansas-city). The Region L plan was adopted by the UG on January 9, 2020, and expires on May 1, 2026.

2023 CRS Annual Progress Report Activity 510 – Hazard Mitigation Plan						
Description	Overall Priority	Goal(s) Addressed	Hazard Addressed	2023 HMP Status	Responsible Entity	Estimated cost, Funding Source, and Completion Date
W-1 NFIP - 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; dependent on funding; working with Emergency Management Department	Emergency Management Director	Cost: \$10,000
				10% complete		Funds: FEMA
						Completion Date: 2 – 5 years

W-4 Continued operation and management of jurisdictional NFIP activities.	H	1,2	Flood	On Going	Flood Plain Manager (Planning Department), County Emergency Management	Cost: Staff Time
						Funds: Local
						Completion Date: Continuous
W-5 NFIP - Purchase flood prone properties. Especially repetitive loss properties.	H	1,2	Flood	On Going	Wyandotte county Emergency Management Director	Cost: Project Dependent
						Funds: Federal HMGP, Local, Combination of both
						Completion Date: Continuous
W-8 NFIP - Protect or relocate flood prone critical facilities.	H	1,2	Flood	On Going	Emergency Management Department Director	Cost: Project Dependent
						Funds: Local, Grant
						Completion Date: One to several years – depending on the prevention method(s) chosen to be used, and/or the need to relocate the critical facility.
W-9 NFIP - Build bridges and/or raise roads in low-lying areas.	H	1,2	Flood	On Going	UG Public Works Street Department Director	Cost: Project Dependent
						Funds: Local, CMIP, Excise Taxes, Grants
						Completion Date: Continuous
W-11 Continue Participation in the StormReady Community Certification Program	H	3,4	All Hazards	On Going	Emergency Management Director	Cost: Staff Time
						Funds: Local

thru the National Weather Service.						Completion Date: Continuous
W-14 Provide public education sessions to encourage ALL citizens to have a disaster kit which contains food, water, flashlight, batteries, battery operated radio, medications, etc.	H	1,2,3	All Hazards	In progress	Emergency Management Department Director	Cost: Program size dependent
				Public presentations are provided ad hoc		Funds: Grants, local, combination
						Completion Date: Continuous
W-21 NFIP - Conduct removal of debris from floodways to mitigate floodwater back-up.	H	1,2	Flood	On-going; Public Works has implemented a storm-water basin annual review, which often includes surveys of existing water bodies	Public Works Department Director	Cost: Project Dependent
						Funds: Local, Grant
						Completion Date: Continuous
W-23 NFIP - 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	Cost: \$4,000 per class of 25
						Funds: Grant, Local, Individual, combination
						Completion Date: Continuous
W-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 Operations Plan was updated in March 2022	Wyandotte County Emergency Management Director	Cost: Staff Time
						Funds: Local
						Completion Date: On-going

W-30 Offer / provide Damage Assessment Team training annually for designated damage assessment personnel.	H	4	All Hazards	In progress; Emergency Management Department	Wyandotte County Emergency management Director	Cost: Staff Time
				Local codes officials are trained on this and refreshed with JIT training pre-deployment		Funds: KDEM, IAW FEMA guidelines
						Completion Date: Continuous
W-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	On-going; Emergency Management Department partners and coordinates 5-7 trainings per year	Wyandotte County Emergency management Director	Cost: Staff Time
				Routinely Wy Co EMA participates in 5 to 7 exercises per year with at least 2 being functional or full scale		Funds: SHSG, UASI, County, EMPG, HMEP
						Completion Date: Continuous
W-35 Involve the Local Emergency Planning Committee (LEPC) in all hazard identification and response / recovery / mitigation planning.	H	4	All Hazards	In progress; Emergency Management Department is a member of MARC's LEPC	Wyandotte County Emergency Management Director	Cost: Staff Time

				Wy Co is a member of the Mid America Regional LEPC and participates in the planning process there.		Funds: Local
						Completion Date: Continuous
W- 37 NFIP - Upgrade / expand / improve storm water Management Systems.	H	1,2	Flood	In Progress 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.	UG Water Pollution Control, Public Works Departments of Bonner springs, Edwardsville, and Lake Quivira	Cost: \$50,000,000 to \$10,000,000
						Funding: Grant, Local, combination
						Completion Date: Continuous
W-43 Implement usage of electronic signs on highways to notify motorists of weather warnings and other hazards.	H	1,2, 4	All Hazards	On-going via the regional SCOUT system in Wyandotte County	Wyandotte County Emergency Management Director	Cost: Staff Time
				We would use the SCOUT sign system to do this		Funds: KDOT / MoDOT
						Completion Date: 6 month – 1 ½ years

W-44 NFIP - Update all Flood Insurance Maps.	H	1,2	Flood	Not Started, lack of funding	UG Planning Department Director	Cost: \$250,000
				Lack of Funding		Funds: Local and grants
						Completion Date: 6 months – 1 ½ years
W-45 NFIP - 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	Cost: Staff Time
						Funds: Local
						Completion Date: 1 – 2 years
W-49 Develop a Memorandum of Understanding (MOU) with/between area building departments for post-disaster damage assessment.	M	4	All Hazards	In Progress	Wyandotte County Emergency Management Director	Cost: Staff Time
				Lack of Funding		Funds: DHS Grant, Local, combination
						Completion Date: 6 month – 1 years then continuous
W-50 Provide preparedness planning training and information for small business owners.	M	3	All Hazards	Not Started,	Provide preparedness planning training and information for small business owners.	Cost: \$5,000
				Lack of Funding		Funds: Grants, Corporate Sponsors
						Completion Date: TBD
W-51 Develop and enforce building restrictions in dam inundation areas.	M	1,2	Dam and Levees	Not Started,	Wyandotte County Emergency Management Director	Cost: Staff Time
				Consider moving to Urban Planning and Land Use		Funds: None
						Completion Date: 1 – 5 years

W-52 NFIP - 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	No progress since 2022 update due to lack of funding	Wyandotte County Emergency Management Director	Cost: \$100,000 per crossing
				Lights and gates installed on Mill St at Turkey Creek crossing		Funds: Grant, Local, Combination
						Completion Date:
W-54 NFIP - Provide an early warning system on streams with the most potential for flood damage to structures.	M	1,2	Flood	No progress since 2022 update due to lack of funding	Wyandotte County Emergency Management Director	Cost: \$50,000 each
				Stream gauge installed at Mill St & Turkey Creek crossing		Funds: HMGP, DHS Grants, Local
						Completion Date: 3 – 5 years
W-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	Cost: Staff Time
				Lack of Funding		Funds: DHS Grants, Local, State, Federal
						Completion Date: 2 – 5 years
W-57 Develop / review / update EAPs for High & Significant hazard dams in Wyandotte County.	M	1,2	Dams and Levees	On going. Army Corps of Engineers levee raise project has begun for the Armourdale Area	Owner of Dam – UG Urban Planning and KS Dept of AG	Cost: Staff Time
				Plans are reviewed as received		Funds: Individual owner
						Completion Date: 6 months after start of plan