

7.15 Town of Milliken

Based on the Town of Milliken 2015 Comprehensive Plan update, the Town’s vision is “*founded on the premise that the vitality and future growth of the Town and the quality of life of its residents are dependent upon the balancing of multiple contributing factors.*”

These contributing factors were used to create guiding principles, which serve as a framework for organizing planning and recommended actions for implementation in the community.

The Town’s guiding principles are as follows:

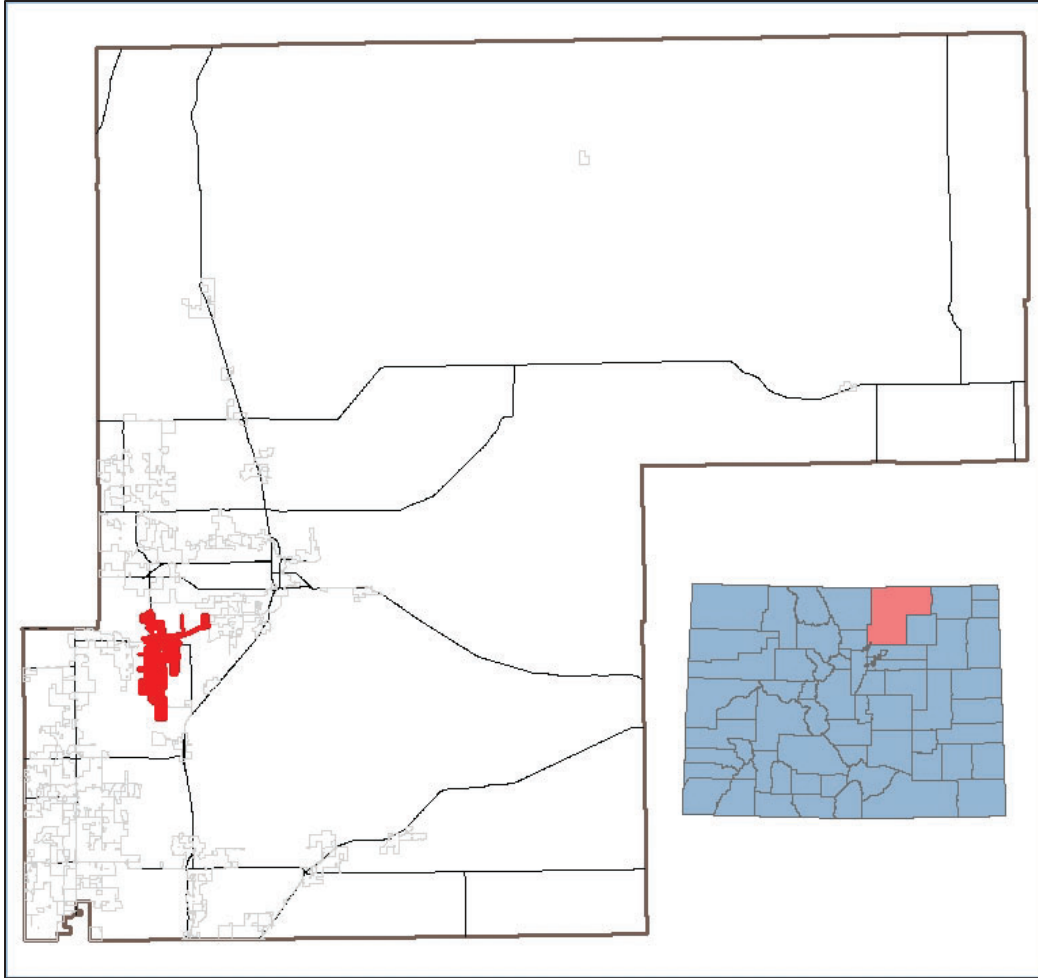
- A strong, diversified economic base
- A vibrant downtown that functions as the heart of the community
- A complete and highly accessible system of parks, open space, trails, and recreational opportunities
- A distinct community identity that reflects Milliken’s cultural, archaeological, historical, and agricultural resources
- A fiscally sustainable pattern of development
- A diverse mix of housing types to meet the needs of residents of all ages, incomes, and abilities
- A safe and disaster resilient community

The Town recently conducted its own *Town of Milliken Risk Assessment – Planning for Hazards Implementation Project (November 2018)*. Readers are encouraged to reference this document in addition to the content contained in this updated HMP.

7.15.1 Community Profile

Milliken is approximately 5.7 square miles with no large bodies of water. The Town is primarily a farming community and sits six miles east of Interstate 25 in the western part of Weld County between the Town of Mead and the City of Greeley.

Agricultural uses make up a large portion of the overall land use mix in the Town. Much of Milliken’s planning area is part of a single Planned Unit Development (PUD)—the Centennial Master Plan—that is being developed incrementally over time. Some portions of the original PUD have been rezoned from industrial to multifamily residential use.



The table below summarizes key demographic and development related characteristics of the Town of Milliken.

Table 178. Town of Milliken Demographics

Milliken	Colorado	
8,164	5,758,736	Population, 2019
45.4%	14.5%	Population, % change April 1, 2010 to July 1, 2019
4.9%	5.8%	% Population under 5 years, 2019
28.6%	21.9%	% Population under 19 years, 2019
8.3%	14.6%	% Population 65 years and over, 2019
87.8%	64.9%	Homeownership Rate, 2019
2.79	2.56	Persons Per Household, 2019
\$72,101	\$68,811	Median Household Income, 2014- 2018
5.6%	9.3%	Persons below poverty level, %, 2014- 2018
5.2%	7.3%	% Population under 65 years, with a disability 2014-2018
11.7%	17%	Language other than English spoken at home, % age 5+, 2014- 2018

Source: US Census Bureau

7.15.2 Risk and Vulnerability Assessment

Table 179 summarizes the results of the RF ranking exercise performed by the Town of Milliken. The results represent the relative risk of different hazards across the municipality from the perspective of local stakeholders and subject matter experts. Note the final RF Ranking values in this table include the weighting factors detailed in the Risk Assessment chapter of this Plan.

Table 179. Risk Factor Results for Milliken

Hazard	Probability	Impact	Spatial Extent	Warning Time	Duration	RF Ranking
Agricultural Hazards	2	2	2	1	2	1.9
Cyber Hazards	1	2	4	4	3	2.4
Drought	4	3	4	1	4	3.4
Earthquake	1	1	1	1	1	1.0
Extreme Temps.	2	2	3	1	2	2.1
Flood	4	4	2	4	4	3.6
Hazmat Release	3	3	2	4	2	2.8
Land Subsidence	1	1	1	1	1	1.0
Prairie Fire	3	1	2	4	1	2.1
Public Health Hazards	2	1	2	1	4	1.8
Severe Storms	3	2	2	4	1	2.4
Tornado & Wind	2	2	2	4	4	2.4

The conclusions drawn from the qualitative assessment are organized into three categories shown in the following table and provide a summary of hazard risk for Milliken as a whole - based on High, Moderate, or Low risk designations. This process helped frame ongoing planning discussions around local and regional hazard risks and assisted with the development of the Plan's updated mitigation strategy.

Table 180. Hazard Risk Conclusions for Milliken

HIGH RISK (2.5 or higher)	Drought, Flood, Hazmat Release
MODERATE RISK (2.0 – 2.4)	Cyber Hazards, Extreme Temperatures, Prairie Fire, Severe Storms, Tornado & Straight-Line Wind
LOW RISK (1.9 or lower)	Agricultural Hazards, Earthquake, Land Subsidence, Public Health Hazards

Since the 2016 Plan, the Town has increased the assessed risk from drought and hazmat release to High Risk (both formerly Moderate). Milliken decreased its risk assessment for land subsidence to be Low Risk (formerly Moderate). The Town also reduced assessed risk for prairie fire, severe storm, and tornado & straight-line wind to be Moderate (all previously High). Public health hazards, previously a Low Risk, are now considered High. Besides the newly added hazards of agricultural hazards and cyber hazards, all other risk rankings remain the same.

The following sections highlight the Town of Milliken's High Risk hazards and include any specific content relevant to the Town. They are intended to supplement information included in each hazard profile in the main body of this Plan.

7.15.2.1 Drought

The community vulnerability to drought is not noticeably different from the rest of the County. Those communities whose economies are more dependent on the agriculture industry do experience higher risk to this hazard. There are no previous events to document specific to the Town of Milliken. Future occurrences are expected to mirror that of the County. Refer to Chapter 5 – Risk Assessment of this Plan for additional details.

7.15.2.2 Flood (including Dam & Levee Failure)

Flood is a very localized hazard and vulnerability is unique for each municipality. There are no previous events to document specific to Milliken.

The Town of Milliken's overall vulnerability to flood is significantly different from the rest of the County. Milliken has 1 address points located in the Special Flood Hazard Area (SFHA). This equates to 0.03% of all address points for the Town, as compared to 1.6% of Countywide addresses located in the SFHA.

Flood events can also occur as a result of dam or levee failure. In these cases, flood waters may not follow the typical floodplains mapped as the SFHA.

The Town of Milliken's overall vulnerability to flooding in dam inundation areas is not noticeably different from the rest of the County. Milliken has 22 address points located in these dam inundation areas. This equates to 0.6% of all address points for the Town, as compared to 1.0% of Countywide addresses located in these areas.

Additionally, the Town is the first jurisdiction downstream from six dams. Three of these have a hazard classification of Significant or High, but only two currently have Emergency Action Plans (EAPs). Additional information pertaining to dams can be referenced at the State's Dam Safety website: <https://dwr.state.co.us/Tools/DamSafety/Dams>.

The Town's overall vulnerability to flooding in areas protected by known levees is substantially different from the rest of the County. Milliken has no address points located in these levee protected areas. This is compared to 1.6% of Countywide addresses located in these areas.

It is important to note that this analysis is only as good as best available data allows. Current floodplains, dam inundation areas, and areas protected by levees may not currently map all hazard areas. Additionally, mapped hazard areas may be dated and in need of updated mapping and analysis.

Future occurrences are expected to mirror that of the County. Refer to Chapter 5 – Risk Assessment of this Plan for additional details.

7.15.2.3 Hazmat Release

Vulnerability to hazmat release is increased, mainly due to railroads spanning across the Town of Milliken which present their own increased risk for hazmat release. As is true for the entire County, the presence of any businesses that store hazardous materials also increases the risk for these types of events.

Based on data supplied by the Pipeline and Hazardous Materials Safety Administration's (PHMSA) Incident Reports Database, seven events that have occurred within Milliken between 1991 and 2019. These events were due to overfilling and spillage caused by improper transport preparation. Future occurrences are expected to mirror that of the County. Refer to Chapter 5 – Risk Assessment of this Plan for additional details.

7.15.3 Capabilities Assessment

The capability assessment examines the ability of the Town of Milliken to implement and manage the comprehensive mitigation strategy laid out in this Plan. The strengths, weaknesses, and resources of the community are identified here as a means for evaluating and maintaining effective and appropriate management of the Town's hazard mitigation program.

Planning and regulatory capabilities are powerful tools for implementing hazard mitigation. The Town currently utilizes or has implemented many of these capabilities shown in Table 181. It is important for all municipalities to regularly review each of these tools, to identify opportunities for further risk reduction efforts.

Table 181. Planning & Regulatory Capabilities

Mitigation Capability	Utilized?	Comments
Comprehensive, Master, or General Plan	Yes	
Capital Improvement Program or Plan (CIP)	Yes	
Floodplain Management Plan	Yes	
Stormwater Program / Plan	Yes	
Community Wildfire Protection Plan (CWPP)	No	
Erosion / Sediment Control Program	No	
Economic Development Plan	No	
Other:	No	
Building Codes (Year)	Yes	2018
Site Plan Review Requirements	Yes	
Other:	No	
Zoning Ordinance (Land Use)	Yes	
Subdivision Ordinance	Yes	
National Flood Insurance Program (NFIP) Participant	Yes	
Flood Insurance Study / Flood Insurance Rate Map / DFIRM	Yes	
Floodplain Ordinance	Yes	
Elevation Certificates for Floodplain Development	Yes	
Community Rating System (CRS) Participant	No	
Open Space / Conservation Program	Yes	
Growth Management Ordinance	No	
Stormwater Ordinance	No	
Other Hazard Ordinance (steep slope, wildfire, snow loads, etc.)	No	
Other:	No	

WELD COUNTY 2021 MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN

Available resources including staff, municipal groups, and technology are all vital for a community to be able to implement hazard mitigation. Milliken is fortunate to have most all of these capabilities identified in Table 182.

Table 182. Administrative & Technical Capabilities

Mitigation Capability	Utilized?	Comments
Planning Commission	Yes	
Mitigation Planning Committee	No	
Maintenance Programs (tree trimming, clearing drainage, etc.)	Yes	
Emergency Manager	Yes	
Building Official	Yes	3rd Party BO - ProCode
Floodplain Administrator	Yes	
Community Planner	Yes	
Transportation Planner	No	
Civil Engineer	Yes	3rd Party Engineer
GIS Capability	No	Priority for the 2021 Budget
Resiliency Planner	No	
Other:	No	
Warning Systems / Services (flood)	No	
Warning Systems / Services (other / multi hazard)	Yes	Tornado Sirens
Grant Writing / Management	Yes	Existing Staff
Other:	No	

The ability of a community to implement a comprehensive mitigation strategy is largely dependent on available funding. These related municipal capabilities are outlined in Table 183 and show that Milliken utilizes a broad range of financial tools that can support mitigation activities.

Table 183. Financial Capabilities

Mitigation Capability	Utilized?	Comments
Levy for Specific Purposes with Voter Approval	Yes	
Utilities Fees	Yes	
System Development / Impact Development Fee	Yes	
General Obligation Bonds to Incur Debt	Yes	
Special Tax Bonds to Incur Debt	Yes	
Open Space / Conservation Fund	Yes	
Stormwater Utility Fees	Yes	
Capital Improvement Project Funding	Yes	

Mitigation Capability	Utilized?	Comments
Community Development Block Grants (CDBG)	Yes	
Withheld spending in hazard-prone areas	No	
Other:	No	

Education and outreach are important capabilities that allow a community to continue the conversation with their public regarding hazard risk and opportunities to mitigate. Table 184 shows that Milliken could benefit by expanding upon these capabilities.

Table 184. Education & Outreach Capabilities

Mitigation Capability	Utilized?	Comments
Public Hazard Education / Outreach Program	No	
Local Citizen Groups That Communicate Hazard Risks	No	
Firewise	No	
NOAA StormReady Program	No	
Other:	No	

7.15.4 Integrating Hazard Mitigation into Local Planning

Near term, Milliken is in the process of securing grants to update our Comprehensive Plan beginning in early 2022. Part of the grant application requires us to demonstrate how risk / vulnerability planning will be included in the update. We are looking forward to utilizing the HMP as part of this update. Milliken also participated as one of two selected communities for DOLA's pilot project "Planning for Hazards" completed in 2019. The result of that effort were significant changes to the landscape section of the Municipal Code incorporating best practices for flood and drought mitigation.

The updated Comp Plan in 2022 will include recommendations for further land use code (including zoning and subdivision regulations) revisions to implement the goals of the HMP, which will be a valuable asset for guiding these updates. The Town has adopted a Floodplain ordinance which is based on the model FEMA ordinance, and we have been actively participating with the State in their recent proposed floodplain rule changes. We anticipate additional revision to the Floodplain section of the Municipal Code once those rules are approved by the State.

Long term we anticipate that the revised Comp Plan may include requests for Capital Improvements. Currently the Town is continuing to build on Capital storm water improvement projects initiated after the 2013 flood and completed in 2020. The redesign of the Josephine stormwater area included a regional (basin) study and improvements to address those stormwaters. The Town is currently studying an additional area of the Town for additional storm water improvements.

7.15.5 Mitigation Actions

The new mitigation action identified by the Town during the Plan update is included in Table 185. Three actions from the 2016 Plan have been carried over into the Town's updated mitigation strategy.

Table 185. 2021 Mitigation Actions

WELD COUNTY 2021 MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN

ID	Organization	Action
2021-77	1-Milliken	Convert acquired land and property in the floodplain to Open Space
2021-78	2-Milliken	Procurement and Installation of Tornado Sirens
2021-79	3-Milliken	Storm Water Improvements Throughout Milliken
2021-80	4-Milliken	Community Impact Study -Vulnerable Populations-Shelter Capabilities Planning