

# Appendix B

## Public Meeting Materials and Worksheets

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## Example of Community Profile with Questions

### COMMUNITY PROFILE

# VILLAGE OF WESTERN

#### Little Blue NRD and Lower Big Blue NRD Hazard Mitigation Plan 2021

Name(s): \_\_\_\_\_

Date: \_\_\_\_\_

*Please answer the questions in red italics. Your responses are critical for completing this Community Profile. If you are unsure of any questions, think of who could supply the information - please provide their name and position in the community.*

*Worksheets Due By:* \_\_\_\_\_

*Completed Community Profiles and other worksheets can be returned to Brooke Seachord, JEO Planner at: 2700 Fletcher Avenue, Lincoln, NE 68504 or bseachord@jeo.com. If you have any questions, please call 402-474-8741.*

SECTION SEVEN: VILLAGE OF WESTERN COMMUNITY PROFILE

## Local Planning Team

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Table WES.1: Village of Western Local Planning Team

Name	Title	Jurisdiction

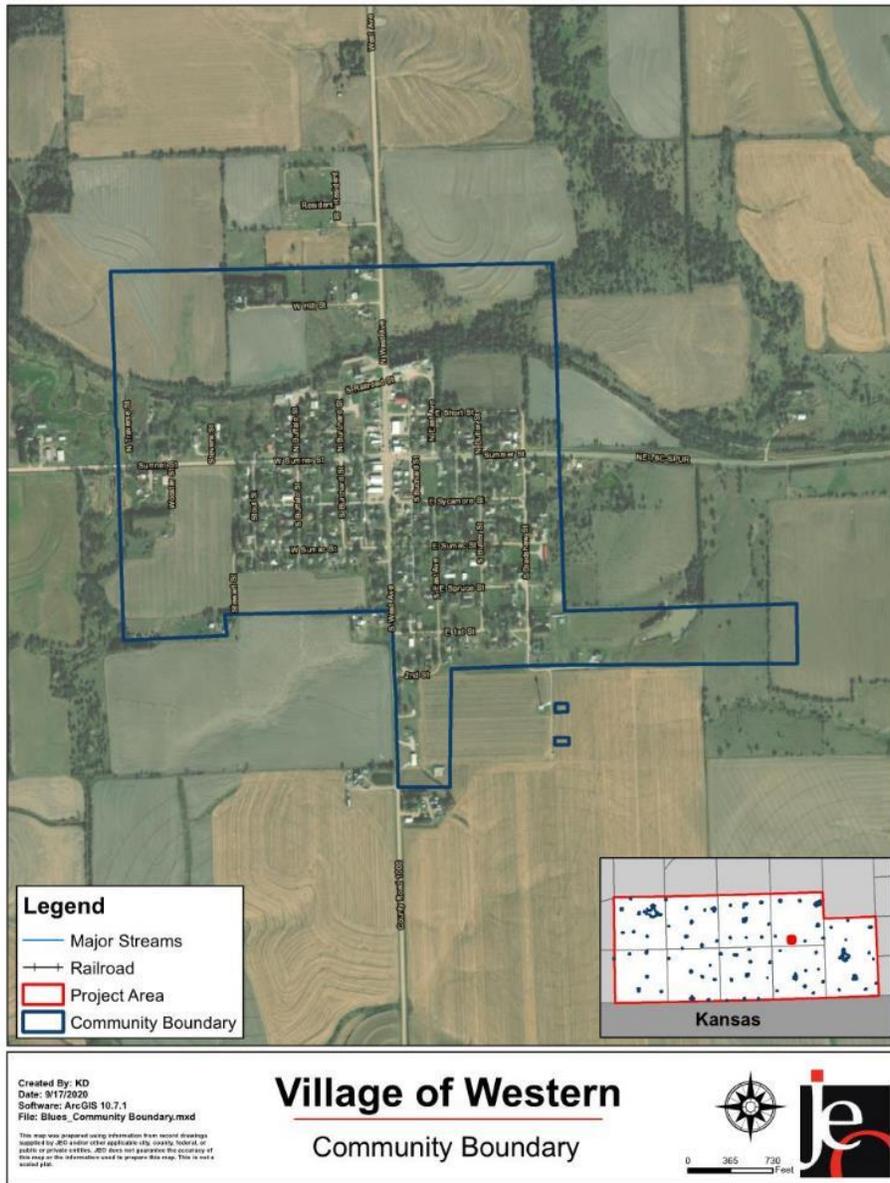
## Location and Geography

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The Village of Western is located in the south central portion of Saline County. The Village of Western covers an area of 0.49 square miles. There are no major waterways within the area. The area is not heavily forested. The village lies in the plains topographic region and is surrounded by agricultural fields.

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Figure WES.1: Village of Western Jurisdictional Boundary



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## Transportation

Western's major transportation corridors include spur 76C runs east-west, to connect Western to County Road 15. S76C accommodates on average 500 vehicles per day, 45 of which are heavy commercial vehicles. Western does not have any rail lines. This information is important to hazard mitigation plans insofar as it suggests possible evacuation corridors in the community, as well as areas more at risk to transportation incidents.

*In the 2016 HMP, county spur road 76C was identified as a route of top concern for the community. Is this still of top concern? What other routes are also of concern?*

*Are chemicals regularly transported along local routes? If yes, which chemicals and which routes?*

*Were there significant transportation events/spills that occurred locally? Please describe the impacts.*

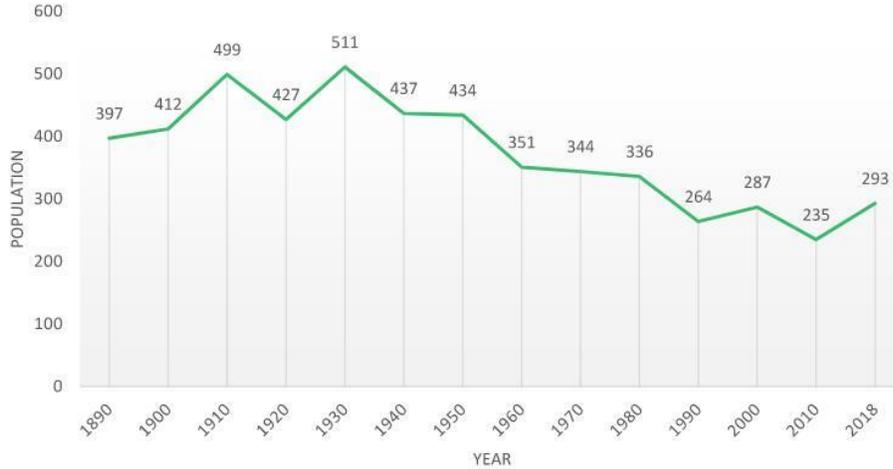
*Are critical facilities located along main transportation routes? Which ones and where?*

## Demographics

The following figure displays the historical population trend from 1890 to 2018 (estimated). This figure indicates that the population of Western has been relatively stable over the past century with a slight decline starting in the 1950s. This is notable for hazard mitigation because communities with declining population may also have a higher level of unoccupied housing that is not being up kept. Furthermore, areas with declining population may be less prone to pursuing residential/commercial development in their areas, which may reduce the number of structures vulnerable to hazards in the future. Decreasing populations can also represent decreasing tax revenue for the community which could make implementation of mitigation actions more fiscally challenging. The village's population accounted for 2% of Saline County's Population in 2018.

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Figure WES.2: Western Population 1890-2018



Source: U.S. Census Bureau<sup>1</sup>

The young, elderly, minorities, and poor may be more vulnerable to certain hazards than other groups. In comparison to the County, Western’s population was:

- **Older.** The median age of Western was 45.9 years old in 2018, compared with the County average of 35.8 years. Western’s population has grown younger since 2010, when the median age was 47.4 years old. Western had a smaller proportion of people under 20 years old (23.5%) than the County (29.9%).<sup>2</sup>
- **More ethnically diverse.** In 2010, about 1% of Western’s population was Asian and 4% was other races. By 2018, only 2% of Western’s population was two or more races. During that time, Saline County had 1% Black, 2% to 3% Asian, 13% to 5% other races, and 2% to 3% two or more races from 2010 to 2018 respectively.<sup>3</sup>
- **Less likely to be at the federal poverty line.** The poverty rate of all persons in Western (6.5%) was smaller than the County (13.5%) in 2018.<sup>4</sup>

## Employment and Economics

The community’s economic base is a mixture of industries. In comparison to Saline County, Western’s economy had:

- **Varied mix of industries.** Employment sectors accounting for 10% or more of employment in Western included Manufacturing, Retail, Transportation, Education, and other services. While industries in Saline County included Manufacturing, Retail, and Education.<sup>5</sup>

<sup>1</sup> United States Census Bureau. "2018 American Fact Finder: S0101: Age and Sex." [database file]  
<sup>2</sup> United States Census Bureau. "2018 American Fact Finder: S0101: Age and Sex." [database file]  
<sup>3</sup> United States Census Bureau. "2018 American Fact Finder: DP05: ACS Demographic and Housing Estimates." [database file]  
<sup>4</sup> United States Census Bureau. "2018 American Fact Finder: DP03: Selected Economic Characteristics." [database file]  
<sup>5</sup> United States Census Bureau. "2018 American Fact Finder: DP03: Selected Economic Characteristics." [database file]

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- **Lower household income.** Western's median household income in 2018 (\$46,500) was about \$4,600 less than the County (\$51,143).<sup>6</sup>
- **Fewer long-distance commuters.** About 43.7% percent of workers in Western commuted for fewer than 15 minutes, compared with about 51.5% of workers in Saline County. About 24.2% of workers in Western commute 30 minutes or more to work, compared to about 28.5% of the County workers.<sup>7</sup>

## Major Employers

*Who are the major employers in the community?*

*Approximately what percentage of residents commute to other communities for work? To where?*

## Housing

In comparison to the Saline County, Western's housing stock was:<sup>8</sup>

- **More owner occupied.** About 81.0% of occupied housing units in Western are owner occupied compared with 69.7% of occupied housing in Saline County in 2018.
- **Larger share of aged housing stock.** Western has more houses built prior to 1970 than the county (71.2% compared to 53.9%).
- **Fewer multi-family homes.** The predominant housing type in the village is single family detached and Western contains fewer multifamily housing with five or more units per structure than the County (0.0% compared to 7.1%). About 97.3% of housing in Western was single-family detached, compared with 80.8% of the County's housing. Western has a smaller share of mobile and manufactured housing (2.7%) compared to the County (5.4%).

This housing information is relevant to hazard mitigation insofar as the age of housing may indicate which housing units were built prior to state building codes being developed. Further, unoccupied housing may suggest that future development may be less likely to occur. Finally, communities with a substantial number of mobile homes may be more vulnerable to the impacts of high winds, tornadoes, and severe winter storms.

*Where are mobile and manufactured houses located within the community?*

## Future Development Trends

Since 2011, five structures have been built in Western: a fire hall, a body shop, an office/garage, and construction business, and a garage/shop. None of these structures were built in a floodplain

<sup>6</sup> United States Census Bureau. "2018 American Fact Finder: DP03: Selected Economic Characteristics." [database file]

<sup>7</sup> United States Census Bureau. "2018 American Fact Finder: S0802: Means of Transportation to Work by Selected Characteristics." [database file]

<sup>8</sup> United States Census Bureau. "2018 American Fact Finder: DP04: Selected Housing Characteristics." [database file]

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or other hazardous area. Three new structures – garages and storage units – are expected to be built, in the northwest and southeast parts of town, by 2020.

*What has changed over the past five years (since 2016)? (For example: new housing or businesses? Demolished buildings? New roads or areas of improvements?)*

*Were any new structures developed in the floodplain or other hazardous areas (For example, near chemical sites, dam or levee inundation areas, etc.)? If so, what types of structures and where were they developed?*

*According to the census data, Western's population is declining. What factors are contributing to this?*

*Are there any new housing developments planned for the next five years? Where?*

*Any new businesses or industry planned for the next five years? Where?*

*Describe how hazard mitigation principles have been considered in new development (e.g. safe rooms, updating/adding building codes, backup generators, etc.)*

*Has the future land use map been updated since the 2016 HMP?*

## Parcel Improvements and Valuation

GIS parcel data as of December 2019 was requested from GIS Workshop, which the county hires to manage the County Assessor data. This data was analyzed for the location, number, and value of property improvements at the parcel level. The data did not contain the number of structures on each parcel. A summary of the results of this analysis is provided in the following table.

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*Data to be included at a later date.*

**Table WES.3: Western Parcel Valuation**

Number of Parcels	Number of Improvements	Total Improvement Value	Number of Improvements in Floodplain	Percent of Improvements in Floodplain	Value of Improvements in Floodplain

Source: County Assessor, GIS Workshop

## Community Lifelines

### Hazardous Materials – Chemical Storage Fixed Sites

According to the Tier II System reports submitted to the Nebraska Department of Environment and Energy, there is one chemical storage site throughout Western which houses hazardous materials. In the event of a chemical spill, the local fire department and emergency response may be the first to respond to the incident.

*Besides the facilities below, are there other chemical storage facilities of concern in or near your community?*

*What concerns exist for fixed chemical spills? What roads or facilities are at risk if spills occurred?*

*Are critical facilities located near chemical fixed sites? Which facilities?*

*Are vulnerable populations located near chemical fixed sites? Where?*

*What chemical spill events have occurred locally? Please describe their impacts.*

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**Table WES.2: Chemical Storage Fixed Sites**

Facility Name	Address	Located in Floodplain?
Farmers Cooperative South NH3	2234 State Highway 15	N

Source: Nebraska Department of Environment and Energy<sup>9</sup>

**Critical Facilities**

Each participating jurisdiction identified critical facilities vital for disaster response, providing shelter to the public, and essential for returning the jurisdiction's functions to normal during and after a disaster per the FEMA Community Lifelines guidance. Critical facilities were identified during the original planning process and updated by the local planning team as a part of this plan update.

The following table and figure provide a summary of the critical facilities for the jurisdiction.

*The table below lists critical facilities identified in the 2016 HMP. Please update and provide the type, name and address of critical facilities in your jurisdiction. Please list if these facilities have a generator or are shelter locations if known.*

*Critical facilities should be identified based on the seven Community Lifelines as identified by FEMA: Safety and Security; Food, Water, and Shelter; Health and Medical; Energy; Communications; Transportation; and Hazardous Materials. These can include: municipal buildings, pumping stations, water towers, wells, pwer/water/wastewater plants, community halls, schools, police/fire departments, hospitals, etc.*

**Table WES.4: Western Critical Facilities**

CF #	Type of Lifeline	Name	Address	Shelter (Y/N)	Generator (Y/N)	Located in Floodplain (Y/N)
1	Safety and Security	Fire Hall				
2	Food, Water, and Shelter	Wastewater Treatment plant				
3	Food, Water, and Shelter	Water Tower				
4	Safety and Security	Old Fire Hall Storage				
5	Safety and Security	City Maintenance				
6	Food, Water, and Shelter	Lift Station				
7	Food, Water, and Shelter	Lift Station				
8	Food, Water, and Shelter	Old School Gym				
9	Transportation	Saline County Area Transit				

<sup>9</sup> Nebraska Department of Environment and Energy. "Search Tier II Data." August 2020.

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CF #	Type of Lifeline	Name	Address	Shelter (Y/N)	Generator (Y/N)	Located in Floodplain (Y/N)
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						



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## Historical Occurrences

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See the Saline County community profile for historical hazard events.

## Hazard Prioritization

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For additional discussion regarding area-wide hazards, please see *Section Four: Risk Assessment*. The hazards discussed in detail below were selected by the local planning team from the regional hazard list as the relevant hazards for the jurisdiction. The selected hazards were prioritized by the local planning team based on historical hazard occurrences, potential impacts, and the community's capabilities.

***Please review the following section and answer the provided questions. Note that reported data in the following paragraphs is from the 2016 plan and does not reflect new data available through 2020.***

### Grass/Wildfire

State Conservation Resource Program (CRP) ground is located near the village, which poses a fire concern, in that the fire department may not be able to respond to a grassfire soon enough to prevent a major fire, and in that the resources available may not be enough to control the fire. No significant grassfire events have been reported in recent years.

The fire department has 25 volunteers, five of which are EMTs. The community does not have a Wildland Urban Interface Code, and property owners are not required to have defensible space around structures. There are no incentive programs for landowners to use ignition-resistant construction materials.

To mitigate this hazard, the village plans to make improvements to village wells and water supply and improve emergency rescue and response equipment and facilities.

***Is this hazard still of concern for your community? (circle one)      Yes      No***  
***If no, please skip the following questions.***

***Have there been any changes since the last plan?***

***Why is this hazard of top concern for your jurisdiction? Please describe your risk or concerns related to this hazard.***

***Please describe past events and their impacts on the jurisdiction.***

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*What actions or projects are currently planned to reduce your risk or improve your response to this hazard?*

*What actions or projects are needed in the future to reduce your risk or improve your response to this hazard?*

**Hazardous Materials**

There's a natural gas line north and south of town, anhydrous ammonia plants one mile east and one mile south of town, and a gas station in town. The fire hall and sewer plant are located within one block of the gas station. There are vulnerable populations located near these fixed sites. No significant chemical spills have occurred locally in recent years.

It is unknown whether residents near these sites are educated about the threat of a spill, and the appropriate response in case of a spill. Western Fire and Rescue, and Saline County Emergency Management are the local response resources, and they have protective gear and training.

To mitigate this hazard, the village plans to improve emergency rescue and response equipment and facilities and clean up buildings that contain hazardous materials.

*Is this hazard still of concern for your community? (circle one)      Yes      No*  
*If no, please skip the following questions.*

*Have there been any changes since the last plan?*

*Why is this hazard of top concern for your jurisdiction? Please describe your risk or concerns related to this hazard.*

*Please describe past events and their impacts on the jurisdiction.*

*What actions or projects are currently planned to reduce your risk or improve your response to this hazard?*

*What actions or projects are needed in the future to reduce your risk or improve your response to this hazard?*

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**Severe Thunderstorms (includes Hail)**

Western is prone to hailstorms and has experienced several hailstorms with at least quarter-inch hail in the past several years. The village's main concerns from this hazard are power outages and the ability to make temporary repairs, as there is no nearby lumber yard.

The fire department is constructed with hail resistant building materials, and municipal facilities are insured against hail damage. The town does not have a tree board. It is not known whether residents receive information regarding hail resistant building materials.

*Is this hazard still of concern for your community? (circle one)      Yes      No*  
*If no, please skip the following questions.*

*Have there been any changes since the last plan?*

*Why is this hazard of top concern for your jurisdiction? Please describe your risk or concerns related to this hazard.*

*Please describe past events and their impacts on the jurisdiction.*

*What actions or projects are currently planned to reduce your risk or improve your response to this hazard?*

*What actions or projects are needed in the future to reduce your risk or improve your response to this hazard?*

**Severe Winter Storms**

Saline County has experienced many severe winter storms in recent years, including in Western. A storm on December 19, 2012 closed streets and required the city to enlist the help of farmers with snow removal. The main concerns for this hazard in Western are power failures, disruptions to utilities, impedances to travel and emergency services, and inadequate snow removal equipment. No structural damage to facilities has occurred in recent years from winter storms.

The village owns a small maintainer, and another vehicle with a bucket and blade, and the village maintenance department is in charge of snow removal. These resources are sometimes not sufficient for snow removal. The village does utilize snow fences, on the south well. There are no designated snow routes in town. None of the power lines in town are buried.

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To mitigate this hazard, the village plans to obtain backup power generators, and improve emergency rescue and response equipment and facilities.

**Is this hazard still of concern for your community? (circle one)**      **Yes**      **No**  
**If no, please skip the following questions.**

**Have there been any changes since the last plan?**

**Why is this hazard of top concern for your jurisdiction? Please describe your risk or concerns related to this hazard.**

**Please describe past events and their impacts on the jurisdiction.**

**What actions or projects are currently planned to reduce your risk or improve your response to this hazard?**

**What actions or projects are needed in the future to reduce your risk or improve your response to this hazard?**

**Tornadoes and High Winds**

Western has a history of experiencing damaging tornados in recent years. Most notable is the May 22, 2004, long-tracked F-4 southern Nebraska tornado, which did \$160 million in damage, killed one person and injured 30 in Hallam, and injured 8 more people as it struck near Western at F-2 strength. \$20 million of the damage total was done near Western. The village's main concern about tornados is public safety, emergency response, and damage to utilities. Critical facilities in the town itself have not recently experienced tornado damage.

The city does not have a community safe room, so residents must rely on their own or a neighbor's basement or storm shelter for safety. The village does not backup its electronic municipal records. Saline County does offer text alerts for severe weather. The village does not promote emergency preparedness in the community. The village has mutual aid agreements in place with several other local towns, including Tobias, Swanton, Wilber, Daykin, and Fairbury, and with 3 & 33.

To mitigate this hazard, the village plans to construct a community storm shelter or safe room, obtain an additional outdoor warning siren, obtain backup power generators, improve emergency rescue and response equipment and facilities, and institute a village tree-trimming program.

**Is this hazard still of concern for your community? (circle one)**      **Yes**      **No**

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*If no, please skip the following questions.*

*Have there been any changes since the last plan?*

*Why is this hazard of top concern for your jurisdiction? Please describe your risk or concerns related to this hazard.*

*Please describe past events and their impacts on the jurisdiction.*

*What actions or projects are currently planned to reduce your risk or improve your response to this hazard?*

*What actions or projects are needed in the future to reduce your risk or improve your response to this hazard?*

**The following hazards are evaluated in the regional Hazard Mitigation Plan. From this list, please circle any other hazards which your community is pursuing mitigation efforts for. If top concerns are already identified for your community, please skip this section.**

- Agricultural Plant and Animal Disease
- Dam Failure
- Drought and Extreme Heat
- Earthquakes
- Flooding
- Grass/Wildfire
- Hazardous Materials
- Levee Failure
- Public Health Emergency
- Severe Thunderstorms
- Severe Winter Storms
- Terrorism
- Tornadoes and High Winds

*In the space below please provide a description for additional hazards including past event descriptions, injuries, fatalities, property/crop damages, and current or future mitigation efforts.*

**Hazard:** \_\_\_\_\_

**Justification:**

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## Governance

A community's governance indicates the number of boards or offices that may be available to help implement hazard mitigation actions. Western has a number of offices or departments that may be involved in implementing hazard mitigation initiatives. The village has a five member council and the following offices: clerk/treasurer, attorney, utility superintendent, chief of police, fire chief, sewage plant operator, and street/water commissioner.

*Please list any additional county offices, departments, or committees in the County which would assist with hazard mitigation related activities:*

## Capabilities

The capability assessment consisted of a review of local existing policies, regulations, plans, and programs with hazard mitigation capabilities. The following tables summarize the jurisdiction's planning and regulatory capability; administrative and technical capability; fiscal capability; educational and outreach capability; and overall capability to implement mitigation projects.

*What grants have you applied for in the last five years?*

*Please list which grants your community has been awarded.*

*Are municipal funds sufficient to pursue new capital projects or are they limited to maintaining current facilities and systems?*

*Are a large portion of funds already dedicated to a specific project? If yes which project?*

*Has the amount of municipal funds increased, decreased, or stayed the same over recent years?*

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*Please check the right column in the following table for your community. The table includes responses from the 2016 HMP. If there have been changes or updates, please cross out the answer and provide the updated answer and date.*

**Table WES.13: Capability Assessment**

Survey Components		Yes/No	Date of Last Update
Planning & Regulatory Capability	Comprehensive Plan	No	
	Capital Improvements Plan	No	
	Economic Development Plan	Yes	
	Local Emergency Operational Plan	County	
	Floodplain Ordinance	No	
	Zoning Ordinance	No	
	Subdivision Regulation/Ordinance	No	
	Building Codes	No	
	Floodplain Management Plan	No	
	Storm Water Management Plan	No	
	National Flood Insurance Program	No	
	Community Rating System	No	
Other (if any)			
Administrative & Technical Capability	Planning Commission	No	
	Floodplain Administration	No	
	GIS Capabilities	No	
	Chief Building Official	No	
	Civil Engineering	No	
	Local Staff Who Can Assess Community's Vulnerability to Hazards	Yes	
	Grant Manager	No	
	Mutual Aid Agreement		
	Other (if any)		
Fiscal Capability	1 & 6 Year Plan	No	
	Applied for grants in the past		
	Awarded a grant in the past		
	Authority to Levy Taxes for Specific Purposes such as Mitigation Projects	No	
	Gas/Electric Service Fees	No	
	Storm Water Service Fees	No	
	Water/Sewer Service Fees	No	
	Development Impact Fees	No	
	General Obligation Revenue or Special Tax Bonds	No	
Other (if any)			
Education and Outreach	Local citizen groups or non-profit organizations focused on environmental protection, emergency preparedness, access	No	

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	and functional needs populations, etc. Ex. CERT Teams, Red Cross, etc.		
	Ongoing public education or information program (e.g., responsible water use, fire safety, household preparedness, environmental education)	No	
	Natural Disaster or Safety related school programs	No	
	StormReady Certification	No	
	Firewise Communities Certification	No	
	Tree City USA	No	
	Other (if any)		

*Please rate your jurisdiction’s overall capability in the following ways (Limited, Moderate, or High)*

Table WES.14: Overall Capability

Overall Capability	Limited/Moderate/High
Financial Resources Needed to Implement Mitigation Projects	
Staff/Expertise to Implement Projects	
Community Support to Implement Projects	
Time to Devote to Hazard Mitigation	

## Plan Integration

*The following Plan Integration section is from the 2016 HMP. What plan updates have occurred since the last HMP?*

The village’s Hazard Mitigation Plan was completed in 2011. The Local Emergency Operations Plan (LEOP) for Western, which was last updated in 2013, is an annex of Saline County’s LEOP. It is an all-hazards plan that does not address specific natural and man-made disasters. It provides a clear assignment of responsibility in case of an emergency.

Also, the village is covered under the economic development plan (known as the Comprehensive Economic Development Strategy) for the South Central Economic Development District. The Strategy was completed in 2013. The Strategy was not available for review at the time of the writing of this plan. The village understands the need to integrate its economic planning with its hazard planning.

*What community plans currently incorporate hazards and mitigation right now? How do they incorporate hazards/mitigation?*

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*How will the community incorporate hazards and mitigation into other planning mechanisms in the future?*

## Plan Maintenance

Hazard Mitigation Plans should be living documents and updated regularly to reflect changes in hazard events, priorities, and mitigation actions. These updates are encouraged to occur after every major disaster event, alongside community planning documents (i.e. annual budgets and Capital Improvement Plans), during the fall before the HMA grant cycle begins, and/or prior to other funding opportunity cycles begin including CDBG, Water Sustainability Fund, Revolving State Fund, or other identified funding mechanisms.

*When was your community profile last reviewed by the local planning team?  
Date: \_\_\_\_\_*

*What revisions or changes were identified during the last review?*

*For your jurisdiction, what positions are responsible for reviewing and updating the community profile outside of the five year update?*

- *Position: \_\_\_\_\_*
- *Position: \_\_\_\_\_*
- *Position: \_\_\_\_\_*
- *Position: \_\_\_\_\_*

*Please indicate how frequently your jurisdiction intends to review/revise the profile. (circle one)*

*Every 6 months                      Annually                      Bi-annually*

*How will your jurisdiction notify and involve the public in the plan review and revision? (For example, social media, website updates, letters to all residents, board/council meetings, etc.)*

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## Mitigation Strategy

*Please review the following mitigation actions identified in the previous HMP and make any changes needed. Mark if each action has been completed, is in progress, or should be removed and describe the current status of the action.*

### Review of 2016 HMP Mitigation Actions

MITIGATION ACTION	BACKUP GENERATORS		
DESCRIPTION	Provide backup generators for the municipal well and fire department. Obtain an additional portable backup power generator, to be based at a location to be decided		
HAZARD(S)	All hazards		
ESTIMATED COST	\$40,000		
FUNDING	General Funds, HMGP, BRIC		
TIMELINE	2-5 years		
PRIORITY	High		
LEAD AGENCY	Village Board		
UPDATE (CIRCLE ONE)	Completed	Ongoing	Remove
STATUS	<i>What is the current status on this project?</i>		

MITIGATION ACTION	CIVIL SERVICE IMPROVEMENTS		
DESCRIPTION	Improve emergency rescue and response equipment and facilities by providing additional, or updating, existing emergency response equipment		
HAZARD(S)	All hazards		
ESTIMATED COST	\$200,000		
FUNDING	General Fund		
TIMELINE	2-5 years		
PRIORITY	High		
LEAD AGENCY	Village Board		
UPDATE (CIRCLE ONE)	Completed	Ongoing	Remove
STATUS	<i>What is the current status on this project?</i>		

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MITIGATION ACTION	CLEANUP OF HAZARDOUS WASTE		
DESCRIPTION	Cleanup of deteriorating buildings that contain hazardous materials		
HAZARD(S)	Hazardous Materials		
ESTIMATED COST	\$200,000		
FUNDING	General Fund, HMGP		
TIMELINE	1 year		
PRIORITY	High		
LEAD AGENCY	Village Board		
UPDATE (CIRCLE ONE)	Completed	Ongoing	Remove
STATUS	<i>What is the current status on this project? Where was clean up needed?</i>		

MITIGATION ACTION	OUTDOOR WARNING SIREN		
DESCRIPTION	Obtain an additional outdoor warning siren at 108 E. Sumer, and possibly a second location		
HAZARD(S)	All hazards		
ESTIMATED COST	\$10,000		
FUNDING	Tax Revenue, Western Fire & Rescue, HMGP		
TIMELINE	2-5 years		
PRIORITY	Medium		
LEAD AGENCY	Village Board, Fire and Rescue		
UPDATE (CIRCLE ONE)	Completed	Ongoing	Remove
STATUS	<i>What is the current status on this project?</i>		

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MITIGATION ACTION	STORM SHELTER OR SAFE ROOM		
DESCRIPTION	Construct a storm shelter or safe room for 10-20 people at 110 NE Avenue, in the new fire hall		
HAZARD(S)	Severe Thunderstorms, Severe Winter Storms, Tornadoes and High Winds		
ESTIMATED COST	\$175,000		
FUNDING	Tax Revenue, HMGP, BRIC		
TIMELINE	2-5 years		
PRIORITY	Medium		
LEAD AGENCY	Western Fire & Rescue, Saline County EMS, SCEMA		
UPDATE (CIRCLE ONE)	Completed	Ongoing	Remove
STATUS	<i>What is the current status on this project?</i>		

MITIGATION ACTION	TREE ASSISTANCE		
DESCRIPTION	Educate public on appropriate tree planting, and establish an annual tree-trimming program		
HAZARD(S)	Severe Thunderstorms, Severe Winter Storms, Tornadoes and High Winds		
ESTIMATED COST	\$3,000		
FUNDING	General Fund, HMA		
TIMELINE	2-5 years		
PRIORITY	Low		
LEAD AGENCY	Village Board		
UPDATE (CIRCLE ONE)	Completed	Ongoing	Remove
STATUS	<i>What is the current status on this project?</i>		

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MITIGATION ACTION	WATER SYSTEM IMPROVEMENTS		
DESCRIPTION	Make water system improvements to include additional fire hydrants, and increase supply and pressure		
HAZARD(S)	Grass/Wildfire		
ESTIMATED COST	\$10,000		
FUNDING	General Fund, HMA		
TIMELINE	2-5 years		
PRIORITY	Medium		
LEAD AGENCY	Village Board		
UPDATE (CIRCLE ONE)	Completed	Ongoing	Remove
STATUS	<i>What is the current status on this project?</i>		

MITIGATION ACTION	WELL IMPROVEMENTS		
DESCRIPTION	Improve community well system		
HAZARD(S)	Grass/Wildfire		
ESTIMATED COST	Varies by need		
FUNDING	General Fund, HMA		
TIMELINE	2-5 years		
PRIORITY	Medium		
LEAD AGENCY	Village Board		
UPDATE (CIRCLE ONE)	Completed	Ongoing	Remove
STATUS	<i>What is the current status on this project?</i>		

**Completed Mitigation Actions**

**New Mitigation Actions – 2020 Plan**

**Continued Mitigation Actions**

**Removed Mitigation Actions**

## Example of Plan Integration Worksheet



# LITTLE BLUE NRD AND LOWER BIG BLUE NRD HAZARD MITIGATION PLAN

## PLAN INTEGRATION WORKSHEET

JEO CONSULTING GROUP  
FEBRUARY 2021

Name(s): \_\_\_\_\_ Jurisdiction: \_\_\_\_\_

Workbook due March 31<sup>st</sup> to [bseachord@jeo.com](mailto:bseachord@jeo.com)

## INTRODUCTION

Thank you for participating in the Little Blue NRD and Lower Big Blue NRD Hazard Mitigation Plan.

The Hazard Mitigation Plan determines vulnerabilities to natural and human-caused hazards in your jurisdiction, then identifies mitigation projects to reduce or eliminate those vulnerabilities. An approved HMP is a requirement of the Federal Emergency Management Agency (FEMA) for jurisdictions to become eligible for Hazard Mitigation Assistance grants.

FEMA encourages communities to integrate their hazard mitigation plan with other planning mechanisms, such as their building codes, comprehensive plans, zoning ordinances, etc.

**This worksheet will identify the ways that other plans in your community are, or could be, aligned with hazard mitigation principles.** The information you provide will be used to develop the plan integration section of your jurisdictional profile.

**Please complete these worksheets and return them to JEO Consulting Group by March 31<sup>st</sup>, 2021.**

Email: bseachord@jeo.com

Phone: 816-529-5717

Fax: 402-435-4110

Mail: JEO Consulting Group  
Attn: Brooke Seachord  
11213 Davenport St Ste 200  
Omaha, Nebraska 68154

## STEP 1

Please complete the following table.

Which of these plans/ordinances does your jurisdiction have?

PLAN/ORDINANCE	YES/NO	YEAR OF MOST RECENT UPDATE
Comprehensive Plan		
Building Code		What IBC Edition is Adopted?
Zoning Ordinance/ Floodplain Ordinance/ Subdivision Regulations		
Capital Improvements Plan		
Other:		
Other:		

For any additional plans your community has, e.g. Drought Management Plan, Evacuation Plan, Stormwater Management Plan, etc., please send JEO a copy.

## STEP 2

For the plans/ordinances which your community has, please complete the relevant pages in this worksheet. **You do not have to complete the worksheets for plans/ordinances which your community does not have.**

## Comprehensive Plan

---

Does the comprehensive plan discuss natural hazards?  Yes  No

If yes, which hazards are discussed?

### Does your comprehensive plan:

Contain goals/objectives aimed at Safe Growth:  Yes  No  In future update

Limit density in areas adjacent to know hazardous areas:  Yes  No  In future update

Encourage infill development:  Yes  No  In future update

Encourage "clustering of development" in sensitive areas:  Yes  No  In future update

Identify areas that need emergency shelters:  Yes  No  In future update

Encourage preservation of open space in hazard-prone areas:  Yes  No  In future update

Is there a plan or timeline to update your comprehensive plan?  Yes  No

If yes, explain the plan or timeline.

How will you incorporate the information from the hazard mitigation plan into your next comprehensive plan? Please consider the items above and any other enhancements that you would like to include in future comprehensive plan updates.

## Building Code

---

If the building codes are based on the International Building Codes, what year/version is in effect?

Have you made any amendments to the Code? If yes, please describe.

## Zoning Ordinance / Floodplain Ordinance / Subdivision Regulations

Is there a plan or timeline to update your Zoning Ordinance / Floodplain Ordinance / Subdivision Regulations?

Yes  No

If yes, explain the plan or timeline.

### Do the Zoning Ordinance / Floodplain Regulations / Subdivision Regulations:

Discourage development in the floodplain?  Yes  No  In future update

Identify floodplain areas as parks or open space?  Yes  No  In future update

Require more than one foot of elevation above Base Flood Elevation in the floodplain?  
 Yes  No  In future update  
 If yes, by how much: \_\_\_\_\_

Prohibit development within the floodplain?  Yes  No  In future update

Prohibit filling of wetlands?  Yes  No  In future update

Discourage development near chemical storage sites?  Yes  No  In future update

Discourage development along major transportation routes?  Yes  No  In future update

Contain floodplain maps?  Yes  No  In future update

Encourage maintaining open space within the floodplain?  Yes  No  In future update

Limit development in the ETJ?  Yes  No  In future update

Consider wildfire and the wildland urban interface?  Yes  No  In future update

Limit population density in the floodplain?  Yes  No  In future update

Include well setback requirements?  Yes  No  In future update

Include the ability to implement water restrictions?  Yes  No  In future update

Are there regulations that provide for conservation subdivisions or cluster subdivisions in order to conserve environmental resources?  Yes  No  In future update

Do the subdivision regulations restrict subdivision of land within or adjacent to the floodplain?  
 Yes  No  In future update

## Capital Improvement Plan

---

Is there a plan or timeline to update your Capital Improvement Plan?  Yes  No

If yes, explain the plan or timeline.

### Does the Capital Improvement Plan include:

- Storm water projects?  Yes  No  In future update
- Upsizing of culverts and drainage structures?  Yes  No  In future update
- Regular maintenance for drainage structures?  Yes  No  In future update
- Upgrading storm sewer systems?  Yes  No  In future update
- Regular maintenance for the storm sewer system?  Yes  No  In future update
- Improving transportation routes for drainage?  Yes  No  In future update
- Widening roadways that would improve evacuations if they were required?  
 Yes  No  In future update
- Bridge improvements?  Yes  No  In future update
- Installing new municipal wells?  Yes  No  In future update
- Upsizing water distribution pipes?  Yes  No  In future update
- Installing water meters for residential structures?  Yes  No  In future update
- Updating electrical distribution system?  Yes  No  In future update
- Burying powerlines?  Yes  No  In future update
- Looping electrical distribution to critical facilities?  Yes  No  In future update
- Installing emergency generators in critical facilities?  Yes  No  In future update
- Constructing a new fire hall?  Yes  No  In future update
- Improving the existing fire hall?  Yes  No  In future update
- Constructing a new police headquarters?  Yes  No  In future update
- Improving the existing police headquarters?  Yes  No  In future update
- Constructing a new public works facility?  Yes  No  In future update

APPENDIX B | PUBLIC MEETING MATERIALS AND WORKSHEETS

- Improving the existing public works facility?  Yes  No  In future update
- Constructing a new community center?  Yes  No  In future update
- Improving the existing community center?  Yes  No  In future update
- Constructing a community storm shelter?  Yes  No  In future update
- Constructing a new water treatment facility?  Yes  No  In future update
- Improving the existing water treatment facility?  Yes  No  In future update
- Constructing other community owned structure(s)?  Yes  No  In future update
- Improving other existing community owned structure(s)?  Yes  No  In future update

What other types of projects are presently included in the capital improvement plan?

**Round 1 Meeting PowerPoint Slides**

**Little Blue NRD &  
Lower Big Blue NRD  
Hazard Mitigation Plan Update**

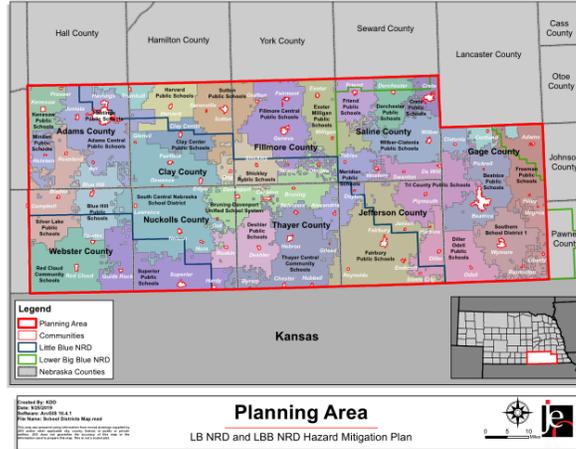
September - October 2020



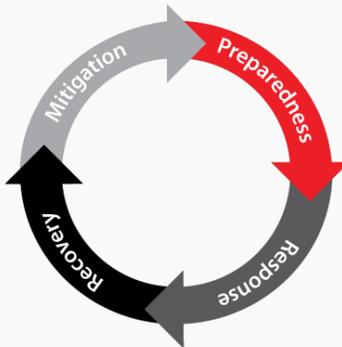


## Agenda

- ✓ Housekeeping
- ✓ Introductions
- ✓ Hazard mitigation plan (HMP) overview
- ✓ Update draft community profile
  - Hazard identification
  - Risk assessment
  - Update project status
- ✓ Next steps
- ✓ Project Schedule
- ✓ Contact information



## Hazard Mitigation - What is it?



### FEMA defines Mitigation as

*“...efforts to reduce loss of life and property by lessening the impact of disasters; taking action now—before the next disaster—to reduce human and financial consequences later (analyzing risk, reducing risk, insuring against risk).”*



## Why Develop and Update the Plan?

- Provides the foundation for a stronger, more resilient community
- Federal regulations require HMPs for communities to be eligible for FEMA Grant Programs
- HMPs must be updated and approved by FEMA every 5 years
- And...

### **Mitigation Works!**

*On average, a dollar spent on mitigation saves \$6 in future disaster costs*

From 2019 report by the Multi-Hazard Mitigation Council of the National Institute of Building Sciences



<https://www.nibs.org/page/mitigationsaves>



What project do you have  
that you want to move from

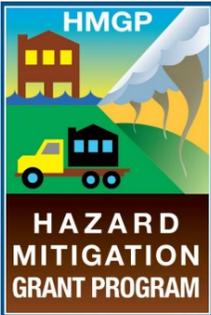
***Shelf-Ready***

to

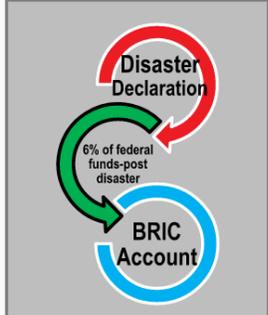
***Shovel-Ready?***



## FEMA Mitigation Funding



- Triggered by presidential disaster declaration
- State administered; projects prioritized by governor's task force
- 75/25 cost share
- For use across the state
- Open applications; awards based on available funding
- Contact person Nebraska: John Gassmann, NEMA



- Replaces PDM grant program
- Annual allocation - Up to \$500M in 2020
- NEMA/FEMA administered
- 75/25 cost share
  - Small impoverished communities up to 90/10
- Applications Period: October - January
- Award: June - October following year
- 36-month period of performance
- Contact person Nebraska: John Gassmann, NEMA



- Annual appropriations (\$160M in 2020)
- DHS/FEMA administered
- 75/25 cost share
  - Up to 100 percent for severe repetitive loss properties
- Applications Period: October - January
- Award: June-October
- 36-month period of performance
- Contact person Nebraska: Katie Ringland, NeDNR



## Building Resilient Infrastructure and Communities (BRIC) grant program

### Guiding Principles

Support community capability and capacity building 

Encourage and enable innovation 

Promote partnerships 

Enable large infrastructure projects 

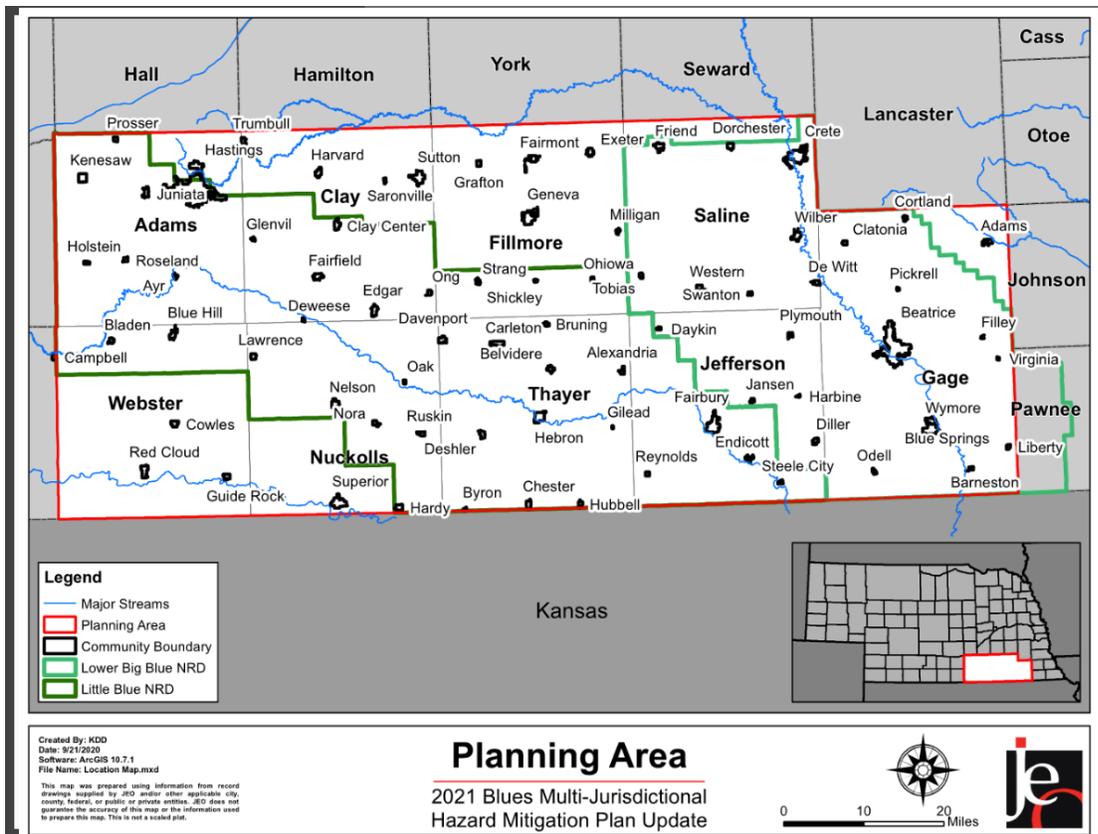
Maintain flexibility 

Provide consistency 

### Funding

**BRIC is funded by a 6% set-aside from federal post-disaster grant funding**

- **State and Territory Allocation:** An allocation for each state, territory, and the District of Columbia (DC).
- **Tribal Set-Aside:** A set-aside for Federally recognized Tribal Governments.
- **National Mitigation Project Competition:** For all eligible Applicants, the remainder of the funding will be available competitively for mitigation projects.



## Participating Jurisdictions

- ✓ All taxing authorities within the Little Blue NRD and Lower Big Blue NRD are eligible and encouraged to participate
  - Counties
  - Cities/Villages
  - School Districts
  - Public Health Districts
  - Fire Districts (that are not a sub entity of a city)
  - Sanitary Improvement Districts (SIDs)
  - Levee/Drainage Districts
  - Rural Water Districts
  - Others



## What is Required to Participate?

1. Participate in the planning process
  - Come to meetings (virtual or in-person)
  - Or do one-on-one meetings (virtual or in-person)\*
2. Assist in data collection
  - Complete worksheets
  - Submit community/jurisdictional information
3. Develop mitigation action(s)
  - Minimum of one action for each participant
4. Review plan drafts
  - Notification of 30-day public review period
5. Adopt the plan by resolution
  - Example adoption resolutions will be provided



## What Will the Plan Look Like?

- Description of Planning Process
- Planning Area Profile
- Risk Assessment
- Discussion of Capabilities
- Mitigation Actions and Strategies
- Plan Implementation and Maintenance
- Regional and Participant Sections





## What Are We Doing Today?

- ✓ Reviewing your jurisdiction's *rough* draft profile
  - Profiles available for download here: <https://bit.ly/3ccIMdw>.
  - Includes:
    - *Red questions* – jurisdiction specific information
    - Critical Facilities – review past facilities and/or identify new ones
    - Hazard Identification – top hazards of concern and descriptions
    - Review Capabilities Table
    - Updating Mitigation Actions from 2016 Plan
- ✓ Profile filled out and returned by: **November 20<sup>th</sup> to** [bseachord@jeo.com](mailto:bseachord@jeo.com)



## Your Jurisdiction's Draft

This is YOUR section of the HMP

- Location/Geography
- Demographics
- Transportation
- Future Development Trends
- Structural Inventory and Valuations
- **Critical Facilities**
- **Hazard Prioritization**
- **Capability Assessment**
- Plan Integration
- **Mitigation Actions**

**Answer questions as completely as possible! This is YOUR specific section.**

**COMMUNITY PROFILE**

**VILLAGE OF ALEXANDRIA**

Little Blue NRD and Lower Big Blue NRD  
Hazard Mitigation Plan 2021

Name(s): \_\_\_\_\_  
Date: \_\_\_\_\_

Please answer the questions in red italics. Your responses are critical for completing this Community Profile. If you are unsure of any questions, think of who could supply the information - please provide their name and position in the community.

Worksheets Due By: \_\_\_\_\_

Completed Community Profiles and other worksheets can be returned to Brooke Seachord, JEO Planner at: 2700 Fletcher Avenue, Lincoln, NE 68504 or bseachord@jeo.com. If you have any questions, please call 402-474-8741.

LITTLE BLUE NRD & LOWER BIG BLUE NRD HAZARD MITIGATION PLAN | 2021



# Critical Facilities

- Confirm the Critical Facilities from the previous plan
- Add any new ones in the table provided

CP #	Type of Lifeline	Name	Address	Shelter (Y/N)	Generator (Y/N)	Located in Floodplain (Y/N)
1	Food, Water, and Shelter	Public School K-12				
2	Safety and Security	City Hall				
3	Safety and Security	Fire Hall				
4	Health & Medical	Hospital				
5	Health & Medical	Nursing Home				
6	Food, Water, and Shelter	Friendship Terrace - Retirement Community				
7	Food, Water, and Shelter	Water tower and wells				
8	Food, Water, and Shelter	Well				
9	Food, Water, and Shelter	Well				
10	Safety and Security	Wastewater Treatment Plant				
11	Safety and Security	Police Office				
12	Hazardous Materials	Anhydrous Ammonia Plant				
13	Hazardous Materials	Anhydrous and Fuel Storage				
14						
15						
16						
17						
18						
19						
20						



Alexandria, Nebraska  
2016 Hazard Mitigation Plan  
Critical Facilities



# Hazard Identification and Prioritization

SECTION SEVEN: VILLAGE OF ALEXANDRIA COMMUNITY PROFILE

**Historical Occurrences**  
See the Tripp County community profile for historical hazard events.

**Hazard Prioritization**  
For additional discussion regarding area-wide hazards, please see Section Four: Risk Assessment. The hazards discussed in detail below were selected by the local planning team from the regional hazard list as the relevant hazards for the jurisdiction. The selected hazards were prioritized by the local planning team based on historical hazard occurrences, potential impacts, and the community's capacity to respond.

Please review the following sections in the following paragraphs available through 2026:

**Flooding**  
Flooding is a particular worry in all stations and south well were flooded according to your estimate. The Little Blue River is concerning. To mitigate this hazard, Alexandria process: soil service improvement response plan, floodplain manager acquisition.

**Is this hazard still of concern for you? If not, please skip the following questions.**  
Have there been any changes in why is this hazard of top concern? Who are the top concerns related to this hazard?

**Please describe past events and what actions or projects are in response to this hazard?**

**Governance**  
A community's governance structure impacts its ability to implement hazard mitigation actions. Alexandria has a number of offices or departments that may be involved in implementing hazard mitigation activities. The village has a five-member village board, a clerk/treasurer, attorney, utility superintendent, and fire chief.

**Capabilities**  
The capability assessment consisted of a review of local existing policies, regulations, plans, and programs with hazard mitigation capabilities. The following tables summarize the jurisdiction's planning and regulatory capability, administrative and technical capability, local capability, educational and outreach capability, and overall capability to implement mitigation projects.

**What grants have you applied for in the last five years?**

Jurisdictional hazards from past plan are in the profile. Are these still your top hazards?

Consider the following:

- What types of impacts did or could your jurisdiction experience?
- Have there been deaths or injuries from certain hazards?
- How prepared is your jurisdiction for these events?
- Have critical facilities been damaged or at risk of being damaged?
- Are there resources/projects needed to be better prepared or to reduce risk to certain hazards?
- Are certain weather events becoming more frequent and/or more intense?



## Hazards for Consideration

- ✓ Agricultural Animal & Plant Disease
- ✓ Dam Failure
- ✓ Drought and Extreme Heat
- ✓ Earthquake
- ✓ Flooding
- ✓ Grass/Wildfire
- ✓ Hazardous Materials
- ✓ Levee Failure
- ✓ Public Health Emergency
- ✓ Severe Thunderstorms
- ✓ Severe Winter Storms
- ✓ Terrorism
- ✓ Tornadoes and High Winds



## Capabilities Table

Review capabilities from the past plan:

- What capabilities have changed?
- What plans or offices does your jurisdiction have?
- Fill in missing information.

SECTION SEVEN: CITY OF FRIEND COMMUNITY PROFILE

Please check the right column in the following table for your community. The table includes responses from the 2016 HMP. If there have been changes or updates, please cross out the answer and provide the updated answer and date.

**Table FRI 5: Capability Assessment**

Survey Components	Yes/No	Date of Last Update
Comprehensive Plan	No	
Capital Improvements Plan	No	
Economic Development Plan	No	
Local Emergency Operational Plan	Country	
Floodplain Ordinance	Yes	
Zoning Ordinance	No	
Subdivision Regulation/Ordinance	No	
Building Codes	No	
Floodplain Management Plan	Yes	
Storm Water Management Plan	No	
National Flood Insurance Program	Yes	
Community Rating System	No	
Other (if any)		
Planning Commission	No	
Floodplain Administration	Yes	
GIS Capabilities	No	
Chief Building Official	No	
Civil Engineering	No	
Local Staff Who Can Assess Community's Vulnerability to Hazards	Yes	
Grant Manager	No	
Mutual Aid Agreement		
Other (if any)		
I & E Fee Plan	No	
Applied for grants in the past		
Awarded a grant in the past		
Authority to Levy Fees for Specific Purposes such as Mitigation Projects	No	
Gas/Electric Service Fees	No	
Storm Water Service Fees	No	
Water/Sewer Service Fees	No	
Development Impact Fees	No	
General Obligation Revenue or Special Tax Bonds	No	
Other (if any)		
Local citizen groups or non-profit organizations focused on environmental protection, emergency preparedness, access	No	

LITTLE BLUE NRD & LOWER BIG BLUE NRD HAZARD MITIGATION PLAN | 2021 16



## Update 2016 Mitigation Actions

SECTION SEVEN: VILLAGE OF ALEXANDRIA COMMUNITY PROFILE

### Mitigation Strategy

Please review the following mitigation actions identified in the previous HMP and make any changes needed. Mark if each action has been completed, is in progress, or should be removed and describe the current status of the action.

Review of 2016 HMP Mitigation Actions

Continued Mitigation Actions

MITIGATION ACTION	BACKUP GENERATORS
DESCRIPTION	Provide a portable or stationary source of backup power to redundant power supplies, municipal wells, lift stations and other critical facilities and shelters.
HAZARD(S)	All hazards
ESTIMATED COST	\$100,000
FUNDING	Village general funds, HMA
TIMELINE	2-5 years
PRIORITY	High
LEAD AGENCY	Village Board
UPDATE (CIRCLE ONE)	Completed      Ongoing      Remove
STATUS	What is the current status on this project?

MITIGATION ACTION	BACKUP MUNICIPAL RECORDS
DESCRIPTION	Develop protocol for back-up of critical municipal records.
HAZARD(S)	All hazards
ESTIMATED COST	\$3,000
FUNDING	
TIMELINE	1 year
PRIORITY	Low
LEAD AGENCY	Village Board
UPDATE (CIRCLE ONE)	Completed      Ongoing      Remove
STATUS	What is the current status on this project?

MITIGATION ACTION	CIVIL SERVICE IMPROVEMENTS
DESCRIPTION	Improve emergency rescue and response equipment and facilities by providing additional, or updating existing emergency response equipment. This can include fire trucks, ATVs, water tanks/trucks.

18      LITTLE BLUE NRD & LOWER BIG BLUE NRD HAZARD MITIGATION PLAN | 2021



## Update 2016 Mitigation Actions

MITIGATION ACTION	BACKUP GENERATORS
DESCRIPTION	Provide a portable or stationary source of backup power to redundant power supplies, municipal wells, lift stations and other critical facilities and shelters.
HAZARD(S)	All hazards
ESTIMATED COST	<del>\$100,000</del> \$87,000
FUNDING	Village general funds, HMA
TIMELINE	<del>2-5 years</del> 1-3 Years
PRIORITY	High
LEAD AGENCY	Village Board
UPDATE (CIRCLE ONE)	Completed <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Ongoing</span> Remove
STATUS	What is the current status on this project?  HMGP grant development underway. Backup generators needed for village office and well.

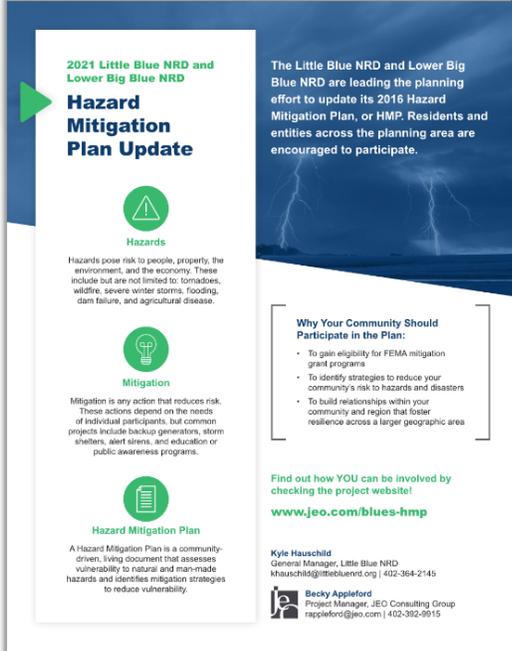


## Next Steps

- ✓ Invite others to participate
  - Share information with Board/Council
  - Involve stakeholder groups
  - Post project flyer
- ✓ Collect plans/ organize resources
- ✓ Attend next meeting
  - Identify specific areas of vulnerability
  - Identify additional mitigation measures
  - Review draft of plan
- ✓ Visit project website:  
<https://jeo.com/blues-hmp>

### WORKSHEETS DUE

### November 20<sup>th</sup>





## Project Schedule

### Hazard Mitigation Plan Development

Data Collection & Analysis			Public Involvement						Plan Completion				
July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May*	June	July	Fall 2021
Project Kick-off Meeting		Round 1 Meetings		Dam Inundation Mapping		Round 2 Meetings				Public Review Period		Plan Submission	Plan Adoption

Current HMP Expires: May 6, 2021



## Project Contacts

- ✓ Little Blue NRD NRD
  - Kyle Hauschild, (402) 364-2145, [khauschild@littlebluenrd.com](mailto:khauschild@littlebluenrd.com)
  
- ✓ Lower Big Blue NRD
  - Scott Sobotka, (402) 228-3402, [sobotka@lbbnrd.net](mailto:sobotka@lbbnrd.net)
  
- ✓ JEO Consulting Group
  - Brooke Seachord, (402) 474-8741, [bseachord@jeo.com](mailto:bseachord@jeo.com)\*\*
  - Becky Appleford, (402) 392-9915, [rappleford@jeo.com](mailto:rappleford@jeo.com)

*\*\*Please return worksheets to Brooke by November 20<sup>th</sup>*

**THANK YOU!**

## Round 2 Meeting PowerPoint Slides

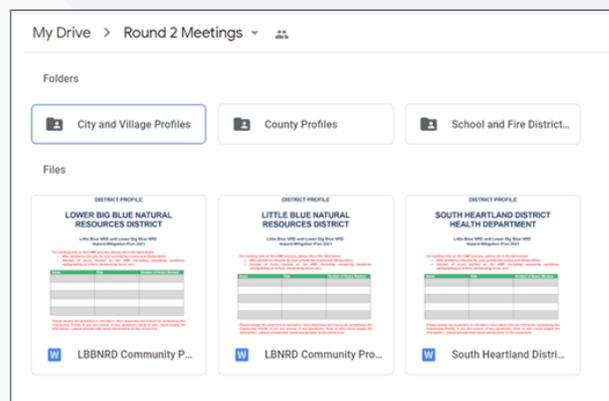
# Little Blue NRD & Lower Big Blue NRD Hazard Mitigation Plan Update

February - March 2021



## Housekeeping

- ✓ Worksheets can be downloaded from the Google Drive
- ✓ This webinar is being recorded
- ✓ Microphones are muted
- ✓ To ask a question, please use the chat box
- ✓ PowerPoint slides and recorded webinar will be available via the Google Drive



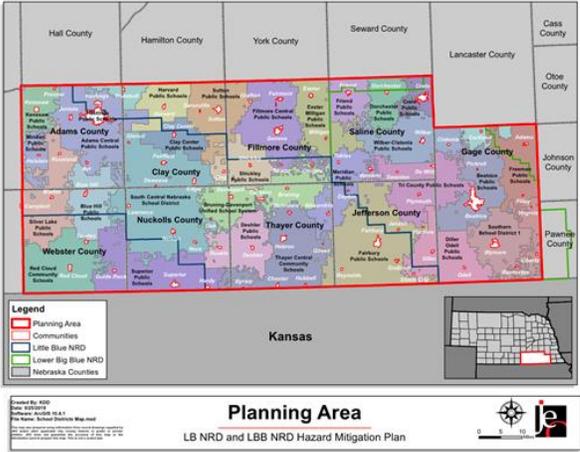
Updated profiles can be downloaded from the Google Drive:

<http://bit.ly/3iRB7Vi>



## Agenda

- ✓ Introductions
- ✓ Brief HMP and Grant Overview
- ✓ Worksheets
  - Finalize questions
  - Identify new actions
  - Plan integration
- ✓ Project Schedule
- ✓ Next steps
- ✓ Contact information
- ✓ Question and Answer





## Let us know you're here!

- ✓ If joining online:
  - Use the chat box to enter:
    - Your name(s)
    - Jurisdiction you're representing
- ✓ If joining by phone:
  - Send an email to Brooke: [bseachord@jeo.com](mailto:bseachord@jeo.com)
  - Include everyone that attended

✓ From JEO:

Becky Appleford  
Project Manager

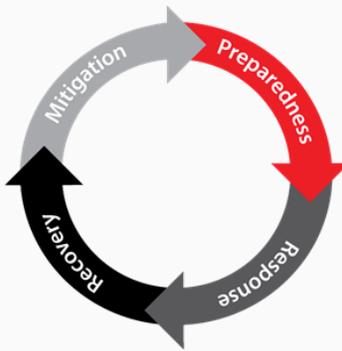


Brooke Seachord  
Project Planner





## Hazard Mitigation - What is it?



### **FEMA defines Mitigation as**

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- Provides the foundation for a stronger, more resilient community
- Federal regulations require HMPs for communities to be eligible for FEMA Grant Programs
- HMPs must be updated and approved by FEMA every 5 years
- And...

### **Mitigation Works!**

*On average, a dollar spent on mitigation saves  
\$6 in future disaster costs*

From 2019 report by the Multi-Hazard Mitigation Council  
of the National Institute of Building Sciences



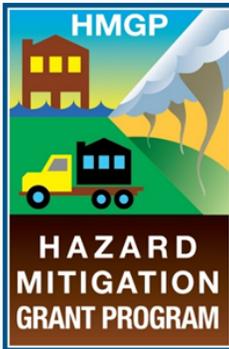
<https://www.nibs.org/page/mitigationsaves>



What project do you have  
that you want to move from  
***Shelf-Ready***  
to  
***Shovel-Ready?***



## FEMA Mitigation Funding



- Triggered by presidential disaster declaration
- State administered; projects prioritized by governor's task force
- 75/25 cost share
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- Open applications; awards based on available funding



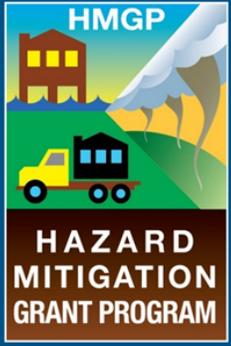
- Building Resilient Infrastructure and Communities
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- NEMA/FEMA administered
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  - Small impoverished communities up to 90/10
- Applications Period: Late Fall – Early Winter
- Award: June – October following year



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- 75/25 cost share
- Applications Period: Late Fall – Early Winter
- Award: June–October
- 36-month period of performance

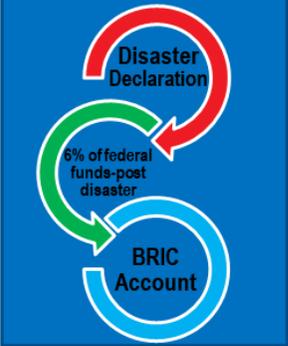


## FEMA Mitigation Contacts



**HMGP**  
**HAZARD MITIGATION GRANT PROGRAM**

Contact:  
Nebraska Emergency Management Agency  
John Gassmann  
(402) 471-7421  
[nema.hazardmitigation@nebraska.gov](mailto:nema.hazardmitigation@nebraska.gov)



**Disaster Declaration**  
6% of federal funds-post disaster  
**BRIC Account**

Contact:  
Nebraska Emergency Management Agency  
John Gassmann  
(402) 471-7421  
[nema.hazardmitigation@nebraska.gov](mailto:nema.hazardmitigation@nebraska.gov)



**FMA**  
**FLOOD MITIGATION ASSISTANCE**

Contact:  
Nebraska Department of Natural Resources  
Katie Ringland  
(402) 471-2094  
[katie.ringland@nebraska.gov](mailto:katie.ringland@nebraska.gov)



## Additional Mitigation Funding

- New BRIC Program

**Building Resilient Infrastructure and Communities (BRIC) grant program**

**Guiding Principles**

Support community capability and capacity building 	Enable large infrastructure projects 
Encourage and enable innovation 	Maintain flexibility 
Promote partnerships 	Provide consistency 

**BRIC Launch Timeline**



■ Where we are now

- USDA
- HUD – Community Development Block Grant
- Bureau of Reclamation
- Natural Resources Commission – WSF
- US Forest Service
- Private Funding
- Long-Term Recovery Teams



## Last Meeting

- ✓ Primary objective: Hazard Identification and Risk Assessment
  - Reviewed draft profile
  - Identified top hazards of concern
  - Critical facilities
  - Updated mitigation actions from the old plan
- ✓ Today's primary objectives: Review updated draft profile, identify new mitigation actions, and plan integration



## What Are We Doing Today?

- ✓ Reviewing your jurisdiction's *updated* draft profile
  - Profiles available for download here: <http://bit.ly/3iRB7Vi>.
  - Includes:
    - *Red questions* – jurisdiction specific information to complete or follow up questions
    - Capabilities / Plan Maintenance – if not already completed
    - Identify NEW Mitigation Actions
    - Plan Integration
- ✓ Profile filled out and returned by: **March 31<sup>st</sup> to bseachord@jeo.com**



## Worksheet Steps Due March 31st

- ✓ Step 1: Download worksheets on Google Drive at: <http://bit.ly/3iRB7Vi>.
- ✓ Step 2: Review and update community profile
- ✓ Step 3: Identify any new projects
- ✓ Step 4: Plan Integration Worksheet
- ✓ Step 5: Return completed worksheets

Note: All needed worksheets are available for download in the Round 2 Meeting Materials - Google Drive folder.



## Step 2 Your Jurisdictional Profile Draft

- Updated version since Round 1 with your provided comments
- Read through and make any corrections as needed
  - Can use Track Changes /Comment boxes/hand edits
- Review critical facility locations

**Answer red questions or yellow highlights as completely as possible!**

**COMMUNITY PROFILE**

**VILLAGE OF ADAMS**

Little Blue NRD and Lower Big Blue NRD  
Hazard Mitigation Plan 2021

For tracking time on this HMP process, please list in the table below:

- Who worked on the plan for your jurisdiction (name and title/position)
- Number of hours worked on the HMP (including answering questions, calling/texting to others, researching hours, etc.)

Name	Title	Number of Hours Worked

Please answer the questions in red italics. Your responses are critical for completing this Community Profile. If you are unsure of any questions, think of who could supply the information - please provide their name and position in the community.

Worksheets Due By: \_\_\_\_\_

Completed Community Profiles and other worksheets can be returned to Brooke Saubert, JCO Planner at: 3700 Fletcher Avenue, Lincoln, NE 68504 or [bsaubert@jeo.com](mailto:bsaubert@jeo.com). If you have any questions, please call 402-474-8161.

Little Blue NRD & Lower Big Blue NRD Hazard Mitigation Plan | 2021 1



## Step 3 Identify any new projects

- Ensure all continued mitigation actions are complete – avoid duplication!
- Add any new mitigation actions not already identified (Blank Tables)
  - Project that may need FEMA Grant Assistance
  - Use hazard prioritization to help identify potential actions
- ✓ Each jurisdiction must have at least one mitigation action identified



## Step 3 Identify any new projects

### Suggested Actions

#### Mitigation Strategy

Your jurisdiction identified the following hazards of top concern as described above:

- Flooding
- Hazardous Materials
- Severe Thunderstorms
- Tornadoes and High Winds

Currently there are no specific mitigation actions to address Hazardous Materials.

If there are additional mitigation actions your jurisdiction is pursuing or interested in applying for grant funding, complete the table below. Include estimated cost, timeline, lead agency, and priority level. For examples of mitigation actions, review the provided FEMA Handbook ([https://www.fema.gov/media-library-data/20130126-1904-26045-0186/fema\\_mitigation\\_ideas\\_final508.pdf](https://www.fema.gov/media-library-data/20130126-1904-26045-0186/fema_mitigation_ideas_final508.pdf)) or reach out to a JEO Project Contact.

#### New Mitigation Actions – 2021 Plan

NEW MITIGATION ACTION	HAZARDOUS TREE REMOVAL		
	Yes	No	
Is this an action to include?			
Description – what is needed? What has been done?	Remove hazardous trees on Main Street and city right of way.		
Estimated Cost			
Local Funding Source			
Timeline (circle one)	1 year	2-5 years	5+ years
Priority (circle one)	High	Medium	Low
Lead Agency			

### Other new action ideas



#### Mitigation Ideas

A Resource for Reducing Risk to Natural Hazards

January 2013





## Step 3 Identify any new projects

**•Mitigation Action**

**Name:** General Name for the project.

**•Description:**

Information about the project.

**•Estimated Cost:** Best guess at what it might cost.

**•Local Funding:** Where will the funds come from?

**•Timeline:** When will this project be completed?

**•Lead Agency:** What department or position will be leading the project?

NEW MITIGATION ACTION	BACKUP GENERATORS		
Description – what is needed? What has been done?	A new backup generator is needed at the lift station and community hall (used as a shelter).		
Estimated Cost	\$40,000 per generator		
Local Funding Source	Utility Department Funds		
Timeline (circle one)	1 year	2-5 years	5+ years
Priority (circle one)	High	Medium	Low
Lead Agency	Utility Superintendent		

**Priority:** Feasibility review using STAPLEE (Social, Technical, Administrative, Political, Legal, Economic, and Environmental)



## Step 4 Plan Integration



What planning tools does your jurisdiction have?

Important that HMPs and community plans are consistent.

Please complete these as thoroughly as possible. All details are welcome and only improve the quality of your community profile.

**LITTLE BLUE NRD AND LOWER BIG BLUE NRD HAZARD MITIGATION PLAN**

**PLAN INTEGRATION WORKSHEET**

JEO CONSULTING GROUP  
FEBRUARY 2021

Name(s): \_\_\_\_\_ Jurisdiction: \_\_\_\_\_

[Workbook due March 31<sup>st</sup> to bseachord@jeo.com](mailto:bseachord@jeo.com)

1



## Step 4 Plan Integration

### STEP 1

Please complete the following table.

Which of these plans/ordinances does your jurisdiction have?

PLAN/ORDINANCE	YES/NO	YEAR OF MOST RECENT UPDATE
Comprehensive Plan		
Building Code		What IBC Edition is Adopted?
Zoning Ordinance/ Floodplain Ordinance/ Subdivision Regulations		
Capital Improvements Plan		
Other:		
Other:		

For any additional plans your community has, e.g. Drought Management Plan, Evacuation Plan, Stormwater Management Plan, etc., please send JEO a copy.

### STEP 2

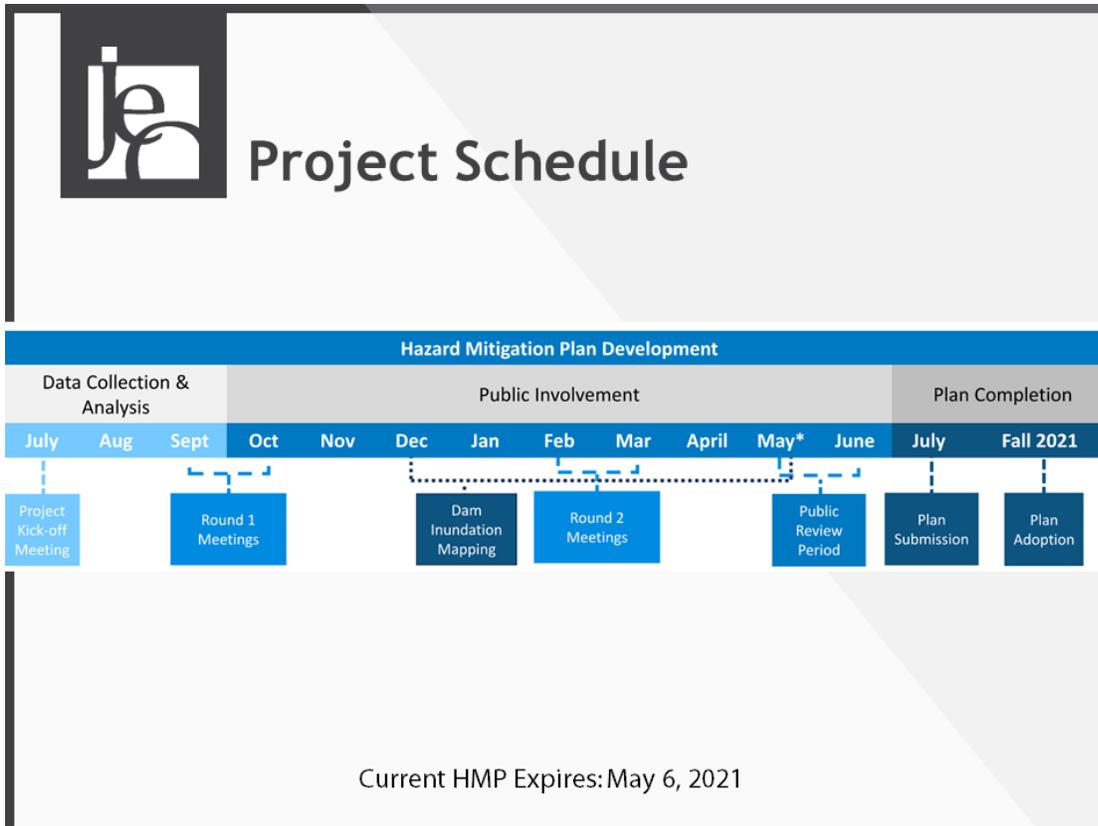
For the plans/ordinances which your community has, please complete the relevant pages in this worksheet. **You do not have to complete the worksheets for plans/ordinances which your community does not have.**

- Identify the plans and ordinances available for your jurisdiction
- Then ONLY complete the pages for plans/ordinances your jurisdiction does have
- Ask Floodplain Administrators, Building & Zoning, others for assistance
- Fire/Schools/Other Districts: Similar worksheet, but shorter



## Step 5 Return Worksheets

- ✓ DUE Wednesday, March 31st
- ✓ Options to return completed worksheets:
  - Scan and email to Brooke Seachord: [bseachord@jeo.com](mailto:bseachord@jeo.com)
  - Mail
    - JEO Consulting Group
    - Attn: Brooke Seachord
    - 11213 Davenport St, Ste 200
    - Omaha NE 68154-2604



## Next Steps

- ✓ Complete and submit new worksheets
- ✓ Update boards/councils
  - Upcoming: Public Review Period
  - Local Adoption
- ✓ Visit project website: <https://jeo.com/blues-hmp>

**WORKSHEETS DUE**  
**March 31st**

**2021 Little Blue NRD and Lower Big Blue NRD Hazard Mitigation Plan Update**

**Hazards**  
Hazards pose risk to people, property, the environment, and the economy. These include but are not limited to: tornados, wildfire, severe winter storms, flooding, dam failure, and agricultural disease.

**Mitigation**  
Mitigation is any action that reduces risk. These actions depend on the needs of individual participants, but common projects include backup generators, storm shelters, alert sirens, and education or public awareness programs.

**Hazard Mitigation Plan**  
A Hazard Mitigation Plan is a community-driven, living document that assesses vulnerability to natural and man-made hazards and identifies mitigation strategies to reduce vulnerability.

**Why Your Community Should Participate in the Plan:**

- To gain eligibility for FEMA mitigation grant programs
- To identify strategies to reduce your community's risk to hazards and disasters
- To build relationships within your community and region that foster resilience across a larger geographic area

Find out how YOU can be involved by checking the project website!  
[www.jeo.com/blues-hmp](http://www.jeo.com/blues-hmp)

Kyle Hauschild  
General Manager, Little Blue NRD  
khauschild@littlebluenrd.org | 402-364-2145

Becky Appleford  
Project Manager, JEO Consulting Group  
rappleford@jeo.com | 402-392-9915



## Project Contacts

- ✓ Little Blue NRD
  - Tyler Goeschel, (402) 364-2145, [tgoeschel@littlebluenrd.com](mailto:tgoeschel@littlebluenrd.com)
- ✓ Lower Big Blue NRD
  - Scott Sobotka, (402) 228-3402, [sobotka@lbbnrd.net](mailto:sobotka@lbbnrd.net)
- ✓ JEO Consulting Group
  - Brooke Seachord, (402) 474-8741, [bseachord@jeo.com](mailto:bseachord@jeo.com)\*\*
  - Becky Appleford, (402) 392-9915, [rappleford@jeo.com](mailto:rappleford@jeo.com)
  - Mary Baker, (402) 474-8748, [mbaker@jeo.com](mailto:mbaker@jeo.com)

Let us know you attended!

- ✓ Online:
  - Use the chat box to enter your name and jurisdiction/agency
- ✓ By Phone:
  - Send an email to Brooke: [bseachord@jeo.com](mailto:bseachord@jeo.com)
  - Include everyone that attended

**THANK YOU!**

## Question and Answer

Open Forum with Brooke

