

APPENDIX B PUBLIC MEETING MATERIALS AND WORKSHEETS

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EXAMPLE OF HAZARD IDENTIFICATION WORKSHEET



Nemaha NRD – Hazard Mitigation Plan

Hazard Identification

Planning Area

Name: _____ Jurisdiction Represented: _____

Hazard Type		Count	Property Damage	Crop Damage ²
Agricultural Disease	Animal Disease ¹	69	2,469 animals	N/A
	Plant Disease ²	73	N/A	\$605,313
Chemical & Radiological Spills (Fixed Site) ³ 2 Injuries		33	\$0	N/A
Chemical & Radiological Spills (Transportation) ⁴ 1 Fatality, 3 Injuries		24	\$159,399	N/A
Dam Failure ⁵		2	N/A	N/A
Drought and Extreme Heat	Drought ⁶	297/1,496 months	N/A	\$171,057,401
	Extreme Heat ⁷	Avg. 6 days/year		
Earthquake ¹³		3	\$0	N/A
Flooding ⁸ 1 Fatality	Flash Flood	60	\$1,880,000	\$18,282,115
	Flood	150	\$4,169,000	
Levee Failure ^{10, 11}		11	N/A	N/A
Severe Thunderstorms ⁹	Thunderstorm Wind	262	\$634,000	\$162,107,289
	Hail	517	\$30,000	
	Heavy Rain	24	\$0	
	Lightning	8	\$368,000	
Severe Winter Storms ⁸ 1 Fatality	Blizzard	26	\$0	\$5,967,727
	Extreme Cold/Wind chill	64	\$0	
	Heavy Snow	30	\$5,000,000	
	Ice Storm	1	\$2,600,000	
	Winter Storm	162	\$0	
Winter Weather		25	\$0	
Terrorism ¹²		0	\$0	N/A
Tornadoes and High Winds ⁸ 1 Fatality, 2 Injuries	High Winds	65	\$100,000	\$2,085,194
	Tornadoes	42	\$20,709,000	
Wildfire ⁹		1,222	23,809 acres	\$30,054
Total		2,889	\$35,676,399	\$360,135,093

N/A: Data not available
 1 - NDA, 2014 – October 2019
 2 - USDA RMA, 2000 – October 2019
 3 - NRC, 1990 - November 2019
 4 - PHSMA, 1971 - November 2019
 5 - Stanford NPDP, 1911 - 2018
 6 - NOAA, 1895 - August 2019

7 - NOAA Regional Climate Center, 1897 - September 2019
 8 - NCEI, 1996 - September 2019
 9 - NFS, 2010 - 2018
 10 - USACE NLD, 1900 - 2019
 11 - USACE, 2019
 12 - Global Terrorism Database, 1970-2018
 13 - USGS, 1900 – November 2017



Nemaha NRD – Hazard Mitigation Plan

Hazard Identification

Planning Area

For this exercise, please think about the following questions in conjunction with the information provided in the table: What types of impacts did your jurisdiction experience from natural and man-made hazards? Have there been any known deaths or injuries from hazards? How prepared was your jurisdiction for these events? Have critical facilities been damaged? Are there resources or projects needed to be better prepared in the future for particular hazards? Are certain weather events becoming more or less frequent?

Please circle the top five (5) hazards of greatest concern for your jurisdiction:

Agricultural Animal & Plant Disease

Chemical & Radiological Spills (Fixed Site)

Chemical & Radiological Spills (Transportation)

Dam Failure

Drought and Extreme Heat

Earthquake

Flooding

Levee Failure

Severe Thunderstorms

Severe Winter Storms

Terrorism

Tornadoes and High Winds

Wildfire

EXAMPLE OF HAZARD IDENTIFICATION QUESTIONNAIRE WORKSHEET

Flooding

Jurisdiction: _____

Directions: Please complete this 1 page, front and back worksheet in detail. Please provide as much detail as possible.

1. How has flooding impacted your jurisdiction in the past? Please describe the approximate year, property and crop damage, and any other impacts of each event.

2. Is flash flooding or riverine flooding more of a concern for your jurisdiction?

3. What bodies of water are most likely to flood in your jurisdiction?



EXAMPLE OF COMMUNITY PROFILE WITH QUESTIONS

Community Profile

Village of Brock

Nemaha Natural Resources District
Multi-Jurisdictional Hazard Mitigation Plan Update

2020

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.

Completed Community Profiles and other worksheets can be returned to Karl Dietrich, JEO Planner at: 2700 Fletcher Avenue, Lincoln, NE 68504 or kdietrich@jeo.com. If you have any questions, please call 402-742-7213.

Section Seven: Village of Brock Profile

Local Planning Team

Table BRK.1: Village of Brock Local Planning Team

Name	Title	Jurisdiction

Location and Geography

The Village of Brock is in northwestern Nemaha County and covers an area of 0.31 square miles. Brock is in the valley and rolling hills regions of Nebraska. The land around the village is used primarily for pasturing and irrigated row-crop agriculture.

Transportation

Transportation information is important to hazard mitigation plans because it suggests possible evacuation corridors in the community and areas more at risk of transportation incidents. Brock’s major transportation corridor is State Highway 67. It is traveled by an average of 440 vehicles daily, 50 of which are trucks.¹

What transportation routes are of most concern?

What transportation routes are routinely closed due to flooding?

Are chemical or radiological hazards regularly transported along local routes? If yes, do you know which chemicals?

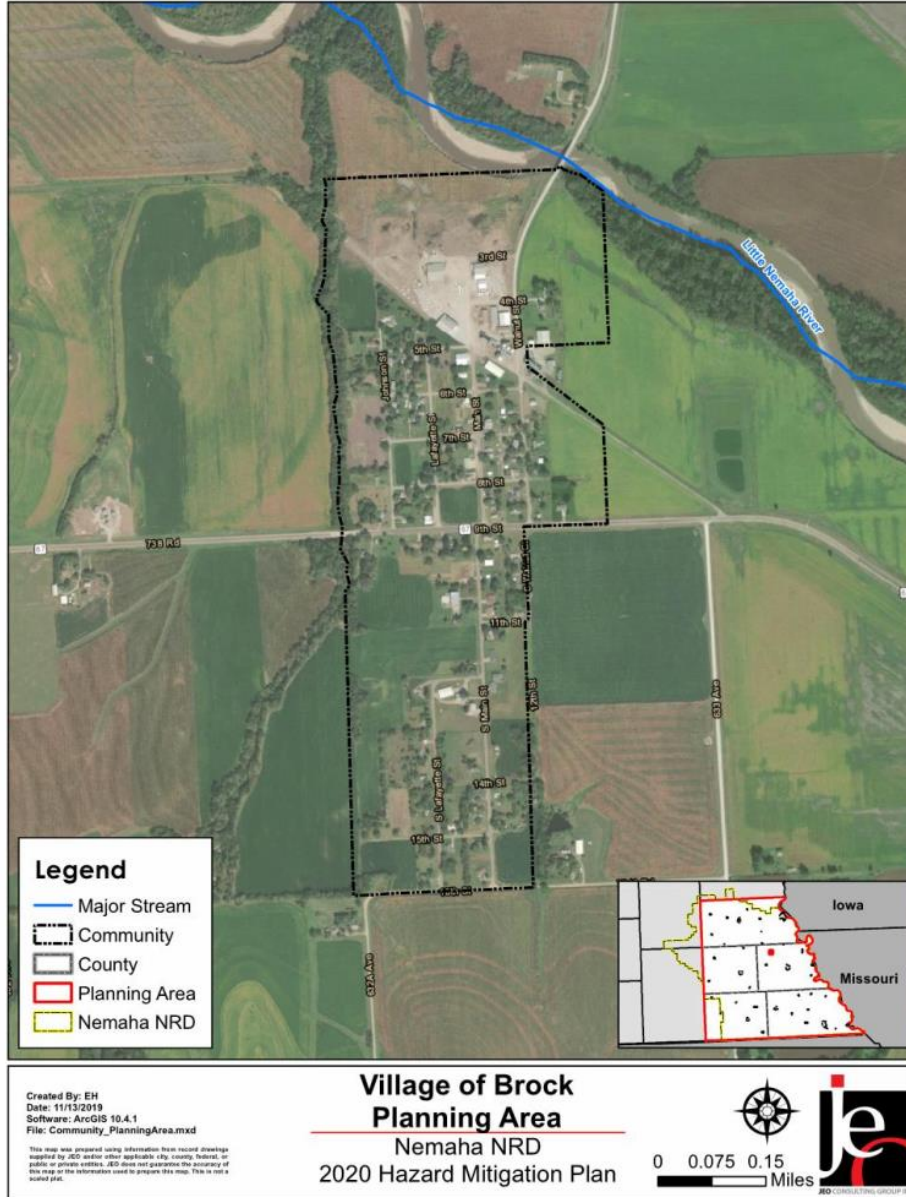
Which areas of the community would have difficulty evacuating? What would make evacuation difficult there?

¹ Nebraska Department of Roads. 2018. "Interactive Statewide Traffic Counts Map." [map]. <https://gis.ne.gov/portal/apps/webappviewer/index.html?id=bb00781d6653474d945d51f49e1e7c34>.

² Nemaha NRD Multi-Jurisdictional Hazard Mitigation Plan | 2020

Section Seven: Village of Brock Profile

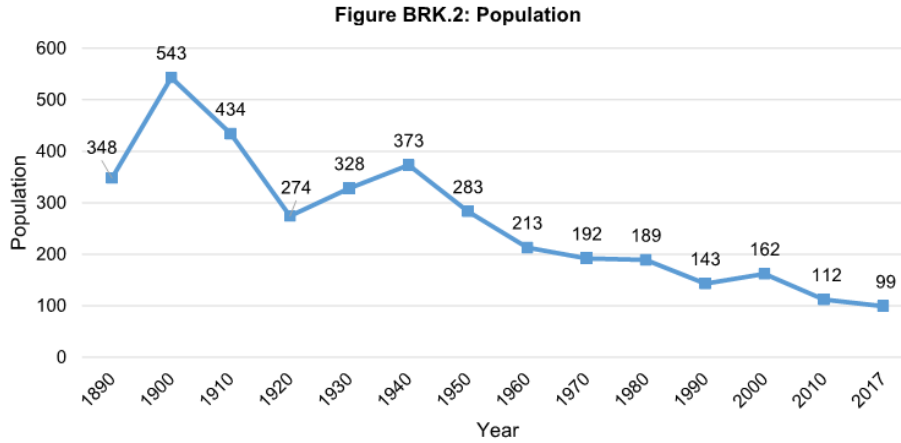
Figure BRK.1: Village of Brock



Section Seven: Village of Brock Profile

Demographics

The Village of Brock’s population has declined to about 99 people, providing only a small tax base that could fund mitigation projects. Brock’s population accounted for 1.4% of Nemaha County’s population in 2017.²



Source: U.S. Census Bureau, 1890 – 2017

The young, elderly, minority, and low-income populations may be more vulnerable to certain hazards than other groups. In comparison to the county, Brock’s population was:

- **Similarly aged.** The median age of Brock was 39.8 years old in 2017, compared with Nemaha County’s median of 38 years. Brock’s population grew younger since 2010, when the median age was 46 years old.² The village has a smaller proportion of residents under 18 years old (10.1%) compared to the county (21%).
- **Equally ethnically diverse.** In 2010 and 2017 Brock did not have a Hispanic or Latino population. During that time, the Hispanic population in the county grew from 1.6% in 2010 to 2.6% in 2017.²
- **More likely to be below the federal poverty line.** The poverty rate in the Village of Brock (27.3% of people living below the federal poverty line) was higher than the county’s poverty rate (11.5%) in 2017.³

Employment and Economics

The Village of Brock’s economic base is a mixture of industries. In comparison to Nemaha County, Brock’s economy had:

- **Larger mix of industries.** Brock’s major employment sectors, accounting for 10% or more of employment each, were: agriculture, forestry, fishing and hunting, and mining; retail trade; information; professional, scientific, and management, and administrative and

² United States Census Bureau. "American Fact Finder: DP05: Demographic and Housing Estimates [database file]. <https://factfinder.census.gov/>.

³ United States Census Bureau. "American Fact Finder: DP03: Selected Economic Characteristics." [database file]. <https://factfinder.census.gov/>.

⁴ Nemaha NRD Multi-Jurisdictional Hazard Mitigation Plan | 2020

Section Seven: Village of Brock Profile

waste management services; and arts, entertainment, and recreation, and accommodation and food services.³

- **Lower per capita income.** Brock's per capita income in 2017 (\$22,325) was about \$6,247 lower than the county (\$28,572).³
- **More long-distance commuters.** About 11.3% of workers in Brock commuted for fewer than 15 minutes, compared with about 46.1% of workers in Nemaha County. About 36.3% of workers in Brock commuted 30 minutes or more to work, compared to about 20.2% of county workers.⁴

Major Employers

Who are the major employers in the community?

Do a large percentage of residents commute to other communities? If so, to where?

Housing

In comparison to Nemaha County, the Village of Brock's housing stock was:⁵

- **Similar age.** Brock had a similar share of housing built prior to 1970 than the county (62.2% compared to 61.6%).
- **More mobile and manufactured housing.** The Village of Brock had only a larger share of mobile and manufactured housing (10.8%) compared to the county (2.8%).
- **Less renter-occupied.** About 19.3% of occupied housing units in Brock were renter-occupied compared with 28.1% of occupied housing in Nemaha County.
- **Similarly occupied.** Approximately 23% of Brock's housing units were vacant compared to 19.9% of units in Nemaha County.

The age of housing may indicate which housing units were built prior to the development of state building codes. Homes built within a flood hazard area before the adoption of their community's Flood Rate Insurance Map (FIRM) are not likely to be built above the 1% annual chance floodplain. Older and vacant housing stock may also be more vulnerable to hazard events if it is poorly maintained. Communities with a substantial number of mobile homes may be more vulnerable to the impacts of high winds, tornadoes, and severe winter storms if those homes are not anchored correctly. Renter occupied housing depends on the initiative of landlords for proper maintenance and retrofitting to be resilient to disasters. They are less likely than homeowners to have renter's insurance or flood insurance, or to know their risks to flooding and other hazards. A significant number of unoccupied housing suggests that future development may be unlikely to occur in the area.

Where are mobile homes located in the community?

⁴ United States Census Bureau. "American Fact Finder: S0802: Means of Transportation to Work by Selected Characteristics." [database file]. <https://factfinder.census.gov/>.

⁵ United States Census Bureau. "American Fact Finder: DP04: Selected Housing Characteristics." [database file]. <https://factfinder.census.gov/>.

Section Seven: Village of Brock Profile

Future Development Trends

There have been no housing or business developments within the village in the past five years and none are anticipated in the next five years.

The above description was taken from the previous hazard mitigation plan. Please provide updates on what has changed since the last plan.

According to the census data, Brock's population is generally declining. What factors are contributing to this decline?

Are new housing developments planned for the next five years? Where? Are new developments being directed away from hazardous areas such as the floodplain?

What new businesses or industries are anticipated?

Please provide a color copy of your community's Future Land Use Map.

Figure BRK.3: Future Land Use Map
[Map to be added later]

Parcel Improvements and Valuation

The planning team acquired GIS parcel data from the County Assessor to analyze the location, number, and value of property improvements (e.g. buildings, paved lots, roads, etc.) at the parcel level. The data did not contain the number of structures on each parcel. The parcel data was analyzed to determine the number and valuation of property improvements located in the 1% annual chance floodplain. A summary of the results of this analysis is provided in the following table.

Table BRK.2: Parcel Improvements and Value in the Floodplain

Number of Improvements	Total Improvement Value	Mean Value of Improvements per Parcel	Number of Improvements in Floodplain	Value of Improvements in Floodplain

Source: GIS Workshop/Nemaha County Assessor, 2019⁶

⁶ GIS Workshop/Nemaha County Assessor. 2019. [Personal correspondence].

Section Seven: Village of Brock Profile

Critical Infrastructure

Chemical Storage Fixed Sites

According to the Tier II System reports submitted to the Nebraska Department of Environment and Energy, there is a total of one chemical storage sites in Brock. The table below lists the name and location of the sites and whether they are in the floodplain.

Table BRK.3: Chemical Storage Fixed Sites

Facility Name	Address	In Floodplain (Y/N)
Midwest Farmers Cooperative	401 Main Street	Y

Source: Nebraska Department of Environment and Energy⁷

Critical Facilities

The planning team identified critical facilities necessary for the Village of Brock’s disaster response and continuity of operations. Critical facilities were identified during the 2020 planning process and revised for this plan update. The following table and figure provide a summary of the critical facilities for the community.

Below are the critical facilities from the previous hazard mitigation plan. Please remove those that are no longer applicable by crossing them out. New critical facilities can be provided in the second table below. Indicate their approximate location and which facilities have a backup generator.

Critical facilities can include: Schools, Municipal Buildings, Pumping Stations, Water Towers, Power/Water/Wastewater Plants, Churches (used as shelters), Community Halls, Police/Fire/Rescue Departments, Hospitals, etc.

Table BRK.4: Critical Facilities

Name	Address / Intersection / Coordinates	Generator (Y/N)
City Wells		
Fire Hal		
Lift Station		
New Lagoon		
Sewer Lagoon		
Water Tower		

Name	Address / Intersection / Coordinates	Generator (Y/N)

Historical Occurrences

See the Nemaha County profile for historical hazard events, including the number of events, damage estimates, and any fatalities or injuries.

Hazard Prioritization

⁷ Nebraska Department of Environmental Quality. "Search Tier II Data." Accessed November 2019. <https://deq-iis.ne.gov/tier2/tier2Download.html>.

Section Seven: Village of Brock Profile

The hazards discussed in detail below were prioritized by the local planning team based on historical hazard occurrences and the community’s capabilities. For an in-depth discussion of regional hazards, please see *Section Four: Risk Assessment*.

Information to be added prior to Round 2 meetings.

Governance

The Village of Brock is governed by a five-member village board; other governmental offices and departments are listed below. The community government will oversee the implementation of hazard mitigation projects.

Please verify the following and provide any additional offices, departments, or committees:

- **Clerk**
- **Attorney**
- **Utility Superintendent**
- **Fire Chief**
- **Street Superintendent**
- **Engineer**
- **Other:** _____
- _____
- _____

Capability Assessment

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

Please complete the following tables:

Table BRK.5: Capability Assessment

Survey Components/Subcomponents		Yes/No
Planning & Regulatory Capability	Comprehensive Plan	
	Capital Improvements Plan	No
	Economic Development Plan	No
	Emergency Operational Plan	Yes
	Floodplain Management Plan	Yes
	Storm Water Management Plan	No
	Zoning Ordinance	Yes
	Subdivision Regulation/Ordinance	No
	Floodplain Ordinance	Yes
	Building Codes	No
	National Flood Insurance Program	Yes
	Community Rating System	No
	Other (if any)	

Section Seven: Village of Brock Profile

Survey Components/Subcomponents		Yes/No
Administrative & Technical Capability	Planning Commission	Yes
	Floodplain Administration	Yes
	GIS Capabilities	No
	Chief Building Official	No
	Civil Engineering	No
	Local Staff Who Can Assess Community's Vulnerability to Hazards	
	Grant Manager	No
	Mutual Aid Agreement	
	Other (if any)	
Fiscal Capability	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	Yes
	Development Impact Fees	No
	General Obligation Revenue or Special Tax Bonds	No
Other (if any)		
Education & Outreach Capability	Local citizen groups or non-profit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc. Ex. CERT Teams, Red Cross, etc.	No
	Ongoing public education or information program (e.g., responsible water use, fire safety, household preparedness, environmental education)	Yes
	Natural Disaster or Safety related school programs	No
	StormReady Certification	No
	Firewise Communities Certification	No
	Tree City USA	No
	Other (if any)	
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

Information to be added after Round 2 meeting.

Section Seven: Village of Brock Profile

Mitigation Strategy

Information to be updated after Round 1 meeting.

Completed Mitigation Actions

Mitigation Action	
Hazard(s) Addressed	
Status	

Ongoing and New Mitigation Actions

Mitigation Action	
Description	
Hazard(s) Addressed	
Estimated Cost	
Funding	
Timeline	
Priority	
Lead Agency	
Status	

Removed Mitigation Actions

Mitigation Action	
Hazard(s) Addressed	
Reason for Removal	

EXAMPLE OF MITIGATION ACTION STATUS UPDATE WORKSHEET

**CITY OF AUBURN
MITIGATION ACTION STATUS UPDATE**

Name: _____

Name: _____

FEMA requires each community to review these actions during the plan update.

Please complete the following pages **fully and in detail**.

Please feel free to make changes to the Mitigation Action description if additional/specific information is available or to update the estimated cost. Be aware that only **ONE** table should be filled out for each Mitigation Action. If you are unsure of a project status, please reach out to the appropriate community member(s) to help complete this worksheet. If you have questions at any point, please reach out to Karl Dietrich at kdietrich@jeo.com or 402-742-7213.

Below are the projects that your community identified in the 2015 Hazard Mitigation Plan.

#	Mitigation Actions	Hazard(s) Addressed	Estimated Cost (\$)
1	Backup Power Generators	Tornadoes and High Winds, Severe Winter Storms, Severe Thunderstorms	\$15,000-\$30,000 per generator
2	Storm Shelter / Safe Room	Tornadoes and High Winds, Severe Thunderstorms	\$200-\$300/sf stand alone; \$150-\$200/sf addition/retrofit
3	Public Awareness / Education	All Hazards	\$500+
4	Floodplain Regulation Enforcements/Updates	Flooding	\$4,000+
5	Maintain Good Standing in the National Flood Insurance Program (NFIP)	Flooding	N/A
6	Emergency Communications	Tornadoes and High Winds, Severe Winter Storms, Severe Thunderstorms	\$10,000+
7	Weather Radios	Tornadoes and High Winds, Severe Winter Storms, Severe Thunderstorms	\$50/radio
8	Levee/Floodwall Construction and/or Improvements	Flooding	\$500,000+
9	Hazardous Tree Removal Program	Tornadoes and High Winds, Severe Winter Storms, Severe Thunderstorms	\$1,000+
10	Civil Service Improvements	All Hazards	Varies depending on what equipment is needed
11	Alert Sirens	Tornadoes and High Winds, Severe Winter Storms, Severe Thunderstorms	\$15,000+
12	Tree City USA – Tree Maintenance Programs	Tornadoes and High Winds, Severe Winter Storms, Severe Thunderstorms	\$1,000+

COMPLETE ONE OPTION BELOW

Action 1	Description	Cost (\$)
Backup Power Generators	Provide a portable or stationary source of backup power to redundant power supplies, municipal wells, lift stations, and other critical facilities and shelters.	\$15,000-\$30,000 per generator

<input type="checkbox"/> Yes, the project was completed:	
When was the project completed?	
Where was the project located?	
How was the project funded?	

OR

<input type="checkbox"/> No, the project has not been completed, but is still needed				
Circle the current status of the project	Not Started	Planning Stage	In Progress	Ongoing
What types of <u>local</u> funding will support this project? (e.g. bonds or CDBG funds)				
How long will it take to complete this project?	1 year	2-5 years	5+ years	
Is this project a high, medium, or low priority?	High	Medium	Low	
What specific department or office will lead this project?				
Where will this project be located?				
Other important information?				

OR

<input type="checkbox"/> The project is no longer needed
<i>Explanation for Removal:</i>

Project #1

COMPLETE ONE OPTION BELOW

Action 2	Description	Cost (\$)
Storm Shelter / Safe Rooms	Design and construct fully supplied storm shelters and safe rooms for Calvert Elementary (~400 students)	\$200-\$300/sf stand alone; \$150-\$200/sf addition/retrofit

<input type="checkbox"/> Yes, the project was completed:	
When was the project completed?	
Where was the project located?	
How was the project funded?	

OR

<input type="checkbox"/> No, the project has not been completed, but is still needed				
Circle the current status of the project	Not Started	Planning Stage	In Progress	Ongoing
What types of <u>local</u> funding will support this project? (e.g. bonds or CDBG funds)				
How long will it take to complete this project?	1 year	2-5 years	5+ years	
Is this project a high, medium, or low priority?	High	Medium	Low	
What specific department or office will lead this project?				
Where will this project be located?				
Other important information?				

OR

<input type="checkbox"/> The project is no longer needed
<i>Explanation for Removal:</i>

Project #2

COMPLETE ONE OPTION BELOW

Action 3	Description	Cost (\$)
Public Awareness / Education	Through activities such as outreach projects, distribution of maps and environmental education increase public awareness of natural hazards to both public and private property owners, renters, businesses, and local officials about hazards and ways to protect people and property from these hazards. In addition, educate citizens on erosion control and water conservation methods. Educate residents on response and rescue plans for all hazard types.	\$500+

<input type="checkbox"/> Yes, the project was completed:	
When was the project completed?	
Where was the project located?	
How was the project funded?	

OR

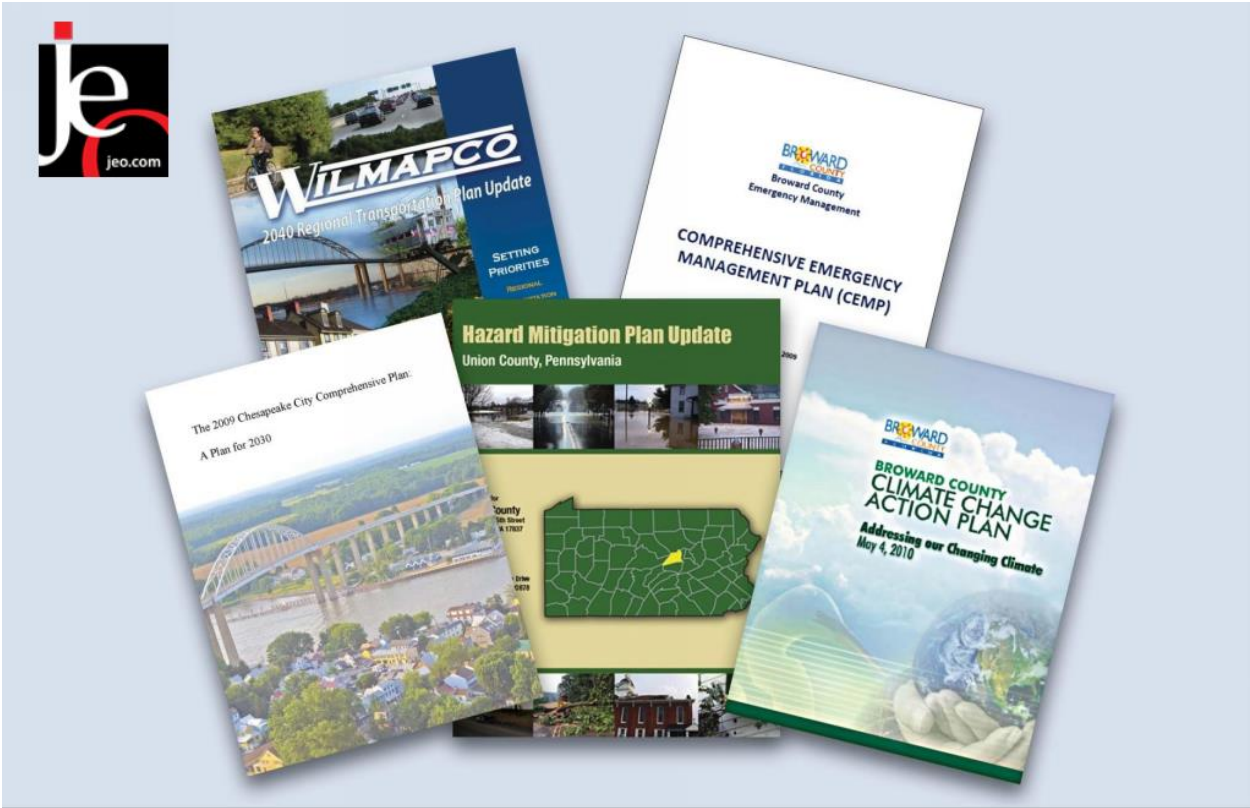
<input type="checkbox"/> No, the project has not been completed, but is still needed				
Circle the current status of the project	Not Started	Planning Stage	In Progress	Ongoing
What types of <u>local</u> funding will support this project? (e.g. bonds or CDBG funds)				
How long will it take to complete this project?	1 year	2-5 years	5+ years	
Is this project a high, medium, or low priority?	High	Medium	Low	
What specific department or office will lead this project?				
Where will this project be located?				
Other important information?				

OR

<input type="checkbox"/> The project is no longer needed
<i>Explanation for Removal:</i>

Project #3

EXAMPLE OF PLAN INTEGRATION WORKSHEET



Nemaha NRD

HAZARD MITIGATION PLAN PLAN INTEGRATION WORKSHEET

JEO CONSULTING GROUP
APRIL 2020

Name(s): _____ Jurisdiction: _____

INTRODUCTION

Thank you for participating in the Nemaha 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 Friday, May 29, 2020.

Email: kdietrich@jeo.com

Phone: 402-742-7213

Fax: 402-435-4110

Mail: JEO Consulting Group
c/o Karl Dietrich
2700 Fletcher Ave
Lincoln, NE 68504

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		
Emergency Operations Plan		
Zoning Ordinance		
Building Code		
Capital Improvements Plan		
Floodplain Regulations/Ordinance		
Stormwater Management Plan/Regulations		
Wellhead Protection Plan		
Subdivision Regulations		
Other:		
Other:		
Other:		
Other:		
Other:		

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

How are the goals/objectives in your comprehensive plan consistent with those in the hazard mitigation 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

Direct development away from the floodplain: Yes No In future update

Direct development away from chemical storage facilities: Yes No In future update

Direct development away from major transportation routes: 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

Encourage elevation of structures located in the floodplain: 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

Allow for emergency access to all areas of town: Yes No In future update

If no, please identify areas of concern:

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.

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.

Does 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

Prohibit development within the floodplains? 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 subdivision regulations allow density transfers in hazard areas?
 Yes No In future update

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

BUILDING CODE

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

Do the building codes:

Require elevation of structures in the floodplain? Yes No In future update

Require mechanical systems to be elevated for structures in the floodplain?
 Yes No In future update

Require sewer backflow valves for structures in the floodplain? Yes No In future update

Outline proper sump pump installation? Yes No In future update

Require onsite storm water detention for commercial structures? Yes No In future update

Allow for raingardens in residential areas? Yes No In future update

Encourage the use of permeable surfaces? Yes No In future update

Encourage the use of hail resistant building materials? Yes No In future update

Require hurricane clips during construction? Yes No In future update

Require a safe room in multiple dwelling units (duplexes, apartments, etc.)?
 Yes No In future update

Encourage the use of fire-resistant building materials? Yes No In future update

Require the use of fire-resistant building materials? Yes No In future update

Require defensible space around structures built in the ETJ? Yes No In future update

Which hazards are specifically mentioned in the building codes?

What other ways are the principals of hazard mitigation incorporated into the local building codes?

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?

ANNUAL MUNICIPAL BUDGET

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

Are a large portion of municipal funds already dedicated to a specific project? If yes, which project (i.e. installing a new municipal well or improving transportation routes).

How has the amount of municipal funds increased or decreased over recent years?

Which projects identified in the hazard mitigation plan are already included in the municipal budget?

WELLHEAD PROTECTION PLAN

Is there a plan or timeline to update your Wellhead Protection Plan? Yes No

If yes, explain the plan or timeline.

Does the plan identify specific areas with ground water contamination? Yes No

If yes, where.

Are there signs in place to alert community members of the wellhead protection area?

Yes No In future update

Are there decommissioned/abandoned wells that need to be sealed?

Yes No In future update

Is the community a member of NEWARN?

Yes No In future update

Is there a water conservation plan in place?

Yes No In future update

Is there a drought plan in place?

Yes No In future update