

APPENDIX B

PUBLIC MEETING MATERIALS AND WORKSHEETS

CONTENTS:

1. Example of Hazard Identification Worksheet
2. Example of Community Profile with Questions
3. Example of Mitigation Action Status Update Worksheet
4. Example of Plan Integration Worksheet

THIS PAGE IS INTENTIONALLY BLANK

EXAMPLE OF HAZARD IDENTIFICATION WORKSHEET



LOWER PLATTE NORTH NRD 2020 HAZARD MITIGATION PLAN UPDATE
LPNNRD Hazard Identification

Jurisdiction _____ Name(s) _____

For this exercise, please think about the following questions: What types of impacts has your district experienced from hazards? Have there been any injuries or fatalities? How prepared was your district for these events? Were critical facilities damaged? Are certain hazards becoming more frequent?

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

- | | | |
|-------------------------------------|-----------------|----------------------------|
| Agricultural Animal & Plant Disease | Drought | Levee Failure |
| Chemical Spills - Fixed Site | Extreme Heat | Severe Thunderstorms |
| Chemical Spills - Transportation | Flooding | Severe Winter Storms |
| Dam Failure | Grass/Wildfires | Terrorism & Civil Disorder |
| | Hail | Tornadoes |
| | High Winds | |

HAZARD TYPE		COUNT	PROPERTY DAMAGE	CROP DAMAGE
Agricultural Disease	Animal Disease	59	5,161 animals	N/A
	Plant Disease	45	N/A	\$251,654
Chemical Spills - Fixed Site <i>2 injuries</i>		37	\$0	N/A
Chemical Spills - Transportation		27	\$79,774	N/A
Dam Failure		2	\$0	N/A
Drought		237/1,492 months	N/A	\$83,435,371
Extreme Heat <i>1 fatality</i>		Avg. 4 days/year	N/A	\$9,913,733
Flooding	Flash Flood	52	\$492,500	\$4,955,821
	Flood	70	\$2,498,000	
Grass/Wildfires <i>3 injuries, 2 fatalities</i>		784	4,493 acres	\$15,781
Hail		396	\$14,251,000	\$22,118,482
High Winds		60	\$5,000	\$3,628,608
Levee Failure		8	N/A	N/A
Severe Thunderstorms <i>17 injuries</i>	Thunderstorm Wind	290	\$350,000	N/A
	Heavy Rain	7	\$0	\$29,140,837
	Lightning	6	\$303,000	N/A
Severe Winter Storms <i>2 injuries, 4 fatalities</i>	Blizzard	27	\$0	\$1,195,961
	Extreme Cold/Wind Chill	13	\$0	
	Heavy Snow	14	\$3,000,000	
	Ice Storm	8	\$0	
	Winter Storm	131	\$0	
	Winter Weather	31	\$0	
Terrorism & Civil Disorder		0	\$0	N/A
Tornadoes		44	\$2,068,000	\$39,128

EXAMPLE OF COMMUNITY PROFILE WITH QUESTIONS

COMMUNITY PROFILE

VILLAGE OF LESHARA

LOWER PLATTE NORTH 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.

Appendix B: Public Meeting Materials and Worksheets

Section Seven: Village of Leshara Community Profile

LOCAL PLANNING TEAM

Table LSH.1: Village of Leshara Local Planning Team

NAME	TITLE	JURISDICTION

LOCATION AND GEOGRAPHY

The Village of Leshara is in the northeastern portion of Saunders County and covers an area of 0.07 square miles. It is in the rolling hills region of Nebraska, about one mile west of the Platte River. Otoe Creek runs from west to east along the southern border of Leshara. The land surrounding the village is agricultural, used primarily for row crop production and pasturing.

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. Leshara's major transportation corridor is Country Road 7, connecting it to Nebraska State Highway 64. Country Road 7 is traveled by a total annual average of 570 vehicles daily, 55 of which are trucks.¹ A Burlington Northern Santa Fe rail line runs along the eastern border of the village.

What transportation routes are of most concern?

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

What significant transportation events have occurred locally that resulted in chemical spills or releases?

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

Appendix B: Public Meeting Materials and Worksheets

Section Seven: Village of Leshara Community Profile

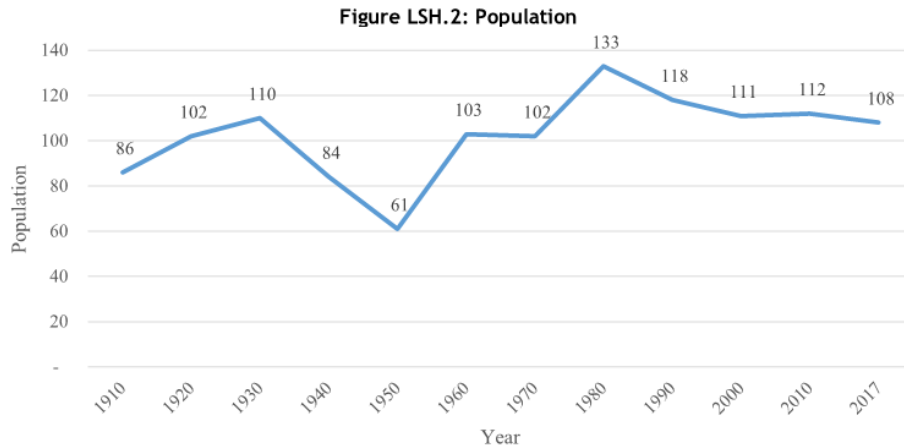
Figure LSH.1: Village of Leshara



Section Seven: Village of Leshara Community Profile

DEMOGRAPHICS

The Village of Leshara’s population remained stable at 112 people in 2010 to about 108 people in 2017. Leshara’s population accounted for 0.5% of Saunders County’s population in 2017.²



Source: U.S. Census Bureau, 1910 - 2017

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

- **Slightly younger.** The median age of Leshara was 35 years old in 2017, compared with Saunders County’s median of 41 years. Leshara’s population grew younger since 2010, when the median age was 36.3 years old.²
- **Less ethnically diverse.** Since 2010, Leshara grew less ethnically diverse. In 2010, 8.4% of Leshara’s population was Hispanic or Latino. By 2017, about 1.2% was Hispanic or Latino. During that time, the Hispanic population in the county grew from 1.9% in 2010 to 2.1% in 2017.²
- **More likely to be below the federal poverty line.** The poverty rate in Leshara (12.7% of people living below the federal poverty line) was higher than the county’s poverty rate (9.0%) in 2017.³

EMPLOYMENT AND ECONOMICS

The Village of Leshara’s economic base is a mixture of educational services, and health care and social assistance. In comparison to Saunders County, Leshara’s economy had:

- **Smaller mix of industries.** Two major employment sectors, accounting for 10% or more of employment each, were: educational services, and health care and social assistance; and retail trade.³
- **Lower per capita income.** Leshara’s median household income in 2017 (\$26,748) was about \$4,415 lower than the county (\$31,163).³

² United States Census Bureau. “American Fact Finder: S0101: Age and Sex.” [database file]. <https://factfinder.census.gov/>.

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

Appendix B: Public Meeting Materials and Worksheets

Section Seven: Village of Leshara Community Profile

- **Fewer long-distance commuters.** About 34.8% of workers in Leshara commuted for fewer than 15 minutes, compared with about 31.4% of workers in Saunders County. About 30.3% of workers in Leshara commuted 30 minutes or more to work, compared to about 43.2% of county workers.⁴

MAJOR EMPLOYERS

Most residents of Leshara commute to other communities for work. Many are employed at Valmont Industries in the City of Columbus and 3M Manufacturing in the City of Valley.

HOUSING

In comparison to Saunders County, Leshara's housing stock was:⁵

- **Older.** Leshara had a larger share of housing built prior to 1970 than the county (67.4% compared to 51.8%).
- **The same amount of mobile and manufactured housing.** Leshara had a similar share of mobile and manufactured housing (2.4%) compared to the county (2.5%).
- **More renter-occupied.** About 22.8% of occupied housing units in Leshara were renter-occupied compared with 20.9% of occupied housing in Saunders County.
- **Occupied.** Approximately 6.6% of Leshara's housing units were vacant compared to 14.4% of units in Saunders 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 the mobile homes in the community located?

FUTURE DEVELOPMENT TRENDS

No major developments have occurred within Leshara in the past five years, and none are currently planned.

According to the census data, Leshara's population is stable. What factors are contributing to this stability?

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 Leshara Community Profile

Is the future land use map available?

Figure LSH.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 LSH.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
54	\$2,947,340	\$54,580	21	\$643,370

Source: GIS Workshop/Saunders County Assessor, 2019⁶

CRITICAL INFRASTRUCTURE

CHEMICAL STORAGE FIXED SITES

According to the Tier II System reports submitted to the Nebraska Department of Environmental Quality, there are no fixed hazardous chemical storage sites within two miles of Leshara.⁷

CRITICAL FACILITIES

The planning team identified critical facilities necessary for the Village of Leshara’s disaster response and continuity of operations. Critical facilities were identified during the 2015 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 and map from the previous hazard mitigation plan. Please review and update where needed. Additional critical facilities can be provided in the second table below. Indicate 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, Daycares, Hospitals, Nursing Homes, Long/Short Term Care Facilities, etc.

Table LSH.4: Critical Facilities

CF NUMBER	NAME	RED CROSS SHELTER (YES/NO)	GENERATOR (YES/NO)	IN FLOODPLAIN (YES/NO)
1	Warning Siren			
2	Fire Well			

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

⁷ Nebraska Department of Environmental Quality, 2019. "Nebraska DEQ Tier 2 Data Download: 2019." <https://deq-iis.ne.gov/tier2/tier2Download.html>.

Appendix B: Public Meeting Materials and Worksheets

Section Seven: Village of Leshara Community Profile

CF NUMBER	NAME	RED CROSS SHELTER (YES/NO)	GENERATOR (YES/NO)	IN FLOODPLAIN (YES/NO)

DRAFT

Appendix B: Public Meeting Materials and Worksheets

Section Seven: Village of Leshara Community Profile

Figure LSH.4: Critical Facilities
Please locate critical facilities on the map below.



Appendix B: Public Meeting Materials and Worksheets

Section Seven: Village of Leshara Community Profile

HISTORICAL OCCURRENCES

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

HAZARD PRIORITIZATION

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 meeting.

GOVERNANCE

The Village of Leshara 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/Treasurer**
- **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 LSH.5: Capability Assessment

	SURVEY COMPONENTS/SUBCOMPONENTS	YES/NO
Planning & Regulatory Capability	Comprehensive Plan	
	Capital Improvements Plan	
	Economic Development Plan	
	Emergency Operational Plan	
	Floodplain Management Plan	
	Storm Water Management Plan	
	Zoning Ordinance	
	Subdivision Regulation/Ordinance	
	Floodplain Ordinance	

Appendix B: Public Meeting Materials and Worksheets

Section Seven: Village of Leshara Community Profile

SURVEY COMPONENTS/SUBCOMPONENTS		YES/NO
Administrative & Technical Capability	Building Codes	
	National Flood Insurance Program	
	Community Rating System	
	Other (if any)	
	Planning Commission	
	Floodplain Administration	
	GIS Capabilities	
	Chief Building Official	
	Civil Engineering	
	Local Staff Who Can Assess Community's Vulnerability to Hazards	
	Grant Manager	
	Mutual Aid Agreement	
	Other (if any)	
Fiscal Capability	Capital Improvement Plan/ 1 & 6 Year plan	
	Applied for grants in the past	
	Awarded a grant in the past	
	Authority to Levy Taxes for Specific Purposes such as Mitigation Projects	
	Gas/Electric Service Fees	
	Storm Water Service Fees	
	Water/Sewer Service Fees	
	Development Impact Fees	
	General Obligation Revenue or Special Tax Bonds	
	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.	
	Ongoing public education or information program (e.g., responsible water use, fire safety, household preparedness, environmental education)	
	Natural Disaster or Safety related school programs	
	StormReady Certification	
	Firewise Communities Certification	
	Tree City USA	
	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		

Appendix B: Public Meeting Materials and Worksheets

Section Seven: Village of Leshara Community Profile

PLAN INTEGRATION

Information to be added prior to Round 2 meeting.

MITIGATION STRATEGY

Information to be added prior to Round 2 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

VILLAGE OF GARRISON MITIGATION ACTION STATUS UPDATE

Name: _____

Name: _____

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

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.

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

#	Mitigation Actions	Hazard(s) Addressed
1	Backup generators	Extreme heat, flooding, high winds, severe thunderstorms, severe winter storms, tornadoes
2	Storm Water System Improvements	Flooding
3	Hazardous Tree Removal Program	High wind events, tornadoes

COMPLETE ONE OPTION BELOW

Action 1	Description
Backup Generators	Design and construct storm shelters and safe rooms in all schools in the district.

<input type="checkbox"/> Yes, the project was completed:	
When was the project completed?	
Where was the project located?	
What was the project cost?	
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)				
What is the estimated cost?				
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
Storm Water System Improvements	Storm water system improvements may include pipe upsizing and additional inlets. Retention and detention facilities may also be implemented to decrease runoff rates while also decreasing the need for other storm water system improvements.

<input type="checkbox"/> Yes, the project was completed:	
When was the project completed?	
Where was the project located?	
What was the project cost?	
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 local funding will support this project? (e.g. bonds or CDBG funds)			
What is the estimated cost?			
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
Hazardous Tree Removal Program	Identify and remove hazardous limbs and/or trees

<input type="checkbox"/> Yes, the project was completed:	
When was the project completed?	
Where was the project located?	
What was the project cost?	
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)				
What is the estimated cost?				
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



Lower Platte North NRD

HAZARD MITIGATION PLAN

PLAN INTEGRATION WORKSHEET

JEO CONSULTING GROUP
FEBRUARY 2020

Name(s): _____ Jurisdiction: _____

Appendix B: Public Meeting Materials and Worksheets

INTRODUCTION

Thank you for participating in the Lower Platte North NRD Hazard Mitigation Plan.

The Hazard Mitigation Plan determines vulnerabilities to natural and man-made 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, March 13th, 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 community 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.**

Appendix B: Public Meeting Materials and Worksheets

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 the comprehensive plan contain current and future land use maps? Yes No

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

Direct development away from dam inundation areas: 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

Appendix B: Public Meeting Materials and Worksheets

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

Encourage the use of drought tolerant plant materials: Yes No In future update

Encourage strengthening retrofits to historic structures: 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.

Please provide a copy of the Future Land Use Map (if available) for review and inclusion in the hazard mitigation plan.

Appendix B: Public Meeting Materials and Worksheets

EMERGENCY OPERATIONS PLAN

Does your community have its own Emergency Operations Plan, or is it an annex to the county's plan?

Is there a plan or timeline to update your Emergency Operations Plan? Yes No

If yes, explain the plan or timeline.

Does your Emergency Operations Plan:

Address the hazards of greatest concern for your community? Yes No In future update

Assign specific responsibilities to individual communities? Yes No In future update

Provide clear assignment of responsibility during an emergency? Yes No In future update

Identify scenarios that would require evacuation? Yes No In future update

Identify critical evacuation routes? Yes No In future update

Identify routes vulnerable to flooding? Yes No In future update

Identify sheltering locations? Yes No In future update

Identify enough sheltering locations to meet the local need? Yes No In future update

Identify opportunities for mitigation following a disaster? Yes No In future update

Identify any gaps related to any particular hazard? Yes No In future update

Which offices and departments in your community are familiar with the emergency operations plan?

ZONING ORDINANCE

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

If yes, explain the plan or timeline.

Does the zoning ordinance:

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 floodways, or 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 natural hazard layers? 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

Account for current population trends? Yes No In future update

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

Appendix B: Public Meeting Materials and Worksheets

BUILDING CODE

If the building codes are based on the International Building Codes, what year/version is in effect? (If you are unsure who would be able to provide this information?)

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

Encourage the use of native/drought resistant plantings? Yes No In future update

Which hazards are specifically mentioned in the building codes?

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

CAPITAL IMPROVEMENT PROGRAM

Is there a plan or timeline to update your Capital Improvement Program? 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
- Installing street aprons to facilitate drainage? 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

Appendix B: Public Meeting Materials and Worksheets

- 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
- 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?

Are the projects included in the hazard mitigation plan consistent with the priorities established in the capital improvement plan? If no, please explain.

Appendix B: Public Meeting Materials and Worksheets

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?

What public outreach and education activities are included in the plan?

Does the plan include policies that regulate development in upland areas to reduce stormwater run-off?

Appendix B: Public Meeting Materials and Worksheets

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

Do zoning ordinances currently include a wellhead protection district?

Yes No In future update

Do current ordinances include well setback requirements? Yes No In future update

Are there decommissioned/abandoned wells that should 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

Are there outreach programs in place to inform/encourage agricultural best management practices?

Yes No In future update

SUBDIVISION REGULATIONS

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

If yes, explain the plan or timeline.

Are there regulations that provide for conservation subdivisions or cluster subdivisions in order to conserve environmental resources?

Yes No In future update

Are there regulations that 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

Do the subdivision regulations allow for density transfers to avoid building in natural hazard areas?

Yes No In future update

Appendix B: Public Meeting Materials and Worksheets

OTHER PLANS

Please list the titles of other plans that your community currently has:

1. Title of Plan _____
Year of Plan _____

2. Title of Plan _____
Year of Plan _____

3. Title of Plan _____
Year of Plan _____

4. Title of Plan _____
Year of Plan _____

5. Title of Plan _____
Year of Plan _____

6. Title of Plan _____
Year of Plan _____

7. Title of Plan _____
Year of Plan _____

8. Title of Plan _____
Year of Plan _____

9. Title of Plan _____
Year of Plan _____

10. Title of Plan _____
Year of Plan _____