APPENDIX B
PUBLIC MEETING MATERIALS AND WORKSHEETS

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

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HAZARD ID WORKSHEET

Oglala Sioux Tribe Hazard Mitigation Plan Update

Hazard Identification

Name: _____ Community Represented: _____

Information regarding severe weather events was collected from the NCEI Storm Events Database, which reported 1,478 events for the Pine Ridge Reservation from January 1996 to December 2017. Refer to the table below for detailed information of each severe weather event including date, magnitude, and property damage.

Table 1: NCDC Severe Weather Events

Hazard	Quantity	Deaths	Injuries	Property Damages
Severe Winter Storm	233	0	0	$56,223,000
Flood	40	0	2	$564,000
Severe Thunderstorm Average: 56 kts Largest: 83 kts Smallest: 50 kts	450	2	14	$2,055,000
High Winds Average: 50 kts Largest: 75 kts Smallest: 35 kts	139	0	0	$75,000
Tornado Average: EF0 Smallest: EF0 Largest: EF2	31	1	55	$3,570,000
Hail Average: 1.24 in Largest: 4.25 in Smallest: 0.75 in	585	0	0	$2,960,500
Total	1,478	3	71	$65,447,500

Source: 1996-2017 National Climatic Data Center
kts = knots

Table 2: USDA RMA Severe Weather Events

Hazard	Total Crop Damage	Average Annual Damage
Plant Crop Disease	$619,157	$36,421
Drought	$42,911,671	$2,524,216
Extreme Heat	$906,970	$53,351
Flood	$47,146	$2,773
Hail	$14,190,786	$834,752
High Winds	$1,803,286	$106,075
Thunderstorms	$9,287,058	$546,298
Tornado	$8,160	$480
Winter Storms	$13,454,899	$791,465
Totals	$83,229,133	$4,895,831

Source: 2000-2017 USDA RMA

Oglala Sioux Tribe Hazard Mitigation Plan Update

Hazard Identification

For this exercise, please think about the following questions in conjunction with the information provided in the table: What types of impacts did your community experience from natural and man-made hazards? Have there been any known deaths or injuries from hazards? How prepared was your community 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 community:

From Last Plan:

- Civil Disorder
- Communicable Disease
- Nuclear Accidents (no nuclear power stations nearby – likely not a concern)
- Shallow Landslide (there were no records listed in the last plan)
- Shortage of Critical Materials
- Terrorism
- Transportation Accidents
- Urban Fires

From State Plan:

- Agricultural Pests & Diseases
- Geologic Hazards
- Hazardous Materials
- Windstorm

JEO Suggestions:

- Extreme Heat
- Hail
- High Winds
- Chemical Spills (Fixed)
- Chemical Spills (Transportation)

For Sure to Include:

- Dam Failure
- Drought
- Flooding
- Thunderstorms
- Winter Storms
- Tornadoes
- Wildfire
- Hazardous Materials Incidents (this can include both fixed and transportation chemical spills)

COMMUNITY PROFILE DRAFT

COMMUNITY PROFILE

TOWN OF BATESLAND

Oglala Sioux Tribe and Oglala Lakota County Hazard Mitigation Plan Update

2019

Name(s): _____

Date: _____

As you read through this Preliminary Draft you will find several questions in red italics. Please answer these questions to the best of your ability. Your responses will be utilized to finalize this Community Profile. If you are unsure of any questions, please think about who could be contacted and included on the local planning team to provide the information, and where possible, please provide their name and position in the community. Additionally, please feel free to make any other comments or revisions to this document.

Local Planning Team

Table BTL.1: Batesland Local Planning Team

Name	Title	Jurisdiction
Mark Donovan	Mayor	Batesland
Nicole Schultz	Town Board Member	Batesland
Rena Conroy	Clerk and Financial Administrator	Batesland

Location and Geography

The Town of Batesland is located in the western portion of Oglala Lakota County and covers an area of 0.1 square miles.

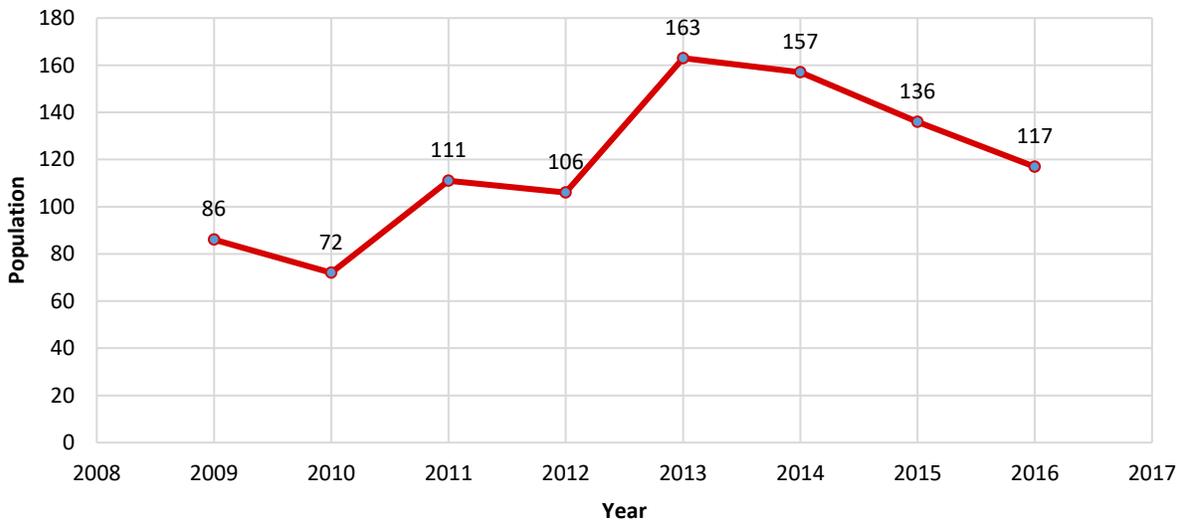**Figure BTL.1: Town of Batesland**

Transportation

Batesland's major transportation corridors include U.S. Highway 18 with an average of 1,026 vehicles and 133 trucks traveling through per day. Highway 18 is the primary road which runs throughout the entire community and connects it to other communities throughout the planning area. There are no rail lines located within the county. There are no commercial or private airports located within the community. Transportation information is important to hazard mitigation plans because it suggests possible evacuation corridors in the community, as well as areas more at risk to transportation incidents.

- *What transportation routes are of most concern?*

- *Are chemicals regularly transported along local routes? If yes, do you know what chemicals?*

- *Were there significant transportation events that occurred locally?*

Demographics

Batesland's population grew from about 72 people in 2000 to its highest of 163 in 2013; however, since 2013 the population has declined to 117. Batesland's accounted for five percent of Oglala Lakota County's population in 2016.

Figure BTL.2: Population 2009-2016

Source: U.S. Census Bureau

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

- **Similarly aged.** The median age of Batesland was 27.6 years old in 2016, compared with the County average of 24.6 years. Batesland's population grew younger since 2010, when the median age was 31.5 years old. Batesland had a slightly smaller proportion of people under 20 years old (35.9%) than the County (41.5%).

- **Less ethnically diverse**. Since 2010, Batesland grew less ethnically diverse. In 2010, 81% of Batesland's population was American Indian and 19% was white. By 2016, 97% of the population was American Indian with the remaining 3% being white. In 2016 the county included 93% American Indian, 5% White, and 2% of the population was two or more races.
- **Less likely to be below the federal poverty line.** The poverty rate in Batesland (41% of families living below the federal poverty line) was lower than the County's poverty rate (54%) in 2016. The county has the highest poverty rate in South Dakota.

Employment and Economics

The Batesland economic base is primarily based on finance and education. In comparison to Oglala Lakota County, the town's economy had:

- **Similar mix of industries.** Batesland's major employment sectors, accounting for 10% or more of employment each, were: Finance and Insurance; and Educational Services.
- **Higher household income.** Batesland's median household income in 2016 ($48,125) was about $21,800 higher than the County ($26,330).
- **More long-distance commuters.** About 54% percent of workers in Batesland commuted for fewer than 15 minutes, compared with about 58% of workers in Oglala Lakota County. About 40% of workers in Batesland commute 30 minutes or more to work, compared to about 20% of the County workers.

Major Employers
- *Who are the major employers in the community?*

- *Do a large percentage of resident's commute to other communities? If so, to where?*

Housing

In comparison to Oglala Lakota County, Batesland's housing stock was:

- **More Occupied.** Batesland has a slightly higher occupancy rate (87.1%) of housing than the county (81.8%).
- **Less renter-occupied**. About 14.8% of occupied housing units in Batesland are renter occupied compared with 46.6% of occupied housing in Oglala Lakota County.
- **Older housing.** Batesland had a larger share of housing built prior to 1970 than the County (35.6% compared to 22%).
- **More multifamily.** The predominant housing type in the town is single family detached (61.3%), while the remainder of homes in Batesland are mobile homes (38.7%). The county is similar with single family detached homes (60.2%) and mobile homes (32.9%) providing the majority of housing. Mobile homes are located throughout the town.

This housing information is relevant to hazard mitigation 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, tornados, and severe winter storms.

- *Is the current housing stock sufficient to fill the needs of the community?*

Future Development Trends

- *What has changed over the past five years? (For example: new housing or businesses? Demolished buildings?)*

- *According to the census data, Batesland's population is fluctuating. What factors are contributing to this change? Are there new opportunities or specific employers that are attracting people to the area? What is causing people to move out of the area?*

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

- *Any new businesses or industry planned?*

- *Is there a future land use map available?*

Structural Inventory and Valuation

The planning team requested GIS parcel data from the County Assessor. This data allowed the planning team to analyze 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.

Table to be added at a later date.

Critical Infrastructure/Key Resources

Chemical Storage Fixed Sites

According to the Tier II System reports submitted to the South Dakota Department of Environment and Natural Resources, there are a total of three chemical storage sites in Batesland which are listed below. According to the National Response Center, no fixed chemical spills have occurred locally.

Table XX. 6: Chemical Storage Fixed Sites

Facility Name	In Floodplain?	Type	Oglala Lakota County
Batesland Highway Yard		Above Ground Storage Tank	Bennett County Co-Op Assn.
Batesland COOP		Above Ground Storage Tank	Oglala Lakota County School District 65-1
Batesland Bus Garage		Above Ground Storage Tank	Oglala Lakota County

Source: South Dakota Department of Environment and Natural Resources, 2018

- *What are your concerns regarding chemical fixed sites in your community?*

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

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

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

- *Are residents near chemical storage fixed sites educated about the threat and appropriate response?*

- *What are the local response resources? Do they have protective gear and training?*

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. 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.

Please provide the type, name and address of critical facilities in your community in the following table. Please list if these facilities have a generator and are a shelter.

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, etc.

Table XX.8: Critical Facilities

CF #	Name	Address	Red Cross Shelter (Y/N)	Generator (Y/N)	Located in Floodplain (Y/N)
	Public Works Department				
	Public Works				
	County Highway Shop				
	Batesland Fire Station				
	Batesland City Hall				
	Oglala Lakota Schools				

Figure XX.6: Critical Facilities
Map to be added later.

Historic and Cultural Sites

According to the National Park Service and U.S. National Register of Historic Places, there is one historical site located near Batesland. The Wounded Knee Battlefield is the location of the Wounded Knee Massacre which occurred in 1890.

SITE NAME	ADDRESS	DATE LISTED	IN FLOODPLAIN?
Wounded Knee Battlefield	11 miles west of Batesland, SD	10/15/1966	

Source: National Park Service

Historical Occurrences

See the hazard profiles in *Section Four: Risk Assessment* for descriptions of significant historical hazard events.

Hazard Prioritization

For an in-depth discussion regarding area wide hazards, please see *Section Four: Risk Assessment*. The hazards discussed in detail below were prioritized by the local planning team based on the identification of hazards of greatest concern, hazard history, and the jurisdiction's capabilities.

Top Five Hazards:

- _____
- _____
- _____
- _____
- _____

Governance

A community's governance indicates the number of boards or offices that may be available to help implement hazard mitigation actions. Batesland has a number of offices or departments that may be involved in implementing hazard mitigation initiatives. Batesland is goverened by a Mayor and a ____member town board. The following offices may also assist in implementing mitigation actions.

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

- ☐ Mayor
- ☐ Clerk/Treasurer
- ☐ Town Board
- ☐ Chamber of Commerce
- ☐ Housing Authority
- ☐ Civil Service Commission
- ☐ Planning Commission
- ☐ Fire Department
- ☐ Police Department
- ☐ Public Works
- ☐ City Administrator
- ☐ City Attorney
- ☐ Streets/Parks Commissioner
- ☐ Water and Sewer Department
- ☐ Volunteer Fire Department

- ☐ Other:_____

- ☐ _____

Capability Assessment

The capability assessment consisted of two main components: a Capability Assessment Survey completed by the jurisdiction and a review of local existing policies, regulations, plans, and the programs. The survey is used to gather information regarding the jurisdiction's planning and regulatory capability; administrative and technical capability; fiscal capability; and educational and outreach capability.

Please complete the right column in the following table for your community:

Table XX.14: 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	
	Building Codes	
	National Flood Insurance Program	
	Community Rating System	
	Other (if any)	
Administrative & Technical Capability	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	No
	Firewise Communities Certification	No
	Tree City USA	No
	Other (if any)	

Overall Capability	Limited/Moderate/High
Does your community have the financial resources needed to implement mitigation projects?	
Does your community have the staff/expertise to implement projects?	
Does your community have the community support to implement projects?	
Does your community staff have the time to devote to hazard mitigation?	

Plan Integration

Summary to be completed at a later date. Please provide any planning documents (i.e. comprehensive plans, zoning ordinance, building codes, capital improvement plans, etc.) to JEO staff members.

Mitigation Strategy

Mitigation actions will be determined at a later date. A second one-on-one meeting will be needed later in the planning process.

MITIGATION ACTION STATUS UPDATE WORKSHEET

OGLALA SIOUX TRIBE
MITIGATION ACTION STATUS UPDATE

Name: _____

FEMA requires each community to review these actions during the plan update. Below are the projects that your community identified in the 2014 Hazard Mitigation Plan. We will be going over these actions as a group, but will focus on the following questions:

- **Status:** Has this project been **Completed**, is **In Progress**, is **Still Needed**, or should be **Removed?**
- **Priority:** What is the priority level? (High, Medium, or Low)
- **Timeline:** What is the timeline for the project? (1 year, 2-5 years, or 5+ years to completion)
- **Funding:** What funding sources are options?
- **Agency:** Who is the lead agency?

#	Mitigation Actions	Status	Priority	Timeline	Funding	Agency
1	Anchor Mobile Homes					
2	Building Code Enforcement					
3	Educate Public on Disaster Preparation					
4	Education on Mitigation Measures					
5	Establish Building Codes					
6	Establish Family Shelters					
7	Establish School Shelters					
8	Guidance for Evacuators					
9	Improve Emergency Communications System					

#	Mitigation Actions	Status	Priority	Timeline	Funding	Agency
10	Improve Emergency Transportation System					
11	Improve Warning Systems					
12	Instruction on Utility Shut Off					
13	Inventory all Assets for Critical Facilities Protection					
14	Mutual Aid Agreements for Emergency Response					
15	Protect Critical Facilities in Flood Zones					
16	Provide Backup Generators for Critical Facilities					
17	Provide Emergency Supply Kits					
18	Provide for Planning and Zoning for Building Projects					
19	Provide for Structural Fire-Fighting Equipment					
20	Provide Improved Weather Alert System					
21	Provide Sirens in All Large Population Areas					
22	Rebuild Unsafe Structures					
23	Seek Funding for Mitigation Projects					
24	Training for First Responder Team					
25	Update Emergency Operations Plan					

Oglala Sioux Tribe Hazard Mitigation Plan | 2019

CAPABILITY ASSESSMENT

OGLALA SIOUX TRIBE
CAPABILITY ASSESSMENT

Name: _____

Please check the right column in the following tables for Oglala Sioux Tribe. The table includes responses from the 2014 HMP. If there have been changes or updates, please cross out the answer and provide the updated answer and date.

Survey Components/Subcomponents		Status – Yes/No
Planning and Regulatory Capability	Comprehensive Plan	No
	Capital Improvements Plan	No
	Economic Development Plan	Yes
	Tribal Emergency Plan	Yes
	Floodplain Management Plan	No
	Storm Water Management Plan	Yes, Water and Sewer Dept.
	Zoning Ordinance	No
	Subdivision Regulation/Ordinance	No
	Floodplain Ordinance	No
	Building Codes	Yes, OST Housing
	National Flood Insurance Program	No
	Community Rating System	No
	Wildland Fire Plan	Yes (BIA)
	Transportation Plan	Yes, OST Transportation Dept.
	Land Use Plan	Yes, OST Land Office/BIA
	Storm Water Ordinance	Yes
	Historical Preservation Ordinance	Yes
	Debris Management Plan	Yes (by district)
	Other (if any)	
Survey Components/Subcomponents		Status – Yes/No
Administrative & Technical Capability	Planning Commission	No
	Floodplain Administration	No
	GIS Capabilities	Yes

Survey Components/Subcomponents		Status – Yes/No
Administrative & Technical Capability	Chief Building Official	No
	Civil Engineering	Yes
	Local Staff Who Can Assess Community's Vulnerability to Hazards	Yes
	Grant Manager	No
	Mutual Aid Agreement	Yes (fire only)
	Emergency Management	Yes
	Other (if any)	

Survey Components/Subcomponents		Status – Yes/No
Fiscal Capability	Capital Improvement Plan/ 1 & 6 Year plan	No
	Applied for grants in the past	Yes
	Awarded a grant in the past	Yes
	Authority to Levy Taxes for Specific Purposes such as Mitigation Projects	Yes
	Gas/Electric Service Fees	No
	Storm Water Service Fees	No
	Water/Sewer Service Fees	
	Development Impact Fees	Yes
	General Obligation Revenue or Special Tax Bonds	Yes
	Other (if any)	

Survey Components/Subcomponents		Status – Yes/No
Education and Outreach Capability	Local citizen groups or non-profit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.	Yes (CERT, American Red Cross, Salvation Army)

Survey Components/Subcomponents		Status – Yes/No
Education and Outreach Capability	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	
	StormReady Certification	No
	Firewise Communities Certification	No
	Tree City USA	No
	Other (if any)	

Please circle Oglala Sioux Tribe's overall capability in the following ways:

Does your jurisdiction have the financial resources needed to implement mitigation projects?

Limited   Moderate   High

Does your jurisdiction have the staff/expertise to implement projects?

Limited   Moderate   High

Does your jurisdiction have the community support to implement projects?

Limited   Moderate   High

Does your jurisdiction's staff have the time to devote to hazard mitigation?

Limited   Moderate   High

PLAN INTEGRATION WORKSHEET

OGLALA SIOUX TRIBE

Hazard Mitigation Plan
Plan Integration Worksheet

JEO Consulting Group, Inc.
April 2019

Introduction

Thank you for participating in the Oglala Sioux Tribe Hazard Mitigation Plan.

The hazard mitigation planning process allows communities to engage is a discussion of risk and to analyze the ways it can reduce risk. Participating in this plan ensures that your community will be eligible for certain disaster related 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 help to identify the ways in which other planning processes in your community are, or could be, aligned with hazard mitigation principles.

Please take the time to complete these worksheets and return them to JEO Consulting Group, Inc., by Friday, May 31st, 2019.

We will take the information in this packet to develop your section of the mitigation plan.

Return Address:

JEO Consulting Group
Attn: Brooke Welsh
2700 Fletcher Ave
Lincoln, NE 68504

Step 1

Please complete the following checklist.

Which of the following 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.**

Comprehensive Plan

Are the goals/objectives in your comprehensive plan consistent with those in the hazard mitigation plan? Please explain:

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

Please respond to the following questions about the comprehensive plan and future land use plan:

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
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, please explain.

In the next update of your comprehensive plan how will you incorporate the information form the hazard mitigation plan into that document? 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.

Emergency Operations Plan

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

What year was this plan last updated?

Is there a plan to update the plan, if yes when? Unknown

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

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

Are identified shelter sufficient to meet the local need? ☐ Yes ☐ No ☐ In future update

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

Does the plan provide clear assignment of responsibility during an emergency?

Does the plan identify any gaps related to any particular hazard? Unknown

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

Zoning Ordinance

When was the zoning ordinance last updated?

Are there currently plans to update the current zoning ordinance, if yes when will the update be completed and how will they be revised?

Do the zoning ordinance:

Discourage development in the floodplain?	☐ Yes	☐ No	☐ In future update
Identify floodplain areas as parks of 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

Building Code

When was your community's building code last updated?

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 ☐ Yes ☐ No ☐ In future update
for structures in the floodplain?

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 ☐ Yes ☐ No ☐ In future update
commercial structures?

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 ☐ Yes ☐ No ☐ In future update
units (duplexes, apartments, etc.)?

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

Are there hazards specifically mentioned in the building codes? If so, which hazards?

Are there other ways the community plans to incorporate the principals of hazard mitigation into the local building codes?

Capital Improvement Program

When was the Capital Improvement Program last updated?

When will the Capital Improvement Plan next be updated?

Does the Capital Improvement Plan include:

Include storm water projects? ☐ Yes ☐ No ☐ In future update

Include 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

Included 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

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

Are there 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.

Annual Municipal Budget

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

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

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

Does the municipal budget include any projects identified in the hazard mitigation plan?   If yes, please explain.

Does the plan include public outreach and education activities?

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

Wellhead Protection Plan

When was your Wellhead Protection Plan developed? If it is currently being developed when is it expected to be completed?

Does the plan identify specific areas with ground water contamination? If yes, where.

Are there signs in place to alert community members
of 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

When were the subdivision regulations last updated?

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

Are there regulations that allow density transfers in hazard areas?

Do the subdivision regulations restrict subdivision of land within or adjacent to the floodplain?

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

Other Plans

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

1) Title of Plan_____

 Date of Plan_____

2) Title of Plan_____

 Date of Plan_____

3) Title of Plan_____

 Date of Plan_____

4) Title of Plan_____

 Date of Plan_____

5) Title of Plan_____

 Date of Plan_____

6) Title of Plan_____

 Date of Plan_____