

Inverness

Hazard Mitigation Plan Point of Contact

Primary Point of Contact	Alternate Point of Contact
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Jurisdiction Profile

The following is a summary of key information about the jurisdiction and its history:

Date of Incorporation: 1962

Current Population: The 2020 U.S. Census population was 7,616. The 2022 U.S. Census estimate indicated the population was 7,362.

Population Growth: The overall population has decreased by 1.02% between 2018 and 2022.

Location and Description: The Village is located approximately 30 miles northwest of the City of Chicago. It is bordered by the Villages of Barrington to the north, Hoffman Estates to the south, Palatine to the east, and South Barrington west. The Union Pacific/Metra Northwest rail line runs adjacent to the boundary of the community. According to the 2020 census, the village has a total area of 6.53 square miles.

Brief History: In 1926, Arthur T. McIntosh, one of Chicago's leading land developers, acquired approximately 1,500 contiguous acres for development. With the area under their control, it became known as Inverness after the McIntosh clan home in Scotland. The first new homes were occupied by 1939 and were mostly situated around the edge of the Inverness Golf Club. Construction in Inverness was halted during World War II. During the early post-war years, the McIntosh Company had complete control over the sale of lots as well as the resale of homes. In 1962, Inverness was incorporated as a village to be governed by a president and board of trustees. The first meeting of the village board was July 5, 1962. During the 1970s and '80s, the village continued to grow at a pace that exceeded earlier predictions. It was also during this period that the village annexed large areas of existing homes in unincorporated Cook County, which laid the foundation for further annexations to the west, which continued to expand the village limits to what they are today.

Climate: The climate of the Village of Inverness and the Chicago area is classified as humid continental, with all four seasons distinctly represented: wet springs; hot and humid summers; pleasant autumns; and cold winters. Annual precipitation is average, and reaches its lowest points

in the months of January and February, and peaks in the months of May and June. Winter proves quite variable. Seasonal snowfall in the city has ranged from 9 – 90 inches. The daily average temperature in January at Midway Airport is 24.8 °F (-4.0 °C), and temperatures often stay below freezing for several consecutive days or even weeks in January and February. Temperatures drop to or below 0 °F (-18 °C) on 5.5 nights annually at Midway and 8.2 nights at O’Hare. Spring in the Chicago area is perhaps the city’s wettest and unpredictable season. Winter like conditions can persist well into April and even occasionally into May. Thunderstorms are especially prevalent in the spring time as the city’s lakeside location makes it a center of conflicts between large volumes of warmer and colder air, triggering many kinds of severe weather. Temperatures vary tremendously in the springtime; March is the month with the greatest span between the record highs and lows. On a typical summer day, humidity is usually moderately high and temperatures ordinarily reach anywhere between 78 and 92 °F (26 and 33 °C). The extreme heat that the Chicago area is capable of experiencing during the height of the summer season can persist into the autumn season. Temperatures have reached 100 degrees high and subzero lows below -18 °C. Fall can bring heavy thunderstorms, many of which are capable of producing flooding. The average first measurable (0.1 inches or more) snow occurs around Nov 18.

Governing Body Format: Inverness is governed by a Village President and a six member Board of Trustees. They are elected to staggered four year terms. The Presidents appoints a Village Administrator to oversee the day to day administration of the Village. This body of Government will assume the responsibility for the adoption and implementation of this plan. Operating Departments include: Police, Building, and Zoning and Administrations. Public Works is contracted and fire suppression and emergency medical services are provided by two fire protection districts.

Development Trends: Development trends are stable and corporate boundaries are fixed. Future development will be residential in nature and primarily in-fill low-density development. The most recent developments have been the building of new single family homes.

Changes in Community Priorities: Updating the Building Code and Food and Stormwater Management Regulations.

Capability Assessment

The assessment of the jurisdiction’s legal and regulatory capabilities is presented in the *Legal and Regulatory Capability Table* below. The assessment of the jurisdiction’s fiscal capabilities is presented in the *Fiscal Capability Table* below. The assessment of the jurisdiction’s administrative and technical capabilities is presented in *Administrative and Technical Capability Table* below. Information on the community’s National Flood Insurance Program (NFIP) compliance is presented in the *National Flood Insurance Program Compliance Table* below. Classifications under various community mitigation programs are presented in the *Community Classifications Table* below.

TABLE: LEGAL AND REGULATORY CAPABILITY					
	Local Authority	State or Federal Prohibitions	Other Jurisdictional Authority	State Mandated	Comments
Codes, Ordinances & Requirements					

Building Code	Yes	No	No	Yes	Ord. 17-984, 9/2017; Title 4, Building Regulations
Zonings	Yes	No	No	Yes	Title 5, Zoning Regulations (Various Dates and Ordinances)
Subdivisions	Yes	No	No	No	Comprehensive Plan, Ord. 81-73- 97.5, 3/20/81; Title 6, Subdivision Regulations
Stormwater Management	Yes	No	Yes	Yes	Comprehensive Plan, Ord. 81-73- 97.5, 3/20/81; Title 7, Flood and Stormwater Management Regulations
Post Disaster Recovery	No	No	No	No	
Real Estate Disclosure	No	No	Yes	Yes	<i>(765 ILCS 77/) Residential Real Property Disclosure Act. State mandated.</i>
Growth Management	No	No	No	No	
Site Plan Review	Yes	No	No	No	Chapter 1. General Building Provisions (Various Dates and Ordinances)
Public Health and Safety	No	No	Yes	Yes	Comprehensive Plan, Ord. 81-73- 97.5, 3/20/81; Title 9, Health and Sanitation Regulations
Environmental Protection	No	No	No	No	
Planning Documents					

General or Comprehensive Plan	Yes	No	No	No	Comprehensive Plan, Ord. 81-73- 97.5, 3/20/81
<i>Is the plan equipped to provide integration to this mitigation plan?</i>					Yes, Plan includes a land use element.
Floodplain or Basin Plan	No	No	No	No	
Stormwater Plan	No	No	Yes	No	MWRD Detailed Watershed Plan Ord. 90-142 m 11/13/90, Title 7, Chapter 3, Stormwater Management Regulations
Capital Improvement Plan	No	No	No	No	
<i>What types of capital facilities does the plan address?</i>					N/A
<i>How often is the plan revised/updated?</i>					N/A
Habitat Conservation Plan	No	No	No	No	
Economic Development Plan	No	No	Yes	Yes	The Economic Development Commission is charged with reviewing all economic development related programs and incentives including tax incentives offered through the Cook County 6b program.
Shoreline Management Plan	No	No	No	No	
Response/Recovery Planning					
Comprehensive Emergency Management Plan	Yes	No	Yes	Yes	Res. 23-0869 Village of Inverness Emergency Operations

					Plan, Adopted 09/12/2023
Threat and Hazard Identification and Risk Assessment	No	No	Yes	No	Cook County EMRS
Terrorism Plan	Yes	No	Yes	Yes	Res. 23-0869 Village of Inverness Emergency Operations Plan, Adopted 09/12/2023
Post-Disaster Recovery Plan	No	No	No	No	
Continuity of Operations Plan	Yes	No	Yes	No	Cook County EMRS; Version 2.0, May 2022
Public Health Plans	No	No	No	No	Res. 19-0806 Village of Inverness Emergency Operations Plan

TABLE: FISCAL CAPABILITY	
Financial Resources	Accessible or Eligible to Use?
Community Development Block Grants	Yes
Capital Improvements Project Funding	No
Authority to Levy Taxes for Specific Purposes	Yes
User Fees for Water, Sewer, Gas or Electric Service	No
Incur Debt through General Obligation Bonds	Yes
Incur Debt through Special Tax Bonds	Yes
Incur Debt through Private Activity Bonds	Yes
Withhold Public Expenditures in Hazard-Prone Areas	Yes
State Sponsored Grant Programs	Yes
Development Impact Fees for Homebuyers or Developers	Yes
Other	No

TABLE: ADMINISTRATIVE AND TECHNICAL CAPABILITY		
Staff/Personnel Resources	Available?	Department/Agency/Position
Planners or engineers with knowledge of land development and land management practices	Yes	Contractor
Engineers or professionals trained in building or infrastructure construction practices	Yes	Engineering
Planners or engineers with an understanding of natural hazards	Yes	Contractor

Staff with training in benefit/cost analysis	Yes	Administration
Surveyors	Yes	Engineering
Personnel skilled or trained in GIS applications	Yes	Cook County GIS Consortium
Scientist familiar with natural hazards in local area	No	
Emergency manager	Yes	Inverness Administrator or Designee
Grant writers	Yes	Contractor

TABLE: NATIONAL FLOOD INSURANCE PROGRAM COMPLIANCE	
What department is responsible for floodplain management in your jurisdiction?	Engineering
Who is your jurisdiction’s floodplain administrator? (department/position)	Village Engineer
Are any certified floodplain managers on staff in your jurisdiction?	Yes, contract staff member
What is the date of adoption of your flood damage prevention ordinance?	11/9/93. Last revised 5/13/08
When was the most recent Community Assistance Visit or Community Assistance Contact?	Has not received a Community Assistance Visit
Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed? If so, please state what they are.	No
Do your flood hazard maps adequately address the flood risk within your jurisdiction? (If no, please state why)	No, some localized flooding not depicted on maps.
Does your floodplain management staff need any assistance or training to support its floodplain management program? If so, what type of assistance/training is needed?	Yes, Updating GIS Mapping
Does your jurisdiction participate in the Community Rating System (CRS)? If so, is your jurisdiction seeking to improve its CRS Classification? If not, is your jurisdiction interested in joining the CRS program?	No, Undecided

NFIP Participation Activities

Maintaining compliance under the NFIP is an important component of flood risk reduction. All planning partners that participate in the NFIP have identified actions to maintain their compliance and good standing. Cook County entered the NFIP on April 15, 1981. Structures permitted or built in the County before then are called “pre-FIRM” structures, and structures built afterwards are called “post-FIRM.” The insurance rate is different for the two types of structures. The effective date for the current countywide FIRM is August 19, 2008. This map is a DFIRM (digital flood insurance rate map). The communities in Cook County that participate in the NFIP are shown in **Table: NFIP Participating Communities in Cook County** in **Volume I** of the Cook County MJ-HMP.

The NFIP makes federally-backed flood insurance available to homeowners, renters, and business owners in participating communities. The communities in Cook County that participate in the NFIP and their "Policies in Force," "Total Coverage," and "Total Written Premiums" are shown in **Table: Cook County Flood Insurance Policies** in **Volume I** of the Cook County MJ-HMP.

The following are NFIP-related activities completed by our community:

- Our staff provide the following services: permit reviews, GIS, inspections, engineering capability.
- Our community enforces local floodplain regulations and monitors compliance.
- Our floodplain development regulations meet or exceed Federal Emergency Management Agency (FEMA) or State minimum requirements.

Substantial Improvement Rule and the Substantial Damage Rule

The IDNR/OWR has developed a model ordinance for floodplain management, which has been adopted by most communities in Illinois. The ordinance includes the minimum requirements an NFIP participating jurisdiction must adopt and enforce, as well as additional higher regulatory requirements. The optional, higher regulatory standards include a minimum one foot of freeboard above the base flood elevation and cumulative tracking of damage repairs and improvements to establish substantial damage and substantial improvement compliance. Some jurisdictions have chosen to exceed the requirements of the model ordinance and have adopted more restrictive ordinances. This is most common in the communities in northeastern Illinois.

Existing Municipal Code:

7-1-300 Definitions

SUBSTANTIAL IMPROVEMENT: Any repair, reconstruction or improvement of a structure, the cost of which equals or exceeds fifty percent (50%) of the market value of the structure either: a) before the improvement or repair is started, or b) if the structure has been damaged, and is being restored, before the damage occurred. For the purposes of this definition "substantial improvement" is considered to occur when the first alteration of any wall, ceiling, floor, or other structural part of the building commences, whether or not that alteration affects the external dimensions of the structure. The term does not, however, include either: a) any project for improvement of a structure to comply with existing state or local health, sanitary, or safety code specifications which are solely necessary to assure safe living conditions, or b) any alteration of a structure listed on the National Register of Historic Places or a state inventory of historic places.

Their ordinance did not include substantial improvement / substantial damage rule provisions; future updates will consider inclusion of these rules as applicable and as appropriate.

TABLE: COMMUNITY CLASSIFICATIONS			
	Participating?	Classification	Date Classified
Community Rating System	No	N/A	N/A
Building Code Effectiveness Grading Schedule	Yes	Class 4	04/06/2006
Public Protection/ISO	Yes	658.32	04/06/2006
StormReady	Yes	Local (Inverness)	2023
Tree City USA	Yes	N/A	1992

Opportunities to Expand and Improve Capabilities

Opportunities to expand and improve capabilities include:

- Detailed infrastructure/natural elements survey (creeks, lakes, floodmaps, dams, bridges)

- Grant researchers and writers,
- Ability to fund local match for mitigation grants,
- Ability to receive Federal/State funding, due to demographics/income restrictions.
- Improve GIS capabilities,
- Improve building codes or ordinance (currently underway)
- Improvements for partnership with private contractors

Plan Integration

The capability assessment describes opportunities to "link" or integrate the mitigation plan into other planning mechanisms. The process and mechanism to identify opportunities to integrate the Cook County MJ-HMP into other planning mechanisms will occur during the Annual Update Process and be reflected in the Jurisdictional Annual Report each year. Specific plan integration opportunities will include:

- The hazards, goals, and actions of the Hazard Mitigation Plan will be considered in the next update of the Comprehensive Plan.
- The hazards, goals, and actions of the Hazard Mitigation Plan will be considered in the next update of the jurisdiction's land use plans, zoning, and subdivision codes.

Emergency Plan Integration:

Cook County EMRS is supporting communities to develop and update their respective Emergency Operations Plans, Continuity of Operations Plan/Continuity of Government Plan, and Recovery Plan in 2024. This is an ongoing countywide initiative and is being implemented in all municipalities.

Emergency Operations Plan (EOP)

An EOP template was created for all municipalities. The 2019 Cook County MJ-HMP and the hazards in the mitigation plan have been integrated into the Situation and Assumptions section of the EOP. Within that section, the natural hazards based on the 2019 MJ-HMP were added in the Initial Analysis and Assessment and Identification of Hazards section of the EOP. The hazards in the 2019 plan and the 2024 MJ-HMP did not change apart from adding wildfires for the Forest Preserve and unincorporated areas of the County. Future updates of the EOP will take into consideration any additional new natural hazards that are added to subsequent updates to the MJ-HMP.

Continuity of Operations Plan (COOP)

The Continuity of Operations Plan (COOP) for the municipality includes a Situation section that is based on the 2019 Cook County MJ-HMP jurisdictional annex, and specifically the hazards identified in the annex. The COOP-specific risk assessment is hazard-specific and based on likelihood of occurrence and severity of impact.

Recovery Plan

The goals of the Recovery Plan were developed to align with the 2019 Cook County MJ-HMP, and specifically prioritizes the responsibility of officials under this plan to save lives, protect property, relieve human suffering, sustain survivors, repair essential facilities, restore services, and protect the environment. The plan acknowledges that hazard mitigation is an important priority and consideration during the rebuilding process.

Jurisdiction-Specific Natural Hazard Event History

The information provided below was solicited from the jurisdiction and supported by NOAA and other relevant data sources.

The *Natural Hazard Events Table* lists all past occurrences of natural hazards within the jurisdiction. Repetitive flood loss records are as follows:

- Number of FEMA-Identified Repetitive Loss Properties: 3 (3 Single Family)
- Number of FEMA-Identified Severe Repetitive Loss Properties: 0
- Number of Repetitive Flood Loss/Severe Repetitive Loss Properties That Have Been Mitigated: 0

Federal Disasters Declared

Disaster Declaration Number	Date Declared	Event
DR-227	4/25/1967	Tornado
DR-351	9/4/1972	Flood
DR-373	4/26/1973	Flood
DR-509	6/18/1976	Severe Storm(s)
DR-643	6/30/1981	Severe Storm(s)
DR-776	10/7/1986	Flood
DR-798	8/21/1987	Flood
DR-997	7/9/1993	Flood
DR-1129	7/25/1996	Severe Storm(s)
DR-1188	9/17/1997	Severe Storm(s)
DR-1729	9/25/2007	Severe Storm(s)
DR-1800	10/3/2008	Severe Storm(s)
DR-1935	8/19/2010	Severe Storm(s)
DR-1960	3/17/2011	Snow
EM-3068	1/16/1979	Snow
EM-3134	1/8/1999	Snow
EM-3161	1/17/2001	Snow
EM-3230	9/7/2005	Hurricane – Katrina Evacuation
EM-3435	3/13/2020	Biological
DR-4116	5/10/2013	Flood
DR-4489	3/26/2020	Biological
DR-4728	8/15/2023	Severe Storm(s)
DR-4749	11/20/2023	Flood

State Disaster Declarations

Date Declared	Event
7/26/2010	Severe Storms, High Winds, Torrential Rain
1/31/2011	Winter Weather
4/25/2011 5/25/2011	High Wind, Tornadoes, Torrential Rain
4/18/2013	Severe Storms, Heavy Rainfall, Flooding, Straight-line Winds

4/20/2013 4/21/2013 4/25/2013 4/30/2013	
1/6/2014	Heavy Snowfall, Frigid Temperatures
7/12/2017 7/14/2017	Thunderstorms, Heavy Rainfall, Flooding
1/29/2019	Winter Storm
2/6/2020	Severe Storms
3/12/2020 – present (reissued monthly)	COVID-19
2/16/2021	Winter Storms
2/1/2022	Winter Storms
8/1/2022 (reissued monthly through 10/28/2022)	Monkeypox

TABLE: NATURAL HAZARD EVENTS			
Type of Event	FEMA Disaster Number (if applicable)	Date	Preliminary Damage Assessment/ Event Narrative
Tornado and Hail	-	4/9/2015	Seven tornadoes were confirmed in north central Illinois in the NWS Chicago CWA. Six of the tornadoes formed from a single supercell.
Lightning and Severe Weather	-	6/30/2014	\$50,000 in property damage. A home on the 1900 block of Durham Drive caught fire after lightning blew a small hole in the roof.
Snow/Cold	-	2013 - 2014	-
Tornado Activity	-	11/2013	-
Flood	-	4/2013	-
Snow/Cold	-	2012 - 2013	-
Severe Weather and Flood	-	7/18/2012	Severe thunderstorms with wind gusts up to 70 mph
Severe Heat	-	7/2012	-
Severe Weather, Power Outages	-	6/2012	-
Flood	-	7/2011	-
Lightning and Severe Weather	-	5/12/2011	A house was struck by lightning in the 200 block of South Clyde Avenue in Palatine. Most of the damage to the house was confined to the exterior.
Blizzard	-	2/2/2011	-

Flood and Severe Weather		5/13/2010	2.52 inches of rain measured 2 miles south of Inverness
Flood	-	9/2008	-
Wind Storm	-	8/2007	-
Winter Storm	-	1/2005	-
Blizzard	-	1/2002	-
Blizzard	-	2/2000	-
Winter Storm	-	1/1999	-
Severe Heat	-	8/1995	-
Flood	-	1993	-
Flood	-	1988	-
Flood	-	8/1987	-

Jurisdiction-Specific Hazards: Vulnerabilities and Impacts

Hazards that represent a county-wide risk are addressed in the Risk Assessment section of the 2024 Cook County Multi-Jurisdictional Hazard Mitigation Plan Update. This section only addresses the hazards and their associated impacts that are **relevant** and **unique** to the municipality.

Flood: We experience flooding at Banbury Road, Palatine Road, and Dewey. This Impacts our access to roads and state systems.

High Winds: We experience high winds in central Inverness, which significantly impacts the overhead power lines, resulting in a lack of power and no working wells (private). Aquifers and sound data can be accessed through the Illinois State Geological Society Interactive Map (<http://maps.isgs.illinois.edu/ilwater/>)

Ice Storms: Areas with overhead power lines are susceptible to losing power during ice storms, putting our community at risk of having no working wells.

Extreme Heat and Cold: With a relatively older population ([median age of 53.1](#)), the residents over 65 are particularly susceptible to harsh climates.

Earthquake: While no fault line runs under the community, the community would like to incorporate building codes and debris planning that encompasses an all-hazards approach, which includes earthquake mitigation

2022 Events:

- January 1, 2022: Snowfall Event: Heavy, with blowing snow and reduced visibility. Snowfall amounts to approximately 6" in Inverness.
- January 8, 2022: Widespread Freezing Drizzle Brings Glaze the Chicagoland area. Several auto accidents occurred
- February 18, 2022: Snow Squall across northern Illinois. Heavy snow with wind gusts up to 35 mph was recorded in the area.
- June 13-15, 2022: Early Summer Heat Episode. A high heat index of 105F with a peak of 98F was observed.
- June 13, 2022: Supercell Storm Brings a Swath of Severe Wind Damage. EF-0 tornado and high straight-line winds were observed approximately 10 miles to the south in a neighboring community.
- September 11-12, 2022: Heavy Rain Results in Flash Flooding. Inverness experienced over 3.0 inches of rain, resulting in short-term roadway flooding.

- December 22-23, 2022: Powerful Arctic Front Brings Snow, Strong Winds, and Bitterly Cold Temperatures. Inverness fleet dangerously cold temperatures with widespread minimum wind chills below -30°F and minimum air temperatures below -10°F.

2023 Events

- January 28-29, 2023: Heavy snowfall in far northern Illinois; Snowfall amounts to approximately 3.5" in Inverness.
- February 22-23, 2023: Ice Storm Across Portions of Northern Illinois; Freezing rain amounts to approximately .20" in Inverness.
- March 9-10, 2023: Winter Storm: Snowfall amounts to approximately 3.0" in Inverness.
- April 19-20, 2023: Two Rounds of Storms Bring Large Hail and Damaging Winds
- August 23-24, 2023: Late summer heat wave results in consecutive days with 115 ° heat indices

Indicator	Number	Percent
Families in poverty	296	2.7%
People with disabilities	2,900	7.9%
People over 65 years	7,185	19.4%
People under 5 years	2,047	5.5%
People of color	11,137	30.1%
Black	1,138	3.1%
Native American	11	0%
Hispanic	2,235	6%
Difficulty with English	1,187	3.4%
Households with no car	398	2.9%
Mobile homes	17	0.1%

Data are from the U.S. Census Bureau, American Community Survey. See methods for more information.

The community evaluated whether vulnerability, and subsequently the potential impacts, in hazard-prone areas had increased, decreased, or remained the same for each natural hazard identified in this Hazard Mitigation Plan. Climate change, infrastructure expansion, and economic shifts that can affect vulnerability were considered. For example, if planned development is in an identified hazard area or is not built to the updated building codes, it may increase the community’s vulnerability to future hazards and disasters. On the other hand, if development occurred with mitigation practices in place, the vulnerability may have remained the same or decreased. Additionally, shifting demographics were taken into consideration when assessing development trends.

Jurisdiction-Specific Climate Change Vulnerability and Impacts

The table below outlines if climate change, as assessed by the local planning team, has increased or decreased the municipality’s vulnerability/exposure, and thereby the potential impacts, to each natural hazard over the past five (5) years (**Current Vulnerability**), and the effect of climate change in the future probability of occurrence and impacts (**Future Vulnerability**) from each natural hazard.

Future studies are needed to better understand the impact of climate change on the community's assets.

Hazard	Vulnerability
Current Vulnerability	
Dam and Levee Failure	Remained the Same
Drought	Remained the Same
Earthquake	Remained the Same
Flood (Riverine, Urban, Shoreline)	Increased
Severe Weather (Extreme Heat, Lightning, Hail, Fog, High Winds)	Increased
Severe Winter Weather (Ice Storms, Heavy Snow, Blizzards, Extreme Cold)	Increased
Tornado	Increased
Wildfire (Wildfire Smoke)	Remained the Same

Hazard	Vulnerability
Future Vulnerability	
Dam and Levee Failure	No Change is Anticipated
Drought	No Change is Anticipated
Earthquake	No Change is Anticipated
Flood (Riverine, Urban, Shoreline)	Increase
Severe Weather (Extreme Heat, Lightning, Hail, Fog, High Winds)	Increase
Severe Winter Weather (Ice Storms, Heavy Snow, Blizzards, Extreme Cold)	Increase
Tornado	Increase
Wildfire (Wildfire Smoke)	No Change is Anticipated

Jurisdiction-Specific Changes (or Expected Changes) in Development Trends in Hazard-Prone Areas

The table below outlines if development, as assessed by the local planning team, over the past five (5) years (**Current Vulnerability**) has increased or decreased the jurisdiction’s vulnerability/exposure, and thereby the potential impacts, to these natural hazards, and the anticipated effects changes in development may have on the future probability of occurrence and impacts (**Future Vulnerability**) from these natural hazards.

Hazard	Vulnerability
Current Vulnerability	
Dam and Levee Failure	Remained the Same
Drought	Remained the Same
Earthquake	Remained the Same
Flood (Riverine, Urban, Shoreline)	Remained the Same
Severe Weather (Extreme Heat, Lightning, Hail, Fog, High Winds)	Remained the Same
Severe Winter Weather (Ice Storms, Heavy Snow, Blizzards, Extreme Cold)	Remained the Same
Tornado	Remained the Same
Wildfire (Wildfire Smoke)	Remained the Same

Hazard	Vulnerability
Future Vulnerability	
Dam and Levee Failure	No Change is Anticipated

Drought	No Change is Anticipated
Earthquake	No Change is Anticipated
Flood (Riverine, Urban, Shoreline)	No Change is Anticipated
Severe Weather (Extreme Heat, Lightning, Hail, Fog, High Winds)	No Change is Anticipated
Severe Winter Weather (Ice Storms, Heavy Snow, Blizzards, Extreme Cold)	No Change is Anticipated
Tornado	No Change is Anticipated
Wildfire (Wildfire Smoke)	No Change is Anticipated

Our community does not anticipate future major assets may be exposed or vulnerable to any of the natural hazards identified in this Hazard Mitigation Plan. Any new assets (e.g., new construction in hazard prone areas) will be constructed to adhere to the latest building codes and standards, and mitigation to protect them from identified and anticipated hazards, especially those that are expected to increase due to climate change.

Hazard Risk Ranking

The *Hazard Risk Ranking Table* below presents the ranking of the hazards of concern. Hazard area extent and location maps are included at the end of this chapter. These maps are based on the best available data at the time of the preparation of this plan, and are considered to be adequate for planning purposes.

TABLE: HAZARD RISK RANKING	
Rank	Hazard Type
1	Severe Weather
2	Severe Winter Weather
3	Tornado
4	Flood
5	Earthquake
6	Drought
7	Dam Failure

New Mitigation Actions

The following are new mitigation actions created during the 2024 update.

Action 12.20

Mitigation Action #12.20: Dover Court Street Flooding					
Lead Agency/Department Organization: Village Engineer	Supporting Agencies/Organizations:	Estimated Cost: High	Potential Funding Source: General Fund Private/Non-Profit Funds Hazard Mitigation Grant Program (HMGP) Flood Mitigation Assistance (FMA) Program	Estimated Projected Completion Date: Short-term	Hazard(s) Mitigated: Flood (Riverine, Urban, Coastal/Shoreline)
Year Initiated		2025			
Applicable Jurisdiction		Village of Inverness			
Applicable Goal		2,3,4			
Applicable Objective		1,2,7,9			
Cost Analysis (Low, Medium, High)		High			
Priority and Level of Importance (Low, Medium, High)		High			
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)		High			
Action/Implementation Plan and Project Description:		Replacement of a deteriorating and substandard stormwater system within the Dover Court right-of-way. The damaged stormwater pipe limits stormwater flow, causing roadway flooding even during mild rain events. This flooding restricts access to			

	homes and encroaches on the front yards of several properties. These properties have septic systems in their front yards, threatening the proper functioning of these systems.
Actual Completion Date or Ongoing Indefinite	
Project Status & Changes in Priority Completion status legend: N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed; R = Want Removed from Annex; X = No Action Taken/Delayed	N

Action 12.21

Mitigation Action #12.21: Grayfriars Street Flooding					
Lead Agency/Department Organization: Village Engineer	Supporting Agencies/Organizations:	Estimated Cost: High	Potential Funding Source: General Fund Hazard Mitigation Grant Program (HMGP) Flood Mitigation Assistance (FMA) Program	Estimated Projected Completion Date: Short-term	Hazard(s) Mitigated: Flood (Riverine, Urban, Coastal/Shoreline)
Year Initiated		2025			
Applicable Jurisdiction		Village of Inverness			
Applicable Goal		2,3			
Applicable Objective		1,2,9			
Cost Analysis (Low, Medium, High)		High			

Priority and Level of Importance (Low, Medium, High)	High
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)	High
Action/Implementation Plan and Project Description:	Replacement of a substandard, deteriorating stormwater system within the Grayfriars Street right-of-way. The damaged stormwater pipe restricts water flow, leading to roadway flooding even during mild rain events. This flooding limits access to homes and encroaches on the front yards of several properties, where septic systems are located, threatening their proper function. Grayfriars Street is a historically low lying area, as indicated in flood survey maps from the 1920's.
Actual Completion Date or Ongoing Indefinite Project Status & Changes in Priority Completion status legend: N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed; R = Want Removed from Annex; X = No Action Taken/Delayed	N

Ongoing Mitigation Actions

During the 2024 update, these "ongoing" mitigation actions and projects were modified and/or amended, as needed.

Action 12.1

Mitigation Action #12.1: Continue community outreach and preparedness education activities.					
Lead Agency/Department Organization: Village Administration	Supporting Agencies/Organizations:	Estimated Cost: \$500; Low	Potential Funding Source: Village of Inverness General Fund	Estimated Projected Completion Date: Ongoing	Hazard(s) Mitigated: All

			(Annual Budget)		
Year Initiated	2014				
Applicable Jurisdiction	Village of Inverness				
Applicable Goal	All				
Applicable Objective	1, 2, 5, 6, 11				
Cost Analysis (Low, Medium, High)	Low				
Priority and Level of Importance (Low, Medium, High)	High				
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)	Low				
Action/Implementation Plan and Project Description:	Ongoing in in Village Newsletters 2023: The Village continues to provide community outreach and preparedness education activities. In 2023, the Village offered several emergency information within the monthly e-newsletter.				
Actual Completion Date or Ongoing Indefinite					
Project Status & Changes in Priority Completion status legend: N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed; R = Want Removed from Annex; X = No Action Taken/Delayed	O				

Action 12.2

Mitigation Action #12.2: Review and update building and zoning code.					
Lead Agency/Department Organization: Village Administration	Supporting Agencies/Organizations:	Estimated Cost: \$500; Low	Potential Funding Source: Annual Budget	Estimated Projected Completion Date: Long-term	Hazard(s) Mitigated: Flood, Earthquake, Severe Weather, Severe Winter

					Weather, Tornado
Year Initiated	2014				
Applicable Jurisdiction	Village of Inverness				
Applicable Goal	1, 3, 4, 6				
Applicable Objective	2, 6, 8, 10				
Cost Analysis (Low, Medium, High)	Low				
Priority and Level of Importance (Low, Medium, High)	High				
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)	Low				
Action/Implementation Plan and Project Description:	Ongoing 2023: In 2022, The Village was awarded \$39,000 in the 2021 Building Resilient Infrastructure and Communities (BRIC) Grant to update the 2021 ICS Code and the Village's 1993 Flood and Stormwater Management Regulations to current federal, state, and county regulations. The project begin in the 4th quarter of 2023.				
Actual Completion Date or Ongoing Indefinite					
Project Status & Changes in Priority Completion status legend: N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed; R = Want Removed from Annex; X = No Action Taken/Delayed	O				

Action 12.3

Mitigation Action #12.3: Develop and maintain a formal Snow Removal and Ice Control Plan with policies and procedures that will systematically provide services at a level that permits emergency access to buildings, walkways to all buildings, parking lots for prudent pedestrians, and adequate parking access for employees and visitors.					
Lead Agency/Department Organization: Village Administration	Supporting Agencies/Organizations:	Estimated Cost: \$500; Low	Potential Funding Source:	Estimated Projected Completion Date:	Hazard(s) Mitigated: Winter Weather

			Village of Inverness General Fund (Annual Budget)	Ongoing	
Year Initiated	2014				
Applicable Jurisdiction	Village of Inverness				
Applicable Goal	1, 3, 4, 5				
Applicable Objective	1, 2, 4, 8				
Cost Analysis (Low, Medium, High)	Low				
Priority and Level of Importance (Low, Medium, High)	High				
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)	Low				
Action/Implementation Plan and Project Description:	Ongoing				
Actual Completion Date or Ongoing Indefinite					
Project Status & Changes in Priority Completion status legend: N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed; R = Want Removed from Annex; X = No Action Taken/Delayed	O				

Action 12.4

Mitigation Action #12.4: Develop and maintain an all-hazard debris removal plan.					
Lead Agency/Department Organization: Village Administration	Supporting Agencies/Organizations:	Estimated Cost: \$500; Low	Potential Funding Source: Village of Inverness General	Estimated Projected Completion Date: Ongoing	Hazard(s) Mitigated: Flooding, Earthquake, Severe Weather, Tornado

			Fund (Annual Budget)		
Year Initiated	2014				
Applicable Jurisdiction	Village of Inverness				
Applicable Goal	1, 2, 3, 5				
Applicable Objective	1, 2, 4, 8				
Cost Analysis (Low, Medium, High)	Low				
Priority and Level of Importance (Low, Medium, High)	High				
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)	Low				
Action/Implementation Plan and Project Description:	Flood, Earthquake, Severe Weather, Tornado				
Actual Completion Date or Ongoing Indefinite					
Project Status & Changes in Priority Completion status legend: N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed; R = Want Removed from Annex; X = No Action Taken/Delayed	O				

Action 12.5

Mitigation Action #12.5: Conduct a Banbury Flood Study to reduce flooding and property damage in the NE section of the Village.					
Lead Agency/Department Organization: Illinois Department of Transportation	Supporting Agencies/Organizations:	Estimated Cost: Medium	Potential Funding Source: FEMA's RiskMAP program, MWRD-Phase II	Estimated Projected Completion Date: Short-term	Hazard(s) Mitigated: Flooding, Severe Weather
Year Initiated	2014				

Applicable Jurisdiction	Village of Inverness
Applicable Goal	1, 2, 3
Applicable Objective	1, 2, 3, 9
Cost Analysis (Low, Medium, High)	Medium
Priority and Level of Importance (Low, Medium, High)	Medium
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)	High
Action/Implementation Plan and Project Description:	Study was completed was IDOT, Awaiting for funding from IDOT to resolve the following issue. No input from IDOT
Actual Completion Date or Ongoing Indefinite	
Project Status & Changes in Priority Completion status legend: N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed; R = Want Removed from Annex; X = No Action Taken/Delayed	X

Action 12.6

Mitigation Action #12.6: Where appropriate, support retrofitting, purchase, or relocation of structures in hazard-prone areas to prevent future structure damage. Give priority to properties with exposure to repetitive losses.					
Lead Agency/Department Organization: Village Administration	Supporting Agencies/Organizations:	Estimated Cost: High	Potential Funding Source: BRIC, HMGP	Estimated Projected Completion Date: Long-term (depending on funding)	Hazard(s) Mitigated: All
Year Initiated	2014				
Applicable Jurisdiction	Village of Inverness				
Applicable Goal	1, 3				
Applicable Objective	7, 13				
Cost Analysis (Low, Medium, High)	High				

Priority and Level of Importance (Low, Medium, High)	Medium
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)	High
Action/Implementation Plan and Project Description:	2022: Began planning to utilize ARPA funding to improve the Village Stormwater Management system.
Actual Completion Date or Ongoing Indefinite	
Project Status & Changes in Priority Completion status legend: N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed; R = Want Removed from Annex; X = No Action Taken/Delayed	O

Action 12.7

Mitigation Action #12.7: Continue to support the countywide actions identified in this plan.					
Lead Agency/Department Organization: Village Administration	Supporting Agencies/Organizations:	Estimated Cost: Low	Potential Funding Source: Village of Inverness General Fund (Annual Budget)	Estimated Projected Completion Date: Short-term and Long-term	Hazard(s) Mitigated: All
Year Initiated	2014				
Applicable Jurisdiction	Village of Inverness				
Applicable Goal	All				
Applicable Objective	All				
Cost Analysis (Low, Medium, High)	Low				
Priority and Level of Importance (Low, Medium, High)	High				
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)	Medium				

Action/Implementation Plan and Project Description:	Ongoing
Actual Completion Date or Ongoing Indefinite	
Project Status & Changes in Priority Completion status legend: N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed; R = Want Removed from Annex; X = No Action Taken/Delayed	O

Action 12.8

Mitigation Action #12.8: Actively participate in the plan maintenance strategy identified in this plan.					
Lead Agency/Department Organization: EMRS Village Administration	Supporting Agencies/Organizations:	Estimated Cost: Low	Potential Funding Source: Village of Inverness General Fund (Annual Budget)	Estimated Projected Completion Date: Short-term	Hazard(s) Mitigated: All
Year Initiated	2014				
Applicable Jurisdiction	Village of Inverness				
Applicable Goal	1, 2, 3				
Applicable Objective	3, 4, 6				
Cost Analysis (Low, Medium, High)	Low				
Priority and Level of Importance (Low, Medium, High)	High				
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)	Medium				
Action/Implementation Plan and Project Description:	Reviewing plan on a annual basis				
Actual Completion Date or Ongoing Indefinite					
Project Status & Changes in Priority	O				

<p>Completion status legend: N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed; R = Want Removed from Annex; X = No Action Taken/Delayed</p>	
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Action 12.9

Mitigation Action #12.9: Consider participation in incentive-based programs such as the Community Rating System, Tree City, and StormReady.					
Lead Agency/Department Organization: Village Administration	Supporting Agencies/Organizations:	Estimated Cost: Low	Potential Funding Source: Village of Inverness General Fund (Annual Budget)	Estimated Projected Completion Date: Long-term	Hazard(s) Mitigated: All
Year Initiated		2014			
Applicable Jurisdiction		Village of Inverness			
Applicable Goal		All			
Applicable Objective		3, 4, 5, 6, 7, 9, 10, 11, 13			
Cost Analysis (Low, Medium, High)		Low			
Priority and Level of Importance (Low, Medium, High)		Medium			
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)		Medium			
Action/Implementation Plan and Project Description:		<p>Active in Tree City USA program. Investigating participation in the Community Rating System and StormReady program. Active in Tree City USA program. Investigating participation in the Community Rating System and StormReady program.</p> <p>2023: In 2023, the Village received its 32nd Tree City Award. In 2023, the Village StormReady status was renewed.</p>			

Actual Completion Date or Ongoing Indefinite	
Project Status & Changes in Priority Completion status legend: N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed; R = Want Removed from Annex; X = No Action Taken/Delayed	O

Action 12.10

Mitigation Action #12.10: Maintain good standing under the National Flood Insurance Program by implementing programs that meet or exceed the minimum NFIP requirements. Such programs include enforcing an adopted flood damage prevention ordinance, participating in floodplain mapping updates, and providing public assistance and information on floodplain requirements and impacts.					
Lead Agency/Department Organization: Village Administration	Supporting Agencies/Organizations:	Estimated Cost: Low	Potential Funding Source: Village of Inverness General Fund (Annual Budget)	Estimated Projected Completion Date: Short-term and ongoing	Hazard(s) Mitigated: Flooding
Year Initiated	2014				
Applicable Jurisdiction	Village of Inverness				
Applicable Goal	1, 5, 6				
Applicable Objective	4, 6, 9				
Cost Analysis (Low, Medium, High)	Low				
Priority and Level of Importance (Low, Medium, High)	High				
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)	Medium				
Action/Implementation Plan and Project Description:	Ongoing.				
Actual Completion Date or Ongoing Indefinite					

<p>Project Status & Changes in Priority Completion status legend: N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed; R = Want Removed from Annex; X = No Action Taken/Delayed</p>	<p>O</p>
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Action 12.11

<p>Mitigation Action #12.11: Where feasible, implement a program to record high water marks following high water events.</p>					
<p>Lead Agency/Department Organization: Village Administration</p>	<p>Supporting Agencies/Organizations:</p>	<p>Estimated Cost: Medium</p>	<p>Potential Funding Source: General Fund, FEMA Public Assistance (PA)</p>	<p>Estimated Projected Completion Date: Long-term</p>	<p>Hazard(s) Mitigated: Flooding, Severe Weather</p>
<p>Year Initiated</p>		<p>2014</p>			
<p>Applicable Jurisdiction</p>		<p>Village of Inverness</p>			
<p>Applicable Goal</p>		<p>1, 2, 5, 6</p>			
<p>Applicable Objective</p>		<p>3, 6, 9</p>			
<p>Cost Analysis (Low, Medium, High)</p>		<p>Medium</p>			
<p>Priority and Level of Importance (Low, Medium, High)</p>		<p>Medium</p>			
<p>Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)</p>		<p>Medium</p>			
<p>Action/Implementation Plan and Project Description:</p>		<p>No Action taken 2023: Seeking funding for this project.</p>			
<p>Actual Completion Date or Ongoing Indefinite</p>					
<p>Project Status & Changes in Priority Completion status legend: N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed;</p>	<p>X</p>				

R = Want Removed from Annex; X = No Action Taken/Delayed	
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Action 12.12

Mitigation Action #12.12: Integrate the hazard mitigation plan into other plans, programs, or resources that dictate land use or redevelopment.					
Lead Agency/Department Organization: Contracted Engineer	Supporting Agencies/Organizations:	Estimated Cost: Low	Potential Funding Source: Village of Inverness General Fund (Annual Budget)	Estimated Projected Completion Date: Short-term	Hazard(s) Mitigated: All
Year Initiated	2014				
Applicable Jurisdiction	Village of Inverness				
Applicable Goal	1, 2, 3, 5, 6				
Applicable Objective	3, 4, 6, 10, 13				
Cost Analysis (Low, Medium, High)	Low				
Priority and Level of Importance (Low, Medium, High)	High				
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)	Medium				
Action/Implementation Plan and Project Description:	Ongoing as part of all new development in Inverness				
Actual Completion Date or Ongoing Indefinite					
Project Status & Changes in Priority Completion status legend: N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed; R = Want Removed from Annex; X = No Action Taken/Delayed	O				

Action 12.13

Mitigation Action #12.13: Consider developing and implementing a Capital Improvements Program (CIP) to increase the Village's regulatory, financial, and technical capability to implement mitigation actions.					
Lead Agency/Department Organization:	Supporting Agencies/Organizations:	Estimated Cost:	Potential Funding Source:	Estimated Projected Completion Date:	Hazard(s) Mitigated:
Public Works		High	CIP component of the general fund (if Implemented) Village of Inverness General Fund (Annual Budget)	Long-term	All
Year Initiated		2014			
Applicable Jurisdiction		Village of Inverness			
Applicable Goal		1, 3, 5			
Applicable Objective		1, 2, 7			
Cost Analysis (Low, Medium, High)		High			
Priority and Level of Importance (Low, Medium, High)		Medium			
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)		High			
Action/Implementation Plan and Project Description:		Planning as begun and is scheduled to be part of the FY 19 budget.			
Actual Completion Date or Ongoing Indefinite					
Project Status & Changes in Priority Completion status legend: N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed; R = Want Removed from Annex; X = No Action Taken/Delayed		O			

Action 12.14

Mitigation Action #12.14: Implement Culvert cleaning and widening program					
Lead Agency/Department Organization: Village Administrations	Supporting Agencies/ Organizations: Homeowners Associations	Estimated Cost: Medium/High	Potential Funding Source: Village of Inverness General Fund (Annual Budget) Private (Property Owners)	Estimated Projected Completion Date: 2022	Hazard(s) Mitigated: Flooding
Year Initiated		2019			
Applicable Jurisdiction		Village of Inverness			
Applicable Goal		2, 4			
Applicable Objective		2, 7, 9			
Cost Analysis (Low, Medium, High)		Medium and High Cost Depending on location			
Priority and Level of Importance (Low, Medium, High)		Medium Priority			
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)		Reduce street flooding and impact on private septic systems. High Benefit			
Action/Implementation Plan and Project Description:		<p>Work with individual homeowners, group of neighbors and/or homeowner associations to coordinate the cleaning, regrading, and widening of Culverts and swales to restore and/or improvement storm water management. Project can include by be not limited to replacement of driveway culverts, removing natural sediment in the swales, digging out wider swales and ditches.</p> <p>2023: Continuing to provide educational material on the importance of Culvert cleaning and maintenance.</p>			
Actual Completion Date or Ongoing Indefinite					
Project Status & Changes in Priority Completion status legend: N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed; R =		O			

Want Removed from Annex; X = No Action Taken/Delayed	
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Action 12.15

Mitigation Action #12.15: Joint Emergency Management					
Lead Agency/Department Organization: Village Administration	Supporting Agencies/Organizations:	Estimated Cost: Low	Potential Funding Source: Village of Inverness General Fund (Annual Budget)	Estimated Projected Completion Date: Short Term and ongoing	Hazard(s) Mitigated: All
Year Initiated		2021			
Applicable Jurisdiction		Village of Inverness			
Applicable Goal		All			
Applicable Objective		1, 2, 3, 4, 5, 6			
Cost Analysis (Low, Medium, High)		Low—The project could be funded under the existing budget. The project is part of or can be part of an ongoing existing program.			
Priority and Level of Importance (Low, Medium, High)		High Priority			
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)					
Action/Implementation Plan and Project Description:		Ongoing. Partner with neighborhood communities on emergency response and continuity of operation plans.			
Actual Completion Date or Ongoing Indefinite					
Project Status & Changes in Priority Completion status legend: N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed; R = Want Removed from Annex; X = No Action Taken/Delayed		O			

Action 12.16

Mitigation Action #12.16: Emergency Management Plan					
Lead Agency/Department Organization: Village Administration	Supporting Agencies/Organizations:	Estimated Cost: Low	Potential Funding Source: Village of Inverness General Fund (Annual Budget)	Estimated Projected Completion Date: Short-Term	Hazard(s) Mitigated: All
Year Initiated		2021			
Applicable Jurisdiction		Village of Inverness			
Applicable Goal		All			
Applicable Objective		1, 2, 3, 4, 5, 6			
Cost Analysis (Low, Medium, High)		Low—The project could be funded under the existing budget. The project is part of or can be part of an ongoing existing program.			
Priority and Level of Importance (Low, Medium, High)					
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)		Medium—Project will have a long-term impact on the reduction of risk exposure for life and property, or project will provide an immediate reduction in the risk exposure for property.			
Action/Implementation Plan and Project Description:		Update Comprehensive Emergency Management Plan and include terrorism and catastrophic events. 2023: Completed draft updated EOP Plan. Approval in 2023			
Actual Completion Date or Ongoing Indefinite					
Project Status & Changes in Priority Completion status legend: N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed; R = Want Removed from Annex; X = No Action Taken/Delayed		O			

Action 12.17

Mitigation Action #12.17: Storm Water System Survey					
Lead Agency/Department Organization: Village Administration	Supporting Agencies/Organizations:	Estimated Cost: Medium	Potential Funding Source: General Fund	Estimated Projected Completion Date: Short-term and Ongoing	Hazard(s) Mitigated: Flooding
Year Initiated		2021			
Applicable Jurisdiction		Village of Inverness			
Applicable Goal		3			
Applicable Objective		3			
Cost Analysis (Low, Medium, High)		Medium—The project could be implemented with existing funding but would require a re-apportionment of the budget or a budget amendment, or the cost of the project would have to be spread over multiple years.			
Priority and Level of Importance (Low, Medium, High)		Low			
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)		Medium—Project will have a long-term impact on the reduction of risk exposure for life and property, or project will provide an immediate reduction in the risk exposure for property.			
Action/Implementation Plan and Project Description:		GIS mapping for underground stormwater system, which is currently hand-drawn. 2023: Pending			
Actual Completion Date or Ongoing Indefinite					
Project Status & Changes in Priority Completion status legend: N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed; R = Want Removed from Annex; X = No Action Taken/Delayed		O			

Action 12.18

Mitigation Action #12.18: Emergency On-call List					
Lead Agency/Department Organization: Village Administration	Supporting Agencies/Organizations:	Estimated Cost: Low	Potential Funding Source: Village of Inverness General Fund (Annual Budget)	Estimated Projected Completion Date: Short-term and Ongoing	Hazard(s) Mitigated: All
Year Initiated		2021			
Applicable Jurisdiction		Village of Inverness			
Applicable Goal		3			
Applicable Objective		3			
Cost Analysis (Low, Medium, High)		Low—The project could be funded under the existing budget. The project is part of or can be part of an ongoing existing program.			
Priority and Level of Importance (Low, Medium, High)		Low Priority			
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)		Long-term benefits of the project are difficult to quantify in the short term.			
Action/Implementation Plan and Project Description:		Establish an emergency on call contract with a general contractor to provide assistance with equipment and operators			
Actual Completion Date or Ongoing Indefinite					
Project Status & Changes in Priority					
Completion status legend: N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed; R = Want Removed from Annex; X = No Action Taken/Delayed		O			

Action 12.19

Mitigation Action #12.19: EOC Improvements					
Lead Agency/Department Organization: Village Administration	Supporting Agencies/Organizations:	Estimated Cost: High	Potential Funding Source: Village of Inverness General Fund (Annual Budget)	Estimated Projected Completion Date: Long-term	Hazard(s) Mitigated: All
Year Initiated		2021			
Applicable Jurisdiction		Village of Inverness			
Applicable Goal		3			
Applicable Objective		3			
Cost Analysis (Low, Medium, High)		High—Existing funding will not cover the cost of the project; implementation would require new revenue through an alternative source (for example, bonds, grants, and fee increases).			
Priority and Level of Importance (Low, Medium, High)		Low Priority			
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)		Low—Long-term benefits of the project are difficult to quantify in the short term.			
Action/Implementation Plan and Project Description:		Improve the EOC facility equipment and supplies, Improve data connectivity and redundancy to make it more resilient to disruption. Create a formal plan for a back-up EOC Facility.			
Actual Completion Date or Ongoing Indefinite					
Project Status & Changes in Priority Completion status legend: N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed; R = Want Removed from Annex; X = No Action Taken/Delayed		O			

Completed Actions

Completed Mitigation Actions - An archive of all identified and completed projects, including completed actions since 2014.

Completed Action Items
No completed Actions at this time.

Future Needs to Better Understand Risk/Vulnerability

Additional Funding for support storm water management to reduce street flooding and funding to assist with the stabilization of creeks located with the public rights-of-ways.

Additional Comments

No additional comments at this time.

Hazard Mapping











