

**COOK COUNTY
MULTI-JURISDICTIONAL
HAZARD MITIGATION PLAN
VOLUME 2 - Municipal Annexes**

Rolling Meadows Annex

FINAL

July 2019

Prepared for:



Cook County
Department of Homeland Security and Emergency Management
69 W. Washington St., Suite 2600
Chicago, Illinois 60602

Toni Preckwinkle
President
Cook County Board of Commissioners

William Barnes
Executive Director
Cook County Department of Homeland
Security & Emergency Management

Table of Contents

Hazard Mitigation Point of Contact	3
Jurisdiction Profile	4
Capability Assessment	6
Jurisdiction-Specific Natural Hazard Event	11
Hazard Risk Ranking.....	13
Mitigation Strategies and Actions.....	14
New Mitigation Actions	18
Ongoing Mitigation Actions	21
Completed Mitigation Actions.....	28
Future Needs to Better Understand Risk/Vulnerability	29
Additional Comments	30
HAZUS-MH Risk Assessment Results	31
Hazard Mapping	34

Hazard Mitigation Point of Contact

Primary Point of Contact	Alternate Point of Contact
Don Wenzel, Public Works Supervisor 3900 Berdnick Rolling Meadows, IL 60008 Telephone: 847-963-0500 Email Address: Wenzel@cityrm.org	Deb Austerlade, Administrative Assistant 3600 Kirchoff Road Rolling Meadows, IL 60008 Telephone: 847-394-8500 Email Address: AusterladeD@cityrm.org

Jurisdiction Profile

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

- **Date of Incorporation:** February 26, 1955
- **Current Population:** 23,748 as of the 2018 U.S. Census Bureau population estimate.
- **Population Growth:** A 2 percent decrease occurred from 2000 to 2010, with the population relatively stable from 2010 to 2016 with a decrease of only 0.3 percent.
- **Location and Description:** Rolling Meadows is a northwestern suburb of Chicago in Cook County, 28 miles from the Chicago Loop. Rolling Meadows consists of approximately 5.5 square miles of generally level topography with a few small lakes, ponds, retention areas, streams and creeks. Adjacent suburbs to Rolling Meadows are: Palatine to the north and west, Schaumburg to the south, and Mt. Prospect to the east. The City primarily is a residential community; however, within its boundary lays individual and contiguous industrial complexes, medical care facilities, retail shopping, and a number of commercial establishments. Within these facilities lies a risk of a significant hazardous materials incident which could impact the surrounding residential community.
- **Brief History:** The land was originally farmland, until post WWII housing construction began in the 1950s. In 1953, the first families moved into the development, which was eventually named Rolling Meadows. Rolling Meadows incorporated in 1955 as a city named for its gently rolling terrain and soon began annexing land for future development. The town boomed during the 1950s and 1960s as businesses moved into the area. An industrial park opened on the north side of the city in 1958, and since then several additional industrial parks have opened on the south side of the city. Developers inundated the area with apartment buildings, and by 1970 multifamily dwellings made up 35 percent of the total structures in Rolling Meadows. Single-family housing continued to flourish in Rolling Meadows as developers utilized the natural wooded setting for the several subdivisions. To the south on Golf Road, major corporations have established bases in what has become known as the Golden Corridor.
- **Climate:** The climate of Rolling Meadows 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 Village 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 areas 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 areas 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 accumulating snow occurs around Nov 19.

- **Governing Body Format:** The City of Rolling Meadows is governed by an 8-member City Council. This body of Government will assume the responsibility for the adoption and implementation of this plan. The City consists of six departments: Finance, Fire, Police, Public Works, Community Development, and Administration. The City has ten Boards and Commissions.
- **Development Trends:** The City and its Economic Development Committee have identified and targeted three main areas for economic development activities: Meadows Marketplace (formerly the Dominick's Property), the vacant restaurants along Golf and Algonquin Roads, and the vacant Sam's Club property on Golf Road. There is minimal residential construction in the City as most of the land has been developed. Recent infrastructure projects will further enhance access to Rolling Meadows. As part of the ongoing \$2.5 billion Jane Addams Memorial Tollway (I-90) Rebuilding and Widening Project, new westbound exit and entrance ramps constructed in 2016 at Meacham Road. These new ramps will create new access points to Rolling Meadows.

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 the *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	In accordance with Public Act 096-0704, Illinois has adopted the IBC as its state Building Code 10-49: 12/14/2010
Zonings	Yes	No	No	Yes	(65 ILCS 5/) Illinois Municipal Code. 91-71 : 12/10/1991
Subdivisions	Yes	No	No	No	04-28 : 6/8/2004
Stormwater Management	Yes	No	Yes	Yes	State regulates industrial activity from Construction sites 1 acre or larger under section 402 CWA. Under the authority of MWRD. 09-17 : 4/28/2009
Post Disaster Recovery	No	No	No	No	

Real Estate Disclosure	No	No	Yes	Yes	(765 ILCS 77/) Residential Real Property Disclosure Act)
Growth Management	No	No	No	No	
Site Plan Review	Yes	No	No	No	Sec. 122 : 1972
Public Health and Safety	Yes	No	Yes	No	Cook County Board of Health. Code 1967 § 10
Environmental Protection	No	No	No	No	
Planning Documents					
General or Comprehensive Plan	Yes	No	No	No	Code 1967 § 14-18
<i>Is the plan equipped to provide linkage to this mitigation plan?</i>					No
Floodplain or Basin Plan	Yes	No	Yes	No	
Stormwater Plan	Yes	No	Yes	No	Regional storm water impacts are managed by MWRD. The City lies within Upper Salt Creek and Lower Des Plaines watershed planning areas of MWRD's comprehensive Storm Water Master Planning Program.
Capital Improvement Plan	Yes	No	No	No	The Capital Improvement Committee is charged with reviewing all capital improvement related programs.

					Resolution 12-R-81—9/25/12
<i>What types of capital facilities does the plan address?</i>					All Infrastructure
<i>How often is the plan revised/updated?</i>					Yes, Annually
Habitat Conservation Plan	No	No	No	No	
Economic Development Plan	Yes	No	Yes	Yes	The Economic Development Committee is charged with reviewing all economic development related programs and incentives including tax incentives offered through the Cook County 6b program. Code 1967 § 14-33
Shoreline Management Plan	No	No	No	No	
Response/Recovery Planning					
Comprehensive Emergency Management Plan	Yes	No	No	Yes	Emergency Op. Plan
Threat and Hazard Identification and Risk Assessment	No	No	Yes	No	Cook County DHSEM Preparing THIRA
Terrorism Plan	Yes	No	No	Yes	Emergency Op. Plan
Post-Disaster Recovery Plan	Yes	No	No	Yes	Emergency Op. Plan
Continuity of Operations Plan	Yes	No	No	No	Emergency Op. Plan
Public Health Plans	Yes	No	No	No	Emergency Op. Plan

TABLE: FISCAL CAPABILITY	
Financial Resources	Accessible or Eligible to Use?
Community Development Block Grants	Yes
Capital Improvements Project Funding	Yes
Authority to Levy Taxes for Specific Purposes	Yes
User Fees for Water, Sewer, Gas or Electric Service	Yes
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

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	Community Development
Engineers or professionals trained in building or infrastructure construction practices	Yes	Community Development
Planners or engineers with an understanding of natural hazards	Yes	Community Development
Staff with training in benefit/cost analysis	Yes	Finance
Surveyors	Yes	Public Works/Community Development Department
Personnel skilled or trained in GIS applications	Yes	Cook County GIS Consortium
Scientist familiar with natural hazards in local area	Yes	Public Works/Community Development Department
Emergency manager	Yes	Pub. Works/Police/Fire/Administration
Grant writers	Yes	Police/Finance

TABLE: NATIONAL FLOOD INSURANCE PROGRAM COMPLIANCE	
What department is responsible for floodplain management in your jurisdiction?	Public Works
Who is your jurisdiction’s floodplain administrator? (department/position)	Public Works Director
Are any certified floodplain managers on staff in your jurisdiction?	Yes-City Engineer
What is the date of adoption of your flood damage prevention ordinance?	N/A
When was the most recent Community Assistance Visit or Community Assistance Contact?	Unavailable
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)	Yes
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?	No
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

TABLE: COMMUNITY CLASSIFICATIONS			
	Participating?	Classification	Date Classified
Community Rating System	No	N/A	N/A
Building Code Effectiveness Grading Schedule	Yes	4	1/2014
Public Protection	Yes	ISO-3	3/2012
StormReady	Yes	Gold (Countywide)	2014
Tree City USA	Yes	Active	4/15/2012

Jurisdiction-Specific Natural Hazard Event

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: 1
- Number of FEMA-Identified Severe Repetitive Loss Properties: 0
- Number of Repetitive Flood Loss/Severe Repetitive Loss Properties That Have Been Mitigated: 0

TABLE: NATURAL HAZARD EVENTS			
Type of Event	FEMA Disaster # (if applicable)	Date	Preliminary Damage Assessment
Severe Winter Weather	-	1/2019	-
Severe Winter Weather	-	1/2014	-
Severe Winter Weather	-	12/2013	-
Severe Weather	-	6/2013	-
Severe Weather	-	12/2012	-
Severe Winter Weather	-	6/2012	-
Severe Weather	-	6/2012	-
Severe Weather	-	7/2011	-
Severe Winter Weather	-	1/2011	-
Severe Weather	-	4/2010	-
Severe Weather	-	8/2008	-
Severe Weather	-	8/2007	-
Severe Weather	-	6/2007	-
Flood	-	10/2006	-

Flood	-	10/2006	-
Severe Weather	-	10/2006	-
Severe Weather	-	7/2006	-
Severe Winter Weather	-	1/2005	-
Severe Winter Weather	-	1/2002	-
Severe Winter Weather	-	2/2000	-
Severe Winter Weather	-	1/1999	-
Drought	-	1995	-
Flood	-	1988	-
Flood	-	1987	-
Severe Winter Weather	-	1/1979	-

Jurisdiction-Specific Hazards and Impacts

Hazards that represent a county-wide risk are addressed in the Risk Assessment section of the 2019 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 and Severe Weather: We have experienced flooding at Salt Creek and ponds (Kennedy, Kimball Hill, Willow Bend/Lake Barker). Erosion is a major problem that is exasperating flooding issues.

Winter Weather: Winter weather can be dangerous for our elderly community (12.4% of the population is 65 or older and 1 major assisted living facility in the community)

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	Risk Rating Score (Probability x Impact)
1	Severe Weather	54
2	Severe Winter Weather	54
3	Tornado	39
4	Flood	32
5	Earthquake	16
6	Dam Failure	5
7	Drought	2

Mitigation Strategies and Actions

The heart of the mitigation plan is the mitigation strategy, which serves as the long-term blueprint for reducing the potential losses identified in the risk assessment. The mitigation strategy describes how the community will accomplish the overall purpose, or mission, of the planning process. In this section, mitigation actions/projects were updated/amended, identified, evaluated, and prioritized. This section is organized as follows:

- New Mitigation Actions - New actions identified during this 2019 update process
- Ongoing Mitigation Actions - Ongoing actions with no definitive end or that are still in progress. During the 2019 update, these "ongoing" mitigation actions and projects were modified and/or amended, as needed.
- Completed Mitigation Actions - An archive of all identified and completed projects, including completed actions since 2014.

The *Hazard Mitigation Action Plan Matrix Table* below lists the actions that make up the jurisdiction’s hazard mitigation plan. The *Mitigation Strategy Priority Schedule Table* identifies the priority for each action.

TABLE: HAZARD MITIGATION ACTION PLAN MATRIX						
Status	Hazards Mitigated	Objectives Met	Lead Agencies	Estimated Cost	Sources of Funding	Timeline/Projected Completion Date (a)
Action R7.1—Resolve Brookwood Condominium Flooding						
Ongoing	Flood	9, 12	Public Works	\$165,000; Medium	General revenue, FEMA grants, MWRD-Phase-II	Short-term
Action R7.2—Continue Ongoing Maintenance of Outdoor Warning System						
Ongoing	Tornado	5, 6, 8	Public Works	\$125,000; Low	General Revenue	Ongoing
Action R7.3—Streambank Stabilization - Phase 4						
Ongoing	Flood	9,12	Public Works	\$800,000; Medium	General revenue, FEMA grants, MWRD-Phase-II	Short-term
Action R7.4—Streambank Stabilization - Phase 5						

Ongoing	Flood	9,12	Public Works	\$1,000,000; Medium	General revenue, FEMA grants, MWRD-Phase-II	Short-term
Action R7.5 —Spillway Rebuild						
Removed	Flood, Dam Failure	9,12	Public Works	\$225,000; Medium	General revenue, FEMA grants, MWRD-Phase-II	Removed
Action R7.6 —Stormwater Improvements - North Industrial						
Ongoing	Flood	9,12	Public Works	\$225,000; Medium	General revenue, FEMA grants, MWRD-Phase-II	Long-term
Action R7.7 —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						
Ongoing	All	7, 13	Village	High	FEMA Hazard Mitigation Grants	Long-term (depending on funding)
Action R7.8 —Continue to support the countywide actions identified in this plan.						
Ongoing	All	All	Village	Low	General Fund	Short- and long-term
Action R7.9 —Actively participate in the plan maintenance strategy identified in this plan.						
Ongoing	All	3, 4, 6	DHSEM, Village	Low	General Fund	Short-term
Action R7.10 —Consider participation in incentive-based programs such as the Community Rating System, Tree City, and StormReady.						
Ongoing	All	3, 4, 5, 6, 7, 9, 10, 11, 13	Village	Low	General Fund	Long-term
Action R7.11 —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.						

Ongoing	Flooding	4, 6, 9	Community Development	Low	General Fund	Short-term and ongoing
Action R7.12 —Integrate the hazard mitigation plan into other plans, programs, or resources that dictate land use or redevelopment.						
Ongoing	All	3, 4, 6, 10, 13	Community Development	Low	General Fund	Short-term
Action R7.13 —Address erosion problem with stormwater detention pond at Saratoga and Autumn Chase Condos.						
New	Flood	9, 13	Rolling Meadows	Medium	Private/Other	Unknown
a. Ongoing indicates continuation of an action that is already in place. Short-term indicates implementation within five years. Long-term indicates implementation after five years.						

TABLE: MITIGATION STRATEGY PRIORITY SCHEDULE

Action Number	Number of Objectives Met	Benefits	Costs	Do Benefits Equal or Exceed Costs?	Is Project Grant-Eligible?	Can Project Be Funded Under Existing Programs/Budgets?	Priority (a)
1	2	High	Medium	Yes	Yes	Possibly	High
2	3	Medium	Low	Yes	No	Yes	High
3	2	Medium	Low	Yes	Yes	Yes	High
4	2	Medium	Low	Yes	Yes	Yes	High
5	2	Medium	Low	Yes	No	Yes	High
6	2	High	Low	Yes	No	Yes	High
7	2	High	High	Yes	Yes	No	Medium
8	13	Medium	Low	Yes	No	Yes	High
9	3	Medium	Low	Yes	Yes	Yes	High
10	9	Medium	Low	Yes	No	Yes	Medium
11	3	Medium	Low	Yes	No	Yes	High
12	3	Medium	Medium	Yes	Yes	No	Medium
13	5	Medium	Low	Yes	No	Yes	High

a. See Chapter 1 for explanation of priorities.

New Mitigation Actions

The following are new mitigation actions created during the 2019 update.

Action R-7.13

Mitigation Action	Address erosion problem with stormwater detention pond at Saratoga and Autumn Chase Condos.
Year Initiated	2019
Applicable Jurisdiction	Rolling Meadows
Lead Agency/Organization	Rolling Meadows
Supporting Agencies/Organizations	
Applicable Goal	<ul style="list-style-type: none"> • Develop and implement sustainable, cost-effective, and environmentally sound risk-reduction (mitigation) projects. • Develop, promote, and integrate mitigation action plans. • Promote public understanding of and support for hazard mitigation.
Applicable Objective	<ul style="list-style-type: none"> • Provide or improve flood protection on a watershed basis with flood control structures and drainage maintenance plans. • Encourage hazard mitigation measures that result in the least adverse effect on the natural environment and that use natural processes.
Potential Funding Source	Private/Other
Estimated Cost	N/A
Benefits (loss avoided)	Avoid failure of building foundation to buildings. Stormwater management.
Projected Completion Date	TBD
Priority and Level of Importance (Low, Medium, High)	High Priority
Benefit Analysis (Low, Medium, High)	High—Project will provide an immediate reduction of risk exposure for life and property.
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.
Actual Completion Date	

Recommended Mitigation Action/Implementation Plan and Project Description	
Action/Implementation Plan and Project Description:	

Mitigation Action and Project Maintenance		
Year	Status	Comments
2019	New	
2020		
2021		
2022		
2023		

Mitigated Hazards	
	All Hazards
	Dam/Levee Failure
	Drought
	Earthquake
X	Flood
	Extreme Heat
	Lightning
	Hail
	Fog
	High Wind
	Snow
	Blizzard
	Extreme Cold
	Ice Storms
	Tornado
	Epidemic or pandemic
	Nuclear Power Plant Incident
	Widespread Power Outage
	Coastal Erosion
	Secondary Impacts from Mass Influx of Evacuees
	Hazardous Materials Incident

Ongoing Mitigation Actions

The following are ongoing actions with no definitive end or that are still in progress. During the 2019 update, these "ongoing" mitigation actions and projects were modified and/or amended, as needed.

Action R-7.1

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# R-7.1	Resolve Brookwood Condominium flooding.	
Status Description: Yes		O
<p>Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken</p>		

Action R-7.2

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# R-7.2	Continue Ongoing Maintenance of Outdoor Warning System.	
Status Description: Yes	Two outdoor warning systems have been replaced.	O
<p>Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken</p>		

Action R-7.3

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# R-7.3	Streambank Stabilization - Phase 4	
Status Description: Yes		O
<p>Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken</p>		

Action R-7.4

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# R-7.4	Streambank Stabilization - Phase 5	
Status Description: Yes		O
<p>Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken</p>		

Action R-7.6

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# R-7.6	Stormwater improvements - North Industrial	
Status Description: Yes		O
<p>Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken</p>		

Action R-7.7

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# R-7.7	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.	
Status Description: Yes		O
<p>Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken</p>		

Action R-7.8

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# R-7.8	Continue to support the county-wide actions identified in this Plan.	
Status Description: Yes	Annual update submitted.	O
<p align="center">Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken</p>		

Action R-7.9

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# R-7.9	Actively participate in the Plan maintenance strategy identified in this plan.	
Status Description: Yes	Annual update submitted.	O
<p align="center">Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken</p>		

Action R-7.10

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# R-7.10	Consider participation in incentive-based programs such as the Community Rating System, Tree City, and StormReady.	
Status Description: Yes	StormReady designation has been successfully obtained. Maintaining our Tree City designation. Contract has been awarded to the Park District for the Community Rating System.	O
<p style="text-align: center;">Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken</p>		

Action R-7.11

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# R-7.11	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.	
Status Description: Yes	All plans are reviewed for compliance when received.	O
<p style="text-align: center;">Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken</p>		

Action R-7.12

TABLE: ACTION PLAN MATRIX		
Action Number Action Taken Y/N	Action Item Description	Status (X, O, C, R, N)
# R-7.12	Integrate the Hazard Mitigation Plan into other plans, programs or resources that dictate land use or redevelopment.	
Status Description: Yes		O
<p align="center">Completion status legend:</p> <p align="center"> N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken </p>		

Completed Mitigation Actions

Rolling Meadows has no completed actions at this time.

Future Needs to Better Understand Risk/Vulnerability

No needs have been identified at this time.

Additional Comments

No additional comments at this time

HAZUS-MH Risk Assessment Results

ROLLING MEADOWS EXISTING CONDITIONS	
2010 Population	24,099
Total Assessed Value of Structures and Contents	\$4,018,412,748
Area in 100-Year Floodplain	214.95 acres
Area in 500-Year Floodplain	271.45 acres
Number of Critical Facilities	78

HAZARD EXPOSURE IN ROLLING MEADOWS						
	Number Exposed		Value Exposed to Hazard		Total	% of Total Assessed Value Exposed
	Population	Buildings	Structure	Contents		
Dam Failure						
Buffalo Creek	0	0	\$0	\$0	\$0	0.00%
U. Salt Cr. #2	2,347	722	\$637,129,000	\$525,388,000	\$1,162,517,000	28.93%
Touhy	0	0	\$0	\$0	\$0	0.00%
U. Salt Cr. #3	3,923	1,207	\$874,611,000	\$711,891,000	\$1,586,502,000	39.48%
U. Salt Cr. #4	4,141	1,274	\$877,631,000	\$713,400,000	\$1,591,031,000	39.59%
Flood						
100-Year	20	6	\$16,491,438	\$15,064,678	\$31,556,116	0.79%

500-Year	127	39	\$64,368,111	\$59,102,301	\$123,470,412	3.07%
Tornado						
100-Year	—	—	\$313,663,163	\$173,221,922	\$486,885,086	12.12%
500-Year	—	—	\$581,749,342	\$402,651,337	\$984,400,680	24.50%

ESTIMATED PROPERTY DAMAGE VALUES IN ROLLING MEADOWS				
	Estimated Damage Associated with Hazard			% of Total Assessed Value Damaged
	Building	Contents	Total	
Dam Failure				
Buffalo Creek	\$0	\$0	\$0	0.00%
U. Salt Cr. #2	\$4,621,000	\$4,688,000	\$9,309,000	0.23%
Touhy	\$0	\$0	\$0	0.00%
U. Salt Cr. #3	\$21,724,000	\$47,603,000	\$69,327,000	1.73%
U. Salt Cr. #4	\$24,567,000	\$52,360,000	\$76,927,000	1.91%
Earthquake				
1909 Historical Event	\$9,001,418	\$2,226,367	\$11,227,785	0.28%
Flood				
10-Year	\$24,420	\$45,492	\$69,913	0.00%
100-Year	\$254,911	\$316,467	\$571,378	0.01%
500-Year	\$7,816,558	\$22,825,085	\$30,641,643	0.76%

Tornado				
100-Year	\$31,366,316	\$17,322,192	\$48,688,509	1.21%
500-Year	\$84,935,404	\$58,787,095	\$143,722,499	3.58%

Hazard Mapping





