

TOWN OF COTTAGE GROVE
TOWN BOARD RESOLUTION NO. 2022-07-05 *a*

Adopting the Town of Cottage Grove Annex to the Dane County Natural Hazard Mitigation Plan

WHEREAS the Town of Cottage Grove recognizes the threat that natural hazards pose to people and property within our community; and

WHEREAS the Town of Cottage Grove recognizes the importance of reducing or eliminating vulnerability to disasters caused by natural hazards for the overall good and welfare of the community, and

WHEREAS the Town of Cottage Grove has been an active participant in the Dane County Hazard Mitigation Planning Committee, which has established a comprehensive, multi-jurisdictional, Natural Hazard Mitigation Plan to identify natural hazards and develop strategies to mitigate natural hazards, and

WHEREAS the Federal Disaster Mitigation Act of 2000 requires jurisdictions to prepare and adopt a hazard mitigation plan to be eligible for certain federal disaster mitigation funding opportunities,

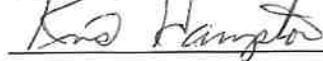
WHEREAS Town of Cottage Grove has identified and justified a number of proposed projects and programs needed to mitigate the vulnerabilities of Town of Cottage Grove to the impacts of future disasters to be included in the Town of Cottage Grove Annex to the Dane County Natural Hazard Mitigation Plan, and

NOW, THEREFORE, BE IT RESOLVED that,

1. The Town of Cottage Grove hereby proposes to accept and approve the Town of Cottage Grove Annex to the Dane County Natural Hazard Mitigation Plan, attached as Exhibit A and fully incorporated herein; and
2. The Town of Cottage Grove will continue to participate in the updating and revision of the Town of Cottage Grove Annex to the Dane County Hazard Mitigation Plan with a plan review and revision to occur within a five-year cycle, and designated staff will provide annual progress reports on the status of implementation of the plan to the Town Board; and
3. On behalf of Town of Cottage Grove, Dane County is authorized to submit this plan adoption resolution to Wisconsin Emergency Management and Federal Emergency Management Agency, Region V officials to enable final acceptance and recognition of the Natural Hazard Mitigation Plan.

This resolution was duly considered and adopted by the Town of Cottage Grove Board of Supervisors pursuant to a vote 5 for and 0 against and 0 abstentions on this 5th day of July, 2022.

TOWN OF COTTAGE GROVE



Kris Hampton, Town Chair

ATTEST:



Kim Banigan, Town Clerk

Town of Cottage Grove Annex

This annex is a part of the Dane County Natural Hazard Mitigation Plan (DCNHMP). The DCNHMP contains additional information to support the Federal Emergency Management Agency's (FEMA) recognition of the plan (including this annex) as the formal natural hazard mitigation plan for the county and participating local governments. This annex will be valid for as long as FEMA approves the DCNHMP. The strategies adopted in this annex are designed to guide community efforts to reduce risks from natural hazards. These strategies work in conjunction with neighboring communities and Dane County government to reduce risks from natural hazards.

COMMUNITY PROFILE

The Town of Cottage Grove is located in eastern Dane County, Wisconsin, about 1½ miles east of Madison and 65 miles west of Milwaukee. Its land area includes about 33.7 square miles. It is bisected by County Highways BB and N, bordered on the north by I-94 and US Highway 12/I8 runs through the southern part. The Town is bordered on the north by the town of Sun Prairie and the town of Pleasant Springs to the south. The town of Deerfield is located to the east and the Town of Blooming Grove and the city of Madison to the west. The Village of Cottage Grove is located in the northern part of the Town, along County Trunks N and BB and includes 1,480 acres. Pursuant to state statutes, the Village extends and exercises its extraterritorial authority into the Town 1½ miles in all directions, and the City of Madison extends and exercises its extraterritorial authority into the Town 3 miles. Where the extraterritorial jurisdictions of the City of Madison and the Village of Cottage Grove meet, a compromise between the two has been reached. This extraterritorial area encompasses some 17,225 acres. Collectively, the area of the Village and the extraterritorial area accounts for about 81 percent of the original town. Land use in the Town includes agriculture, wetlands and woodlands, rural subdivisions, and dispersed one and two-family homes.

As of 2020, the Town of Cottage Grove has 2,408 households, with an average of 2.9 people per household. The municipal population data provided by the American Community Survey, a product of the US Census Bureau, indicates that the 2019 population estimates for Town of Cottage Grove is comprised of 3,958 people. Table 1 shows the population profile by age for Town of Cottage Grove.

Population Summary

Tables 4-7 illustrates key population demographics within the Town of Cottage Grove. Key demographics include: (1) Disability Characteristics, (2) Federal Income Poverty Levels, (3) Educational Attainment, and (4) Household Language with English Speaking Capabilities. Due to data availability, all key demographic information has been provided by the American Community Survey (ACS) 2019 estimates. The ACS is a self-reported survey and may include total sample size differences and statistical margin of error.

Table 4 Town of Cottage Grove, Dane County – Disability Characteristics by Detailed Age

Category	Number	Percent
Total of Residents with Self-Identified Disabilities	693	100%
With a hearing difficulty	234	33.8%
Population under 18 years	22	-
Population 18 to 64 years	90	-
Population 65 years and over	122	-
With a vision difficulty	39	5.6%
Population under 18 years	0	-
Population 18 to 64 years	9	-
Population 65 years and over	30	-
With a cognitive difficulty	243	35.1%
Population under 18 years	27	-
Population 18 to 64 years	143	-
Population 65 years and over	73	-
With an ambulatory difficulty	71	10.2%
Population under 18 years	11	-
Population 18 to 64 years	34	-
Population 65 years and over	26	-
With a self-care difficulty	8	1.2%
Population under 18 years	0	-
Population 18 to 64 years	8	-
Population 65 years and over	0	-
With an independent living difficulty	98	14.1%
Population 18 to 64 years	42	-
Population 18 to 34 years	9	-
Population 65 years and over	56	-

Data Source: 2019 ACS Estimates - U.S. Census

Table 7: Household Language & English Speaking Capabilities

Category	Number	Percent
Total of Households	1,465	100%
English only	1,336	91.2%
Spanish:	68	4.6%
Limited English speaking household	0	-
Not a limited English speaking household	68	-
Other Indo-European languages:	29	2.0%
Limited English speaking household	0	-
Not a limited English speaking household	29	-
Asian and Pacific Island languages:	32	2.2%
Limited English speaking household	0	-
Not a limited English speaking household	32	-
Other languages:	0	0.0%
Limited English speaking household	0	-
Not a limited English speaking household	0	-

Data Source: 2019 American Community Survey

Note: Population estimates offered by the U.S. Census Bureau's American Community Survey may differ from the WDOA data, due to sourcing, margin of error, and data availability.

Critical Facilities

The Town of Cottage Grove has identified the critical facilities important to protect from disaster impacts. These are collected in Table 9. Table 9 is based on GIS data inventories from Dane County and information gathered from the Town. No further supplemental data was provided by the community through the Data Collection Guide.

Table 9 Critical Facility Summary/Essential Infrastructure

Facility	Type*	No. of Facilities	Replacement Value (\$)
11 Bridges	El	11	(Total)
Baxter Rd Bridge	El	1	\$150,000
Ridge Rd Bridge	El	1	\$500,000
Uphoff Rd Bridge	El	1	\$550,000
W. Ridge Rd Bridge	El	1	\$500,000
Femrite Rd Bridge	El	1	\$500,000
Hope Rd Bridge	El	1	\$500,000
Siggelkow Rd Bridge	El	1	\$500,000
Natvig Rd Bridge	El	1	\$400,000
Vilas Rd Bridges (3)	El	3	\$1,100,000
Flynn Hall at 116 W. Reynolds St	VF	1	\$750,000
Town Garage at 4062 County N	El	1	\$800,000
Salt Shed at 4062 County N	El	1	\$75,000
Pole Shed at 4062 County N	El	1	\$35,000
Electric Substation	El	1	Not Town Owned
Emergency Services Building	El	1	\$5,000,000
Town Hall at 4058 County N	El	1	\$900,000
Police Station at 2560 Nora Rd	El	1	\$2,000,000
Salt bunker with overhead storage	El	1	50,000
*El: Essential Infrastructure; VF: Vulnerable Facilities; HM: Hazardous Materials Facilities			

Data Source: 2021 Town of Cottage Grove Data Collection Guide

Table 10: Vulnerability Assessment Matrix for the Town of Cottage Grove

Name of Jurisdiction: <u>Town of Cottage Grove</u>										
Hazard	<u>Hazard</u> Attributes			<u>Impact</u> Attributes						Total of Row Values
	Area of Impact	Past History, Probability of Future Occurrence	Short Term Time Factors	Primary Impact (Short Term - Life and Property)			Secondary Impact (Long Term – Community Impacts)			
Impact on General Structures				Impact on Critical Facilities	Impact on At-Risk Populations	Social Impact	Economic Impact	Severity Of Other Associated Secondary Hazards		
	(1-5)	(1-5)	(1-5)	(0-5)	(0-5)	(0-5)	(0-5)	(0-5)	(0-5)	
Dam/Levee failure	1	1	1	0	0	0	0	0	0	3
Extreme Cold	5	3	3	4	4	3	1	1	0	24
Extreme Heat	5	3	3	2	1	4	1	1	0	20
Drought	5	2	2	1	1	1	1	4	3	20
Expansive soils	0	0	0	0	0	0	0	0	0	0
Flood	3	4	4	3	4	1	1	4	2	26
Fog	3	3	3	0	0	0	0	0	0	9
Hail Storm	3	3	3	1	0	0	0	3	0	13
Landslide	0	0	0	0	0	0	0	0	0	0
Lightning	1	1	3	3	3	3	1	2	3	20
Tornado	5	3	5	5	5	5	5	5	5	43
Wildfire	1	1	5	2	0	1	1	1	0	12
Windstorm	5	5	5	5	3	2	1	4	3	33
Winter Storm	5	3	3	4	3	3	1	1	2	25

Previous Hazard Events

Through the Data Collection Guide, the Town of Cottage Grove noted specific historic hazard events to include in the community profile. These events have been incorporated into the appropriate hazard chapters in the main mitigation plan. These events had a particular impact on the community beyond the impacts and events recorded in the Dane County Hazard Mitigation Plan. This is not a comprehensive summary of past incidents, as the hazard profiles collected in the main Mitigation Plan include other events that may have historically impacted the jurisdiction. The events noted by this jurisdiction in the Data Collection Guide include:

Town of Cottage Grove Historic Natural Hazards

Table 12 Town of Cottage Grove Historic Natural Hazards

Natural Hazard	Date	Impacted Structures	Comprehensive Harm to Jurisdiction	Other reported Losses (Fiscal reports, programs, etc)	Comments
Winter Storm	02/1-2/2011	N/A	Overtime work to clear roads.	N/A	\$ 11,183.40 [High likelihood of reoccurring]
Wind Storm	07/06/2021	Multiple Impacted Structures	Lots of trees down throughout the subdivision. Highway crew picked up tree debris placed by the road in that subdivision over the course of more than a week..	N/A	Mostly occurred in Ravenwood subdivision [High likelihood of reoccurring]

Data Source: 2021 Town of Cottage Grove Data Collection Guide

CAPABILITY ASSESSMENT

Capabilities are the programs and policies currently in use to reduce hazard impacts or that could be used to implement hazard mitigation activities. This capabilities assessment summarizes regulatory mitigation capabilities, administrative and technical mitigation capabilities, and fiscal mitigation capabilities for the Town of Cottage Grove.

Mitigation Capabilities Summary

Table 16 lists planning and land management tools typically used by local jurisdictions to implement hazard mitigation activities, or by themselves contribute to reducing hazard losses. The table also indicates which of these tools are currently utilized in the Town of Cottage Grove.

Table 16 Town of Cottage Grove Regulatory Mitigation Capabilities

Regulatory Tools (ordinances, codes, plans)	Yes/No	Comments
Existing Natural Hazard Mitigation Plan	Yes	Annex to Dane County Plan
General or Comprehensive plan	Yes	Comprehensive Plan
Zoning ordinance	No	Town is under Dane County zoning
Subdivision ordinance	Yes	TCG Ordinance Chapter 15
Growth management ordinance	No	N/A
Shoreland / wetland zoning ordinance	No	Under Dane County's ordinance
Floodplain zoning ordinance	No	Under Dane County's ordinance
FEMA / NFIP Community Rating System	No	N/A
Other special purpose ordinance (stormwater, steep slope, wildfire)	Yes	Stormwater – Chapter 14 Illicit Discharge Control
Building code	Yes	TCG Ordinance Chapter 12
Fire department ISO rating	5/10	5 within 5 miles of station, 10 elsewhere
Climate change Impact program	No	N/A
Erosion or sediment control program	No	County regulates erosion control
Stormwater management program	Yes	MS4 Permit
Site plan review requirements	Yes	TCG Ordinance Section 12.08
Capital improvements plan	No	N/A
Economic development plan	No	N/A
Local emergency operations plan	Yes	N/A
Other special plans	No	N/A
Flood insurance study or other engineering study for streams	No	N/A
Elevation certificates (for floodplain development)	Yes	With property records

Table 18 identifies financial tools or resources that the Town of Cottage Grove could potentially use to help fund mitigation activities.

Table 18 Financial Resources for the Town of Cottage Grove

Financial Resources	Accessible/Eligible to Use (Yes/No)
Community Development Block Grants	Yes
Capital improvements project funding	Yes
Authority to levy taxes for specific purposes	Yes
Dedicated funding for land, easement or conservation easement acquisition	No
Fees for water, stormwater, sewer, gas, or electric services	No
Impact fees for new development	Yes
Incur debt through general obligation bonds	Yes
Incur debt through special tax bonds	No
Incur debt through private activities	No
Withhold spending in hazard prone areas	No

Data Source: Town of Cottage Grove Data Collection Guide

Additional Capabilities

The Town of Cottage Grove identified the following as past or ongoing public education or information programs:

- Fire protection events offered by the Fire department, including visits to local schools or daycares.
- Fire, EMS and Emergency Government departments all have articles in the Town of Cottage Grove annual report and newsletter that is sent to all residents.
- Stormwater management presentations at the Annual Meeting several times.
- Stormwater Consultant, Charles Nahn of Nahn & Associates, works with the Monona Grove High School toward holding educational sessions on stormwater control.

Mitigation Actions

Mitigation Strategies

Below are the identified mitigation strategies developed by the Town of Cottage Grove’s NHMP steering committee. Mitigation is defined as a sustained action to reduce or eliminate risk to people and property from hazards and their effects. A *mitigation strategy* is a long-term vision for risk reduction in local jurisdictional or regional planning. A mitigation strategy can be achieved by a list of overall improvements to achieve (goals) that provide direction for community efforts to reduce potential losses identified in the risk assessment.

Strategy #1	Severe Heat and/or Cold
Prevention	Natural Resource Protection
Property Protection	Critical Facilities Protection
Public Education & Awareness	Structural Project
Purpose and desired outcomes are to make sure cooling or warming shelters are available to residents.	
Defined steps to achieving this mitigation strategy	
<ol style="list-style-type: none"> 1. Use Town Annual newsletter, email, web site, local and social media to educate town residents where centers would be/are located. First priority would be the Town Hall with a capacity of 150. Flynn Hall could take another 180 people. Town Garage could serve as an overflow heating center. Duration is expected to be short term. Water is available; need a supply of disposable drinking cups. Food may be needed if time becomes extended. <ol style="list-style-type: none"> a. <i>Responsible Party</i> – Emergency Government/Town Board/Town Staff b. <i>Funding source</i> – Town Budget c. <i>Completion date</i> – ongoing 	

Strategy #2	Flooding	
Prevention	Natural Resource Protection	
Property Protection	Critical Facilities Protection	
Public Education & Awareness	Structural Project	
Assess critical waterways in the Township for flood mitigation. Provide sand bags and sand for use by property owners.		
Defined steps to achieving this mitigation strategy		
<p>1. Improvements to Koshkonong Creek are needed to allow water coming from Sun Prairie to flow through the Town without flooding. The Town has agreed to share the cost of a 3-year study by the University Alliance to determine what steps are needed to mitigate the flooding from the creek.</p> <ul style="list-style-type: none"> a. <i>Responsible Party</i> – Town Board/Friends of the Koshkonong Creek/UW Alliance b. <i>Funding source</i> – Town Budget c. <i>Completion date</i> – August 2024 		
<p>2. Perform improvements as recommended by UW Alliance Study.</p> <ul style="list-style-type: none"> d. <i>Responsible Party</i> – Town Board/Contractors e. <i>Funding source</i> – Town Budget, look for grant funding f. <i>Completion date</i> – Unknown until scope is determined by UW Alliance Study g. 		
<p>3. Improve Ridge Road in the area that frequently floods.</p> <ul style="list-style-type: none"> h. <i>Responsible Party</i> – Town Board i. <i>Funding source</i> – Town Budget, look for grant funding j. <i>Completion date</i> – End of 2022 		

Strategy #3	Tornado/Windstorm	
Prevention	Natural Resource Protection	
Property Protection	Critical Facilities Protection	
Public Education & Awareness	Structural Project	
Overall purpose is to keep roads open so people can get the services they need and to provide shelter to those whose homes are uninhabitable.		
Defined steps to achieving this mitigation strategy		
<p>3. Assess/maintain trees over roadways that could cause damage or injury if they fall in a wind storm and communicate with utilities about any trees over utility lines.</p> <ul style="list-style-type: none"> a. <i>Responsible Party</i> – Town Highway Department b. <i>Funding source</i> – Town Budget c. <i>Completion date</i> – Ongoing 		
<p>4. Open a shelter for those whose homes are damaged. Use Town Annual newsletter, email, web site, local and social media to educate town residents where shelters would be/are located. First priority would be the Town Hall with a capacity of 150. Flynn Hall could take another 180 people. Town Garage could serve as an overflow for winter storms, but does not have adequate A/C to be a summer shelter. Duration is expected to be short term. Water is available: need a supply of disposable drinking cups. Food may be needed if time becomes extended.</p> <ul style="list-style-type: none"> k. <i>Responsible Party</i> – Emergency Government, Town Staff l. <i>Funding source</i> – Town Budget, possible FEMA reimbursement m. <i>Completion date</i> – Immediately after storm occurrence n. 		
<p>5. Emergency Government would be activated for response and recovery.</p> <ul style="list-style-type: none"> d. <i>Responsible Party</i> – Emergency Government e. <i>Funding source</i> – Town Budget/Possible FEMA reimbursement f. <i>Completion date</i> – Immediately after storm occurrence 		

Strategy #4	Winter Storm	
Prevention	Natural Resource Protection	
Property Protection	Critical Facilities Protection	
Public Education & Awareness	Structural Project	
Overall purpose is to keep roads open so people can get the services they need. Offer shelter to those displaced from their homes.		
Defined steps to achieving this mitigation strategy		
<p>7. Install snow fence to minimize drifting, mow ditches so snow doesn't collect and maintain trees so they don't weight down and create hazards.</p> <ul style="list-style-type: none"> a. <i>Responsible Party</i> – Town Highway Department b. <i>Funding source</i> – Town Budget c. <i>Completion date</i> – Every fall 		
<p>8. Open a shelter for those whose homes are uninhabitable. Use Town Annual newsletter, email, web site, local and social media to educate town residents where shelters would be/are located. First priority would be the Town Hall capacity with a of 150. Flynn Hall could take another 180 people. Town Garage could serve as an overflow. Duration is expected to be short term. Water is available: need a supply of disposable drinking cups. Food may be needed if time becomes extended.</p> <ul style="list-style-type: none"> o. <i>Responsible Party</i> – Emergency Government, Town Staff p. <i>Funding source</i> – Town Budget, possible FEMA reimbursement q. <i>Completion date</i> – Immediately after storm occurrence r. 		
<p>9. Maintain list contractors to assist with snow removal.</p> <ul style="list-style-type: none"> g. <i>Responsible Party</i> – Highway Superintendent h. <i>Funding source</i> – Town Budget/Possible FEMA reimbursement i. <i>Completion date</i> – Ongoing 		



Dane County Natural Hazard Mitigation Plan

Town of Cottage Grove Annex

Summer 2022

Town of Cottage Grove Annex

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COMMUNITY PROFILE

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Table 1 Population Profile of Town of Cottage Grove, Dane County

Category	Number	Percent
Total population	3,958	100%
Under 5 years	289	7.3%
5 to 9 years	240	6.1%
10 to 14 years	225	5.7%
15 to 19 years	134	3.4%
20 to 24 years	254	6.4%
25 to 29 years	111	2.8%
30 to 34 years	172	4.3%
35 to 39 years	176	4.4%
40 to 44 years	207	5.2%
45 to 49 years	288	7.3%
50 to 54 years	329	8.3%
55 to 59 years	519	13.1%
60 to 64 years	339	8.6%
65 to 69 years	280	7.1%
70 to 74 years	238	6.0%
75 to 79 years	54	1.4%
80 to 84 years	84	2.1%
85 years and over	19	0.5%

Data Source: 2019 ACS Estimates - U.S. Census

Growth & Development Trends

Table 2-3 illustrates how the entire Town of Cottage Grove has grown in terms of population and number of households between 2010 and 2020. Housing data is to 2020 due to data availability. This data may differ from the 2019 Census Population Estimates, due to sampling differences and margin of error. Table 2-3 is drawn from the Wisconsin Department of Administration.

Table 2 Town of Cottage Grove Change in Population and Households, 2010-2020

2010 Population	2020 Population	Percent Change (%) 2010-2020	2010 # of Households	2020 # of Households	Percent Change (%) 2010-2020
3,875	3,918	1.11%	1,463	2,408	64.5%

Data Source: Demographic Services Center, Wisconsin Department of Administration, 2021

Table 3 Town of Cottage Grove Population Projections, 2020-2040 11.79

Population Projection	2020	2025	2030	2035	2040
Increase by half of percent of change (1.11%/2) every 5 years	1,688	1,697	1,706	1,715	1,724

Data Source: Demographic Services Center, Wisconsin Department of Administration, 2021

Note: Population estimates offered by the U.S. Census Bureau's American Community Survey may differ from the WDOA data, due to sourcing, margin of error, and data availability.

Population Summary

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Population 65 years and over	26	-
With a self-care difficulty	8	1.2%
Population under 18 years	0	-
Population 18 to 64 years	8	-
Population 65 years and over	0	-
With an independent living difficulty	98	14.1%
Population 18 to 64 years	42	-
Population 18 to 34 years	9	-
Population 65 years and over	56	-

Data Source: 2019 ACS Estimates - U.S. Census

Table 5.1: Town of Cottage Grove, Dane County – Federal Income Poverty Levels (FIPL) by Families Summary

Category	Number of Families
50 percent of poverty level	0
125 percent of poverty level	14
150 percent of poverty level	31
185 percent of poverty level	47
200 percent of poverty level	81
300 percent of poverty level	133
400 percent of poverty level	346
500 percent of poverty level	538

Note: Use table 5.2 to interpret table 5.1:

5.1 identifies the *total number of families* (regardless of size) by percentage.

5.2 identifies *family size* in relation to annual family income and the percentage category of the FIPL.

Data Source: 2019 ACS Estimates - U.S. Census

Table 5.2: Town of Cottage Grove, Dane County – Annual Federal Income Poverty Level Guide

Family Size	50%	100%	125%	150%	185%	200%	300%	400%	500%
1	\$6,440	\$12,880	\$16,100	\$19,320	\$23,828	\$25,760	\$38,640	\$51,520	\$64,400
2	\$8,710	\$17,420	\$21,775	\$26,130	\$32,227	\$34,840	\$52,260	\$69,680	\$87,100
3	\$10,980	\$21,960	\$27,450	\$32,940	\$40,626	\$43,920	\$65,880	\$87,840	\$109,800
4	\$13,250	\$26,500	\$33,125	\$39,750	\$49,025	\$53,000	\$79,500	\$106,000	\$132,500
5	\$15,520	\$31,040	\$38,800	\$46,560	\$57,424	\$62,080	\$93,120	\$124,160	\$155,200
6	\$17,790	\$35,580	\$44,475	\$53,370	\$65,823	\$71,160	\$106,740	\$142,320	\$177,900

Data Source: dhs.wisconsin.gov

Table 6: Town of Cottage Grove, Dane County – Educational Attainment by Householders

Category	Number	Percent
Total of Householders	1,160	100%
Less than high school graduate	16	1.4%
High school graduate (includes equivalency)	339	29.2%
Some college, associate's degree	440	37.9%
Bachelor's degree or higher	365	31.5%

Data Source: 2019 ACS Estimates - U.S. Census

Table 7: Household Language & English Speaking Capabilities

Category	Number	Percent
Total of Households	1,465	100%
English only	1,336	91.2%
Spanish:	68	4.6%
Limited English speaking household	0	-
Not a limited English speaking household	68	-
Other Indo-European languages:	29	2.0%
Limited English speaking household	0	-
Not a limited English speaking household	29	-
Asian and Pacific Island languages:	32	2.2%
Limited English speaking household	0	-
Not a limited English speaking household	32	-
Other languages:	0	0.0%
Limited English speaking household	0	-
Not a limited English speaking household	0	-

Data Source: 2019 American Community Survey

Note: Population estimates offered by the U.S. Census Bureau's American Community Survey may differ from the WDOA data, due to sourcing, margin of error, and data availability.

Asset Inventory

Assets include the people, property, and critical facilities within the Town of Cottage Grove that are exposed to hazards in general. Inventories of property, essential infrastructure, and natural, cultural or historic resources help provide a comprehensive picture of the community and provide a method of assessing exposure to hazards by establishing the improved and total values, capacities and populations for these assets. It also forms the basis for estimating potential losses, where possible.

General Property

Table 8 Property Exposure Summary

Property Type	Parcel Count	Improved Land Count	Improved Land Value (\$)	Content Value (\$)	Total Value (\$)
Total	4,276	4,233	8,179,690,700	4,089,845,350	12,269,536,050
Agriculture	736	736	91,837,000	45,918,500	137,755,500
Industrial	37	37	29,704,900	14,852,450	44,557,350
Residential	2,365	2,365	393,517,500	196,758,750	590,276,250
Transportation	10	10	464,500	232,250	696,750
Utility	3	3	8,600	4,300	12,900
Commercial	37	37	9,520,000	4,760,000	14,280,000
Other	20	20	9,460,200	4,730,100	14,190,300
Institutional/ Governmental	22	22	679,700	339,850	1,019,550

Data Source: Dane County Land Information Office, December 2021

Critical Facilities

The Town of Cottage Grove has identified the critical facilities important to protect from disaster impacts. These are collected in Table 9. Table 9 is based on GIS data inventories from Dane County and information gathered from the Town. No further supplemental data was provided by the community through the Data Collection Guide.

Table 9 Critical Facility Summary/Essential Infrastructure

Facility	Type*	No. of Facilities	Replacement Value (\$)
11 Bridges	El	11	(Total)
Baxter Rd Bridge	El	1	\$150,000
Ridge Rd Bridge	El	1	\$500,000
Uphoff Rd Bridge	El	1	\$550,000
W. Ridge Rd Bridge	El	1	\$500,000
Femrite Rd Bridge	El	1	\$500,000
Hope Rd Bridge	El	1	\$500,000
Siggelkow Rd Bridge	El	1	\$500,000
Natvig Rd Bridge	El	1	\$400,000
Vilas Rd Bridges (3)	El	3	\$1,100,000
Flynn Hall at 116 W. Reynolds St	VF	1	\$750,000
Town Garage at 4062 County N	El	1	\$800,000
Salt Shed at 4062 County N	El	1	\$75,000
Pole Shed at 4062 County N	El	1	\$35,000
Electric Substation	El	1	Not Town Owned
Emergency Services Building	El	1	\$5,000,000
Town Hall at 4058 County N	El	1	\$900,000
Police Station at 2560 Nora Rd	El	1	\$2,000,000
Salt bunker with overhead storage	El	1	50,000
*El: Essential Infrastructure; VF: Vulnerable Facilities; HM: Hazardous Materials Facilities			

Data Source: 2021 Town of Cottage Grove Data Collection Guide

Other Assets

Other assets help define a community beyond the current composition of the Town of Cottage Grove. These assets may provide economic benefit to the community, in addition to preserving the heritage and diversity of the community and may include natural, cultural and historic assets or economic assets such as major employers. It may also include more specific detail on critical facilities. The Town of Cottage Grove has not identified any other assets.

VULNERABILITY ASSESSMENT

A hazard identification and vulnerability analysis was completed for the Town of Cottage Grove using the same methodology in the County's base plan. The information to support the hazard identification and risk assessment for this Annex was collected through a Data Collection Guide, which was distributed to each participating municipality to complete.

The first step in a hazard analysis is to identify which hazards the community is vulnerable to. Table 10 outlines the hazard identification for the Town of Cottage Grove based on the Data Collection Guide issued in 2021. The Data Collection Guide listed all of the hazards that could impact Dane County. The purpose of this worksheet was to identify and rank the hazards and vulnerabilities specific to the jurisdiction. Brooklyn's planning team members were asked to complete the matrix by ranking each category on a scale of 0 to 5 based on the experience and perspective of each planning team member. A ranking of 0 indicated "no concern" while a ranking of 5 indicated "highest concern." This matrix appears as Table 10. This matrix reflects the significance of the hazards relative to one another as perceived by the Example's planning team.

This matrix reflects that the Town of Cottage Grove is most vulnerable to tornadoes, wind storms, and floods. The vulnerability established here is a qualitative assumption based on the impacts, geographic extent, probability of future occurrence, and magnitude/severity.

Table 10: Vulnerability Assessment Matrix for the Town of Cottage Grove

Name of Jurisdiction: <u>Town of Cottage Grove</u>										
Hazard	Hazard Attributes			Impact Attributes						Total of Row Values
	Area of Impact	Past History, Probability of Future Occurrence	Short Term Time Factors	Primary Impact (Short Term - Life and Property)			Secondary Impact (Long Term – Community Impacts)			
Impact on General Structures				Impact on Critical Facilities	Impact on At-Risk Populations	Social Impact	Economic Impact	Severity Of Other Associated Secondary Hazards		
	(1-5)	(1-5)	(1-5)	(0-5)	(0-5)	(0-5)	(0-5)	(0-5)	(0-5)	
Dam/Levee failure	1	1	1	0	0	0	0	0	0	3
Extreme Cold	5	3	3	4	4	3	1	1	0	24
Extreme Heat	5	3	3	2	1	4	1	1	0	20
Drought	5	2	2	1	1	1	1	4	3	20
Expansive soils	0	0	0	0	0	0	0	0	0	0
Flood	3	4	4	3	4	1	1	4	2	26
Fog	3	3	3	0	0	0	0	0	0	9
Hail Storm	3	3	3	1	0	0	0	3	0	13
Landslide	0	0	0	0	0	0	0	0	0	0
Lightning	1	1	3	3	3	3	1	2	3	20
Tornado	5	3	5	5	5	5	5	5	5	43
Wildfire	1	1	5	2	0	1	1	1	0	12
Windstorm	5	5	5	5	3	2	1	4	3	33
Winter Storm	5	3	3	4	3	3	1	1	2	25

Vulnerability to Specific Hazards

This section details vulnerability to specific hazards, where quantifiable, and where it differs from that of the overall County. The previous inventory tables quantify what is exposed to the various hazards within Town of Cottage Grove. Table 11 cross-references the hazards with the various tables where exposure or vulnerability specifics are found. The intent of Table 6 is to quantify, where possible, future impacts of each hazard on the jurisdiction. In many cases it is difficult to estimate potential losses, so the overall exposure of populations, structures, and critical facilities is referenced.

Table 11 Hazard Vulnerability Specifics

Hazard	Populations	Structures	Critical Facilities	Future Damage Potential
Dam Failure	None	None	None	Specifics unknown; See hazard profile in County Plan
Drought	Minimal	Minimal	Minimal	Specifics unknown; See hazard profile in County Plan
Flooding	See Tables 13-14 below	See Tables 13-14 below	See Tables 13-14 below	See Tables 13-14 below
Fog	None	None	None	Specifics unknown; See hazard profile in County Plan
Hailstorm	None	Minimal	Minimal	Specifics unknown; See hazard profile in County Plan
Landslide/ Sinkholes/ Erosion	None	None	None	Specifics unknown; See hazard profile in County Plan
Lightning	See Tables 4-7 Population	See Property Exposure table 8	See Critical Facility Inventory Table(s)	Specifics unknown; See hazard profile in County Plan
Severe Cold	See Tables 4-7 Population	See Property Exposure table 8	See Critical Facility Inventory Table(s)	Specifics unknown; See hazard profile in County Plan
Severe Heat	See Tables 4-7 Population	Moderate	See Critical Facility Inventory Table(s)	Specifics unknown; See hazard profile in County Plan
Winter Storm	See Tables 4-7 Population	See Property Exposure table 8	See Critical Facility Inventory Table(s)	Specifics unknown; See hazard profile in County Plan
Tornado	See Table 15 below	See Table 15 below	See Table 15 below	See Table 15 below
Wildfire	Minimal	Moderate	None	Specifics unknown; See hazard profile in County Plan
Windstorm	Moderate	See Property Exposure table 8	See Critical Facility Inventory Table(s)	Specifics unknown; See hazard profile in County Plan

Data Source: 2021 Town of Cottage Grove Data Collection Guide – Prepared by DCEM

Previous Hazard Events

Through the Data Collection Guide, the Town of Cottage Grove noted specific historic hazard events to include in the community profile. These events have been incorporated into the appropriate hazard chapters in the main mitigation plan. These events had a particular impact on the community beyond the impacts and events recorded in the Dane County Hazard Mitigation Plan. This is not a comprehensive summary of past incidents, as the hazard profiles collected in the main Mitigation Plan include other events that may have historically impacted the jurisdiction. The events noted by this jurisdiction in the Data Collection Guide include:

Town of Cottage Grove Historic Natural Hazards

Table 12 Town of Cottage Grove Historic Natural Hazards

Natural Hazard	Date	Impacted Structures	Comprehensive Harm to Jurisdiction	Other reported Losses (Fiscal reports, programs, etc)	Comments
Winter Storm	02/1-2/2011	N/A	Overtime work to clear roads.	N/A	\$ 11,183.40 [High likelihood of reoccurring]
Wind Storm	07/06/2021	Multiple Impacted Structures	Lots of trees down throughout the subdivision. Highway crew picked up tree debris placed by the road in that subdivision over the course of more than a week..	N/A	Mostly occurred in Ravenwood subdivision [High likelihood of reoccurring]

Data Source: 2021 Town of Cottage Grove Data Collection Guide

Flood Hazard

Structures and Properties in the Floodplain

Refer to the flood profile in the mitigation plan for a description of the methodology used to identify potentially flood-prone properties. Figure 1 shows mapped floodplains, future growth areas, and critical or vulnerable facilities. Tables 13 and 14 outline the primary structures on them within the Town of Cottage Grove, Dane County. Potential number of individuals at risk figures are based on primary residential structures and the average household size within Dane County (2.37 people as of 2021). Estimated loss potentials for all structures on the floodway can be found within section 4.6 in chapter 4 of the county plan.

Table 13 Primary Structures in the 100 Year Floodplain

Residential Structures in 100 yr. Floodway	Non-Residential Structures in 100 yr. Floodplain	Total Structures in 100 yr. Floodplain	Potential # of People at Risk in 100 yr. Floodplain	Total Assessed Values (\$) of Structures in 100 yr. Floodplain
5	0	5	12	\$1,259,037

Source: Analysis based on Dane County Land Information Office Data

Table 14 Primary Structures in the 500 Year Floodplain

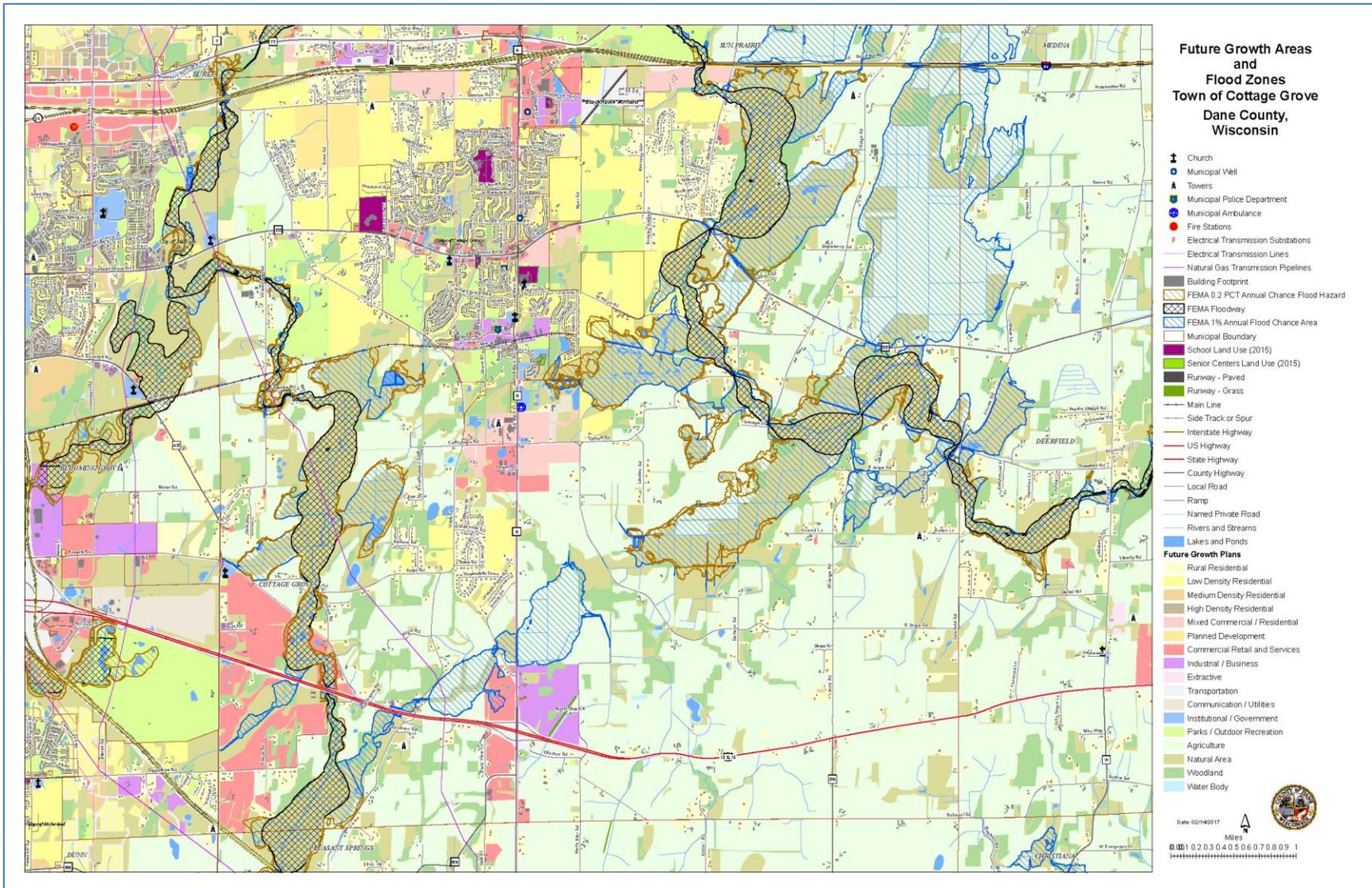
Residential Structures in 500 yr. Floodway	Non-Residential Structures in 500 yr. Floodplain	Total Structures in 500 yr. Floodplain	Potential # of People at Risk in 500 yr. Floodplain	Total Improved Values (\$) of Structures in 500 yr. Floodplain
5	1	6	12	\$465,066

Source: Analysis based on Dane County Land Information Office Data

Repetitive Loss Properties and Flood Insurance Policies

- One repetitive loss property has been reported in the Town of Cottage Grove, Dane County.
- The Town of Cottage Grove has 0 flood insurance policies in force within Dane County.

Figure 1 Flood Hazards and Future Land Use Map



Tornado

While it is difficult to estimate specific losses to a tornado due to the random nature of the event, a methodology was developed that was applied to each jurisdiction during the 2023 update. The table below estimates the percent area of the jurisdiction that could be impacted based on the average sized tornado (F2) in Dane County. High value exposure is based on 100% loss, medium 50% loss, and low is 25% loss to the property potentially impacted. The loss ratio, which is the ratio of the damaged building value to total exposed building value, is a measure of the impact to the jurisdiction as a whole. Communities with loss ratios 10% or more may have difficulty recovering from a disaster. Refer to the tornado hazard profile in the main mitigation plan for more details on this methodology.

Table 15 Tornado Loss Estimate

% Area impact	Improved Parcel Count	Affected Structure Estimate	Total Exposed Value (\$)	Estimated Loss \$ (High Damage Range)	Estimated Loss \$ (Moderate Damage Range)	Estimated Loss \$ (Low Damage Range)	Loss Ratio for Moderate Damage Range
2.62%	3,230	85	802,788,600	21,006,285	10,503,142	5,251,571	1%

Data Source: Analysis Based on Dane County Land Information Office’s data

Problems or Additional Vulnerability Issues

The Town of Cottage Grove’s Data Collection Guide issued in 2021 listed:

- **Average Depth of 100-Year Floodplain**
 - 866.1 feet
- **Hazard Concern (i.e. vulnerable populations):**
 - We do not have any elderly, disabled, or low income projects/properties in the Town, so there would be no large concentrations of these, however 47% of our population is over 50 years of age and 693 residents listed disabilities (as per the 2019 ACS), so efforts should be made to ensure they would all be able to utilize any assistance offered in the event of a disaster.
- **Growth Trends:**
 - Recent residential growth in the Town has mainly been in two new subdivision additions. Other than resulting in more people in concentrated areas, these should not create any additional vulnerability.
 - A new commercial area is developing on North Star Road. Provisions for emergency access are a part of the approval process for new businesses, and the Town should be aware of any hazardous materials stored or used there.
 - Growth in Sun Prairie has directed a large amount of water into the Koshkonong Creek, causing flooding along its banks. However, Most of the flooding is in farmland.

CAPABILITY ASSESSMENT

Capabilities are the programs and policies currently in use to reduce hazard impacts or that could be used to implement hazard mitigation activities. This capabilities assessment summarizes regulatory mitigation capabilities, administrative and technical mitigation capabilities, and fiscal mitigation capabilities for the Town of Cottage Grove.

Mitigation Capabilities Summary

Table 16 lists planning and land management tools typically used by local jurisdictions to implement hazard mitigation activities, or by themselves contribute to reducing hazard losses. The table also indicates which of these tools are currently utilized in the Town of Cottage Grove.

Table 16 Town of Cottage Grove Regulatory Mitigation Capabilities

Regulatory Tools (ordinances, codes, plans)	Yes/No	Comments
Existing Natural Hazard Mitigation Plan	Yes	Annex to Dane County Plan
General or Comprehensive plan	Yes	Comprehensive Plan
Zoning ordinance	No	Town is under Dane County zoning
Subdivision ordinance	Yes	TCG Ordinance Chapter 15
Growth management ordinance	No	N/A
Shoreland/ wetland zoning ordinance	No	Under Dane County's ordinance
Floodplain zoning ordinance	No	Under Dane County's ordinance
FEMA / NFIP Community Rating System	No	N/A
Other special purpose ordinance (stormwater, steep slope, wildfire)	Yes	Stormwater – Chapter 14 Illlicit Discharge Control
Building code	Yes	TCG Ordinance Chapter 12
Fire department ISO rating	5/10	5 within 5 miles of station, 10 elsewhere
Climate change Impact program	No	N/A
Erosion or sediment control program	No	County regulates erosion control
Stormwater management program	Yes	MS4 Permit
Site plan review requirements	Yes	TCG Ordinance Section 12.08
Capital improvements plan	No	N/A
Economic development plan	No	N/A
Local emergency operations plan	Yes	N/A
Other special plans	No	N/A
Flood insurance study or other engineering study for streams	No	N/A
Elevation certificates (for floodplain development)	Yes	With property records

Regulatory Tools (ordinances, codes, plans)	Yes/No	Comments
Climate Action Plan	No	We have an adopted climate resolution that has a task list.

Data Source: Town of Cottage Grove Data Collection Guide, 2021

Table 17 identifies the personnel responsible for mitigation and loss prevention activities as well as related data and systems in the Town of Cottage Grove.

Table 17 Responsible Personnel and Departments for the Town of Cottage Grove

Personnel Resources	Yes/No	Department/Position	Comments
Planner/engineer with knowledge of land development/land management practices	Yes	MD Roffers, Inc Contracted Planning Consultant	N/A
Engineer/professional trained in construction practices related to buildings and/or infrastructure	Yes	Nick Bubolz General Engineering Company Contracted Engineer	N/A
Planner/engineer/scientist with an understanding of natural hazards	No	N/A	N/A
Personnel skilled in GIS	No	N/A	N/A
Full time building official	No	Jim Trebian General Engineering Company Contracted Building Inspector	Part time
Personnel skilled in Climate resilience	No		N/A
Floodplain manager	No		N/A
Emergency manager	Yes	Mike Fonger Town Board Supervisor Director of Emergency Government	N/A
Real estate acquisition personnel	No	N/A	N/A
Grant writer	No	N/A	N/A
Other personnel	No	N/A	N/A
GIS Data Resources (Hazard areas, critical facilities, land use, building footprints, etc.)	Yes	Access Dane, and just implementing ESRI with our own layers	N/A
Warning Systems/Services (Reverse 9-11, cable override, outdoor warning signals)	Yes	County Reverse 911, outdoor signals in Village can be heard in parts of the Town	N/A

Data Source: Town of Cottage Grove Data Collection Guide 2021

Table 18 identifies financial tools or resources that the Town of Cottage Grove could potentially use to help fund mitigation activities.

Table 18 Financial Resources for the Town of Cottage Grove

Financial Resources	Accessible/Eligible to Use (Yes/No)
Community Development Block Grants	Yes
Capital improvements project funding	Yes
Authority to levy taxes for specific purposes	Yes
Dedicated funding for land, easement or conservation easement acquisition	No
Fees for water, stormwater, sewer, gas, or electric services	No
Impact fees for new development	Yes
Incur debt through general obligation bonds	Yes
Incur debt through special tax bonds	No
Incur debt through private activities	No
Withhold spending in hazard prone areas	No

Data Source: Town of Cottage Grove Data Collection Guide

Additional Capabilities

The Town of Cottage Grove identified the following as past or ongoing public education or information programs:

- Fire protection events offered by the Fire department, including visits to local schools or daycares.
- Fire, EMS and Emergency Government departments all have articles in the Town of Cottage Grove annual report and newsletter that is sent to all residents.
- Stormwater management presentations at the Annual Meeting several times.
- Stormwater Consultant, Charles Nahn of Nahn & Associates, works with the Monona Grove High School toward holding educational sessions on stormwater control.

National Flood Insurance Program Participation

The Town of Cottage Grove is not currently participating in the National Flood Insurance Program.

Public Involvement Activities

The Town of Cottage Grove provided a publically noticed listening session with the Town of Cottage Local Steering Committee on November 1, 2021. It was noticed on the Town website, Town Facebook Page, and Town Hall Bulletin Board. An agenda discussing the draft mitigation strategies was provided. No changes were made to the initial draft mitigation strategies.

Mitigation Actions

Mitigation Strategies

Below are the identified mitigation strategies developed by the Town of Cottage Grove’s NHMP steering committee. Mitigation is defined as a sustained action to reduce or eliminate risk to people and property from hazards and their effects. A *mitigation strategy* is a long-term vision for risk reduction in local jurisdictional or regional planning. A mitigation strategy can be achieved by a list of overall improvements to achieve (goals) that provide direction for community efforts to reduce potential losses identified in the risk assessment.

Strategy #1	Severe Heat and/or Cold
Prevention	Natural Resource Protection
Property Protection	Critical Facilities Protection
Public Education & Awareness	Structural Project
Purpose and desired outcomes are to make sure cooling or warming shelters are available to residents.	
Defined steps to achieving this mitigation strategy	
<ol style="list-style-type: none"> 1. Use Town Annual newsletter, email, web site, local and social media to educate town residents where centers would be/are located. First priority would be the Town Hall with a capacity of 150. Flynn Hall could take another 180 people. Town Garage could serve as an overflow heating center. Duration is expected to be short term. Water is available; need a supply of disposable drinking cups. Food may be needed if time becomes extended. <ol style="list-style-type: none"> a. <i>Responsible Party</i> – Emergency Government/Town Board/Town Staff b. <i>Funding source</i> – Town Budget c. <i>Completion date</i> – ongoing 	

Strategy #1	Severe Heat and/or Cold
<p>2. Consider upgrading/adding generators to handle HVAC.</p> <ul style="list-style-type: none">a. <i>Responsible Party</i> – Town Boardb. <i>Funding source</i> – Look for grant or use of ARPA fundsc. <i>Completion date</i> – End of 2022	

Strategy #2	Flooding	
Prevention	Natural Resource Protection	
Property Protection	Critical Facilities Protection	
Public Education & Awareness	Structural Project	
Assess critical waterways in the Township for flood mitigation. Provide sand bags and sand for use by property owners.		
Defined steps to achieving this mitigation strategy		
<p>1. Improvements to Koshkonong Creek are needed to allow water coming from Sun Prairie to flow through the Town without flooding. The Town has agreed to share the cost of a 3-year study by the University Alliance to determine what steps are needed to mitigate the flooding from the creek.</p> <ul style="list-style-type: none"> a. <i>Responsible Party</i> – Town Board/Friends of the Koshkonong Creek/UW Alliance b. <i>Funding source</i> – Town Budget c. <i>Completion date</i> – August 2024 		
<p>2. Perform improvements as recommended by UW Alliance Study.</p> <ul style="list-style-type: none"> d. <i>Responsible Party</i> – Town Board/Contractors e. <i>Funding source</i> – Town Budget, look for grant funding f. <i>Completion date</i> – Unknown until scope is determined by UW Alliance Study g. 		
<p>3. Improve Ridge Road in the area that frequently floods.</p> <ul style="list-style-type: none"> h. <i>Responsible Party</i> – Town Board i. <i>Funding source</i> – Town Budget, look for grant funding j. <i>Completion date</i> – End of 2022 		

Strategy #2	Flooding
	<p>4. Door Creek should be looked at to see if improvements could increase flow/reduce flooding in the western side of the Town.</p> <ul style="list-style-type: none"> a. <i>Responsible Party</i> – Contractor b. <i>Funding source</i> – Town Budget, look for grant funding c. <i>Completion date</i> – End of 2023
	<p>5. Verify enough sand bags and sand are on hand or readily accessible.</p> <ul style="list-style-type: none"> a. <i>Responsible Party</i> – Emergency Government b. <i>Funding source</i> – Town Budget or get from County c. <i>Completion date</i> – By Spring of 2022

Strategy #3	Tornado/Windstorm	
Prevention		Natural Resource Protection
Property Protection		Critical Facilities Protection
Public Education & Awareness		Structural Project
Overall purpose is to keep roads open so people can get the services they need and to provide shelter to those whose homes are uninhabitable.		
Defined steps to achieving this mitigation strategy		
<p>3. Assess/maintain trees over roadways that could cause damage or injury if they fall in a wind storm and communicate with utilities about any trees over utility lines.</p> <ul style="list-style-type: none"> a. <i>Responsible Party</i> – Town Highway Department b. <i>Funding source</i> – Town Budget c. <i>Completion date</i> – Ongoing 		
<p>4. Open a shelter for those whose homes are damaged. Use Town Annual newsletter, email, web site, local and social media to educate town residents where shelters would be/are located. First priority would be the Town Hall with a capacity of 150. Flynn Hall could take another 180 people. Town Garage could serve as an overflow for winter storms, but does not have adequate A/C to be a summer shelter. Duration is expected to be short term. Water is available: need a supply of disposable drinking cups. Food may be needed if time becomes extended.</p> <ul style="list-style-type: none"> k. <i>Responsible Party</i> – Emergency Government, Town Staff l. <i>Funding source</i> – Town Budget, possible FEMA reimbursement m. <i>Completion date</i> – Immediately after storm occurrence n. 		
<p>5. Emergency Government would be activated for response and recovery.</p> <ul style="list-style-type: none"> d. <i>Responsible Party</i> – Emergency Government e. <i>Funding source</i> – Town Budget/Possible FEMA reimbursement f. <i>Completion date</i> – Immediately after storm occurrence 		

Strategy #3	Tornado/Windstorm
<p>6. Debris removal to clear roads. Arrange for disposal options for debris from private properties, including maintaining relationships with contractors for debris disposal.</p> <ul style="list-style-type: none"> d. <i>Responsible Party</i> – Town Highway Department/Emergency Government/Contractors e. <i>Funding source</i> – Town Budget/Possible FEMA Reimbursement f. <i>Completion date</i> – Immediately after storm occurrence 	

Strategy #4	Winter Storm	
Prevention		Natural Resource Protection
Property Protection		Critical Facilities Protection
Public Education & Awareness		Structural Project
Overall purpose is to keep roads open so people can get the services they need. Offer shelter to those displaced from their homes.		
Defined steps to achieving this mitigation strategy		
<p>7. Install snow fence to minimize drifting, mow ditches so snow doesn't collect and maintain trees so they don't weight down and create hazards.</p> <ul style="list-style-type: none"> a. <i>Responsible Party</i> – Town Highway Department b. <i>Funding source</i> – Town Budget c. <i>Completion date</i> – Every fall 		
<p>8. Open a shelter for those whose homes are uninhabitable. Use Town Annual newsletter, email, web site, local and social media to educate town residents where shelters would be/are located. First priority would be the Town Hall capacity with a of 150. Flynn Hall could take another 180 people. Town Garage could serve as an overflow. Duration is expected to be short term. Water is available: need a supply of disposable drinking cups. Food may be needed if time becomes extended.</p> <ul style="list-style-type: none"> o. <i>Responsible Party</i> – Emergency Government, Town Staff p. <i>Funding source</i> –Town Budget, possible FEMA reimbursement q. <i>Completion date</i> – Immediately after storm occurrence r. 		
<p>9. Maintain list contractors to assist with snow removal.</p> <ul style="list-style-type: none"> g. <i>Responsible Party</i> – Highway Superintendent h. <i>Funding source</i> –Town Budget/Possible FEMA reimbursement i. <i>Completion date</i> – Ongoing 		