



# City Council

## Agenda Item

**Subject:** Presentation of the National Flood Insurance Program (NFIP) Community Rating System (CRS) Progress Report of the Codington County Pre-Disaster Mitigation Plan, and update on CRS Class Improvement to become effective in April 2023

**Meeting:** City Council - Jan 17 2023

**From:** Amanda Mack, City Manager

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### **BACKGROUND INFORMATION:**

The progress report is required to be shared with the City Council and outlines the community's progress on implementing actions from the effective 2017-2022 Codington County Pre-Disaster Mitigation Plan (PDMP). To receive credit for this activity toward the Community Rating System (CRS), the report shall be provided to our governing body and local media during annual recertification cycles. The PDMP is used to create action plans for mitigating risks to critical infrastructure from all natural disasters, the CRS is specifically focused on flood mitigation which is what this progress report focuses on.

We are currently in the process of updating the PDMP, working with First District Association of Local Governments, who sent the plan to the State at the beginning of December and forwarded to FEMA at the end of December 2022 for review and approval. We expect to hear back from FEMA by March of 2023 if the updated PDMP is approved and effective.

The City of Watertown recently completed a Verification Cycle Visit for the Community Rating System (CRS) which happens every 5-years of participation in the program. Watertown entered the CRS on May 1st, 2017 which at that time the criteria was met for a CRS Class 8 rating (Class 9 being the "lowest" rating) which qualifies for a ten percent discount on flood insurance premiums for most National Flood Insurance Program (NFIP) policies issued or renewed on or after May 1, 2017.

Following the 2022 Verification Cycle completion, Watertown has improved the CRS rating to become a Class 7 in the NFIP CRS program! The floodplain management activities implemented by our community qualify it for a 15 percent discount on flood insurance premiums for most NFIP policies issued or renewed on or after April 1, 2023. This savings is a tangible result of the flood mitigation activities our community implements to protect lives and reduce property damage. Please see the attached letter for further details.

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### **SUGGESTED MOTION:**

No Action Required

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### **STAFF REFERENCE(S):**

**ATTACHMENT(S):**

[Activity 510 Progress Report](#)

[CRS Verification Report](#)

## CRS Activity 510

### Progress Report on Implementation of Credited Plan

Name of Community: City of Watertown, SD

Date this Report was Prepared: January 10<sup>th</sup>, 2022

Name of Plan: Codington County Pre-Disaster Mitigation Plan 2017-2022

Date of Adoption of Plan: April 8<sup>th</sup>, 2018

*5 Year CRS Expiration Date: April 1<sup>st</sup>, 2028 (2021 Verification Cycle Visit effective April 1<sup>st</sup>, 2023)*

1. How can a copy of the original plan or area analysis report be obtained:

A copy of the Codington County Pre-Disaster Mitigation Plan (PDMP) 2017-2021 can be found on the City of Watertown's website using the following URL:

<https://www.watertownsd.us/DocumentCenter/View/966/Codington-County-Pre-Disaster-Mitigation-Plan?bidId=>

2. Describe how this evaluation report was prepared and how it was submitted to the governing body, released to the media, and made available to the public:

This evaluation report was prepared after the original and updated pre-disaster mitigation plans were reviewed by city staff. This evaluation report was placed on the City Council agenda for January 17<sup>th</sup>, 2023 where it was submitted to the governing body, released to the media, and made available to the public on the city website in the agenda center.

The City and County are currently working with 1<sup>st</sup> District Association of Local Governments on updating the Pre-Disaster Mitigation Plan. The updates to the risk assessment worksheet of hazard identifications were discussed with City Council at the June 6<sup>th</sup>, 2022 meeting.

3. Provide a description of the implementation of each recommendation or action item in the action plan or area analysis report, including a statement on how the project was implemented or not implemented during the previous year:

See updated action list on pending updated to the Codington County Pre-Disaster Mitigation Plan, attached as Exhibit A. City and County staff met on April 7<sup>th</sup>, 2022 to review and update identified critical infrastructure and plan for projects and actions to mitigate disasters.

## **City of Watertown Actions**

### **Flood Risk Management Feasibility Study**

- In August 2022, the City and United States Army Corp of Engineers entered into agreement to begin the Flood Risk Management General Investigation Study. This process is a 3 year process expected to cost around \$3 million with a 50/50 cost share.
- In October 2022, the City and USACE held a scoping charrette to grasp the general direction that this study is intended for. The City met with landowners and other potentially impacted by the previous studies that concluded in the Mahoney Creek Dry Dam to inform them that the study is beginning. The scoping phase last 3-4 months.
- On January 31<sup>st</sup>, 2023 a public information open house will be held to gather further public input and have the USACE explain the further extents and specifics of the project moving forward into the alternative formulation & analysis phase. This phase is 9-12 months.

### **3<sup>rd</sup> Avenue Bridge Replacement:**

- The City applied for and received a SDDOT BIG grant. Construction began in 2022 and will be complete in 2023.

### **Contour Mapping (i.e. LiDAR):**

- The City has LiDAR data available on the GIS that has been made available through FEMA's Risk MAP process. This data is not regulatory at this time but can be used as best available data and utilized strategically in developing accordingly in the identified areas of inundation.

### **Big Sioux River Drainage improvements:**

- As a part of flood relief efforts, the Street Department clears debris annually from various areas of the Big Sioux River
- In preparation for future flood events following 2019 flooding, the Engineering Department completed various flood preparation activities along the Big Sioux River, for example: staff gauges were set at bridges, cross sections from a private consultant were obtained for every bridge along the river, recorded elevations of existing berms along the river, etc.
- 3<sup>rd</sup> Avenue Bridge reconstructed in 2022
- Highway 20 bridge reconstructed in 2019

### **10<sup>th</sup> Avenue N urban systems:**

- The City completed the 10<sup>th</sup> Avenue N urban system project in 2021

4. Discuss why any objectives were not reached or why implementation is behind schedule:

There were not any objectives that were not reached. The City continues to work to identify and implement additional projects in correspondence with our action plan and budget.

5. What are the recommendations for new projects or revised recommendations?

- 1) Exploring other options than only the Mahoney Creek dry dam for mitigating flooding impacts on the City of Watertown through the feasibility study with the USACE.
- 3) A Storm Sewer Study will continue to be reviewed to create a priority list for future capital improvement requests.
- 4) The Engineering Division desires to prepare a comprehensive plan to identify potential regional storm ponds and wetland bank locations. A plan to enhance the pond and wetland areas along the Willow Creek Drive area is also a priority.

# EXHIBIT A

## City Council

### Agenda Item



**Subject:** Codington County Pre-Disaster Mitigation Plan Discussion  
**Meeting:** City Council - Jun 06 2022  
**From:** Heath VonEye, Public Works Director/City Engineer

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#### **BACKGROUND INFORMATION:**

Payton Carda, Planner with First District Association of Local Governments, met with staff April 7th, 2022 to and update the Codington County PDM Risk Assessment Worksheet- Hazard Identification. The updated document identifies critical infrastructure within the City of Watertown as well as projects and actions the City can take to mitigate disasters.

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#### **SUGGESTED MOTION:**

N/A - Discussion only

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#### **STAFF REFERENCE(S):**

Brandi Hanten

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#### **ATTACHMENT(S):**

[Watertown Critical Infrastructure Projects - Updated \(002\)](#)

**Codington County PDM  
Worksheet #1 (City of Watertown)  
Risk Assessment Worksheet – Hazard Identification**

**What is the probability of occurrence of the following hazards?**

| <b>Hazard</b>              | <b>High Probability<br/>to Occur</b><br>(At least once in a year) | <b>Low Probability<br/>to Occur</b><br>(Hazards that may have<br>occurred in the past or<br>could occur in the<br>future but do not occur<br>on a yearly basis) | <b>Unlikely<br/>to Occur</b><br>(Hazards or<br>disasters that have<br>never occurred in<br>the area before and<br>are unlikely to occur) |
|----------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Dam Failure                |                                                                   |                                                                                                                                                                 | <b>X</b>                                                                                                                                 |
| Drought                    |                                                                   | <b>X</b>                                                                                                                                                        |                                                                                                                                          |
| Earthquake                 |                                                                   |                                                                                                                                                                 | <b>X</b>                                                                                                                                 |
| Extreme Cold               | <b>X</b>                                                          |                                                                                                                                                                 |                                                                                                                                          |
| Extreme Heat               | <b>X</b>                                                          |                                                                                                                                                                 |                                                                                                                                          |
| Flood                      | <b>X</b>                                                          |                                                                                                                                                                 |                                                                                                                                          |
| Freezing<br>Rain/Sleet/Ice | <b>X</b>                                                          |                                                                                                                                                                 |                                                                                                                                          |
| Hail                       | <b>X</b>                                                          |                                                                                                                                                                 |                                                                                                                                          |
| Heavy Rain                 | <b>X</b>                                                          |                                                                                                                                                                 |                                                                                                                                          |
| Heavy Snow                 | <b>X</b>                                                          |                                                                                                                                                                 |                                                                                                                                          |
| Ice Jam                    | <b>X</b>                                                          |                                                                                                                                                                 |                                                                                                                                          |
| Landslide                  |                                                                   |                                                                                                                                                                 | <b>X</b>                                                                                                                                 |
| Lightning                  | <b>X</b>                                                          |                                                                                                                                                                 |                                                                                                                                          |
| Rapid Snow Melt            |                                                                   | <b>X</b>                                                                                                                                                        |                                                                                                                                          |
| Strong Winds               | <b>X</b>                                                          |                                                                                                                                                                 |                                                                                                                                          |
| Subsidence                 |                                                                   |                                                                                                                                                                 | <b>X</b>                                                                                                                                 |
| Thunderstorm               | <b>X</b>                                                          |                                                                                                                                                                 |                                                                                                                                          |
| Tornado                    |                                                                   | <b>X</b>                                                                                                                                                        |                                                                                                                                          |
| Urban Fire                 |                                                                   | <b>X</b>                                                                                                                                                        |                                                                                                                                          |
| Wildfire                   |                                                                   | <b>X</b>                                                                                                                                                        |                                                                                                                                          |
|                            |                                                                   |                                                                                                                                                                 |                                                                                                                                          |
|                            |                                                                   |                                                                                                                                                                 |                                                                                                                                          |

## Codington County PDM

### Worksheet #2 (City of Watertown) Risk Assessment Worksheet – Hazard Vulnerability

How vulnerable is the community from the following hazard? In other words, if the hazard occurs is there a potential to impact the community? If so, what would be impacted?

| <b>Hazard</b>           | <b>High Vulnerability</b><br>Significant risk/major damage potential (for example, destructive, damage to more than 10% of the jurisdiction and/or regular occurrence) | <b>Medium Vulnerability</b><br>Moderate damage potential (causing partial damage to 5-10% of the jurisdiction, and irregular occurrence) | <b>Low Vulnerability</b><br>Little damage potential (minor damage to less than 5% of the jurisdiction) | <b>NA</b><br>Not a hazard to the jurisdiction |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| Dam Failure             |                                                                                                                                                                        |                                                                                                                                          |                                                                                                        | <b>X</b>                                      |
| Drought                 |                                                                                                                                                                        | <b>X</b>                                                                                                                                 |                                                                                                        |                                               |
| Earthquake              |                                                                                                                                                                        |                                                                                                                                          |                                                                                                        | <b>X</b>                                      |
| Extreme Cold            | <b>X</b>                                                                                                                                                               |                                                                                                                                          |                                                                                                        |                                               |
| Extreme Heat            | <b>X</b>                                                                                                                                                               |                                                                                                                                          |                                                                                                        |                                               |
| Flood                   | <b>X</b>                                                                                                                                                               |                                                                                                                                          |                                                                                                        |                                               |
| Freezing Rain/Sleet/Ice | <b>X</b>                                                                                                                                                               |                                                                                                                                          |                                                                                                        |                                               |
| Hail                    | <b>X</b>                                                                                                                                                               |                                                                                                                                          |                                                                                                        |                                               |
| Heavy Rain              |                                                                                                                                                                        | <b>X</b>                                                                                                                                 |                                                                                                        |                                               |
| Heavy Snow              |                                                                                                                                                                        | <b>X</b>                                                                                                                                 |                                                                                                        |                                               |
| Ice Jam                 | <b>X</b>                                                                                                                                                               |                                                                                                                                          |                                                                                                        |                                               |
| Landslide               |                                                                                                                                                                        |                                                                                                                                          |                                                                                                        | <b>X</b>                                      |
| Lightning               |                                                                                                                                                                        | <b>X</b>                                                                                                                                 |                                                                                                        |                                               |
| Rapid Snow Melt         |                                                                                                                                                                        | <b>X</b>                                                                                                                                 |                                                                                                        |                                               |
| Strong Winds            | <b>X</b>                                                                                                                                                               |                                                                                                                                          |                                                                                                        |                                               |
| Subsidence              |                                                                                                                                                                        |                                                                                                                                          |                                                                                                        | <b>X</b>                                      |
| Thunderstorm            |                                                                                                                                                                        | <b>X</b>                                                                                                                                 |                                                                                                        |                                               |
| Tornado                 |                                                                                                                                                                        |                                                                                                                                          | <b>X</b>                                                                                               |                                               |
| Urban Fire              |                                                                                                                                                                        |                                                                                                                                          | <b>X</b>                                                                                               |                                               |
| Wildfire                |                                                                                                                                                                        |                                                                                                                                          | <b>X</b>                                                                                               |                                               |
|                         |                                                                                                                                                                        |                                                                                                                                          |                                                                                                        |                                               |
|                         |                                                                                                                                                                        |                                                                                                                                          |                                                                                                        |                                               |

## Critical Infrastructure within the City of Watertown

(Strikethrough was removed – highlighted & underlined was added)

| Jurisdiction/<br>Entity | Location          | Address                     | Sector              | Sub Sector                            | Name                                | Owner Type |
|-------------------------|-------------------|-----------------------------|---------------------|---------------------------------------|-------------------------------------|------------|
| Watertown               | City of Watertown | 222 9 <sup>th</sup> Ave SE  | Communications      | Telephone, Cable, & Internet Services | Mid-Continent                       | Private    |
| Watertown               | City of Watertown | 22 2 <sup>nd</sup> St SE    | Communications      | Telephone, Cable, & Internet Services | Knology                             | Private    |
| Watertown               | City of Watertown | 1511 9 <sup>th</sup> Ave SE | Communications      | Telephone, Cable, & Internet Services | Swiftel Communications              | Private    |
| Watertown               | City of Watertown | 200 E Kemp Ave              | Communications      | Telephone, Cable, & Internet Services | Lake Area Communications            | Private    |
| Watertown               | City of Watertown | 1018 6th ST                 | Communications      | Telephone, Cable, & Internet Services | RC Technologies                     | Private    |
| Watertown               | City of Watertown | 128 Maple St NE             | Government Facility | Building                              | Watertown Police Station            | Public     |
| Watertown               | City of Watertown | 14 1st Ave SE               | Government Facility | Building                              | Codington County Courthouse         | Public     |
| Watertown               | City of Watertown | 14 1 <sup>st</sup> Ave SE   | Government Facility | Building                              | Codington County Sheriff's Office   | Public     |
| Watertown               | City of Watertown | 129 1 <sup>st</sup> Ave NW  | Government Facility | Building                              | Watertown Fire Department           | Public     |
| Watertown               | City of Watertown | 500 Golf Course Road        | Government Facility | Building                              | Watertown Fire Department           | Public     |
| Watertown               | City of Watertown | 1201 10 <sup>th</sup> St NW | Government Facility | Emergency Fuel Facility               | Codington County Highway Department | Public     |
| Watertown               | City of Watertown | 730 Arrow Ave               | Government Facility | Emergency Fuel Facility               | Watertown Street Department         | Public     |
| Watertown               | City of Watertown | 119 S. Maple St             | Government Facility | Emergency Power Facility              | Watertown Detention Center          | Public     |
| Watertown               | City of Watertown | 125 S. Broadway St          | Government Facility | Emergency Shelter                     | Watertown City Auditorium           | Public     |
| Watertown               | City of Watertown | 1910 W. Kemp Ave            | Government Facility | Emergency Shelter                     | Codington County Extension Center   | Public     |
| Watertown               | City of Watertown | 200 9 <sup>th</sup> St NE   | Government Facility | Emergency Shelter                     | Watertown High School               | Public     |

| Jurisdiction/<br>Entity | Location             | Address                     | Sector                             | Sub Sector                      | Name                                                | Owner Type |
|-------------------------|----------------------|-----------------------------|------------------------------------|---------------------------------|-----------------------------------------------------|------------|
| Watertown               | City of<br>Watertown | 77 S Lake Dr                | Government<br>Facility             | Emergency<br>Shelter            | Stokes-Thomas<br>City Park, Lake<br>Kampeska        | Public     |
| Watertown               | City of<br>Watertown | 1200 N Lake Dr              | Government<br>Facility             | Emergency<br>Shelter            | Memorial Park,<br>Lake Kampeska                     | Public     |
| Watertown               | City of<br>Watertown |                             | Non-Emergency<br>Response Facility | Railroad                        | Burlington<br>Northern/Santé Fe                     | Private    |
| Watertown               | City of<br>Watertown | 1000 Golf Course<br>Rd      | Non-Emergency<br>Response Facility | Water Supply –<br>Pump House    | Derby Downs<br>Booster Station                      | Public     |
| Watertown               | City of<br>Watertown | 605 2 <sup>nd</sup> St NW   | Non-Emergency<br>Response Facility | Water Supply –<br>Pump House    | Mellette School<br>Booster Station                  | Public     |
| Watertown               | City of<br>Watertown | 300 14 <sup>th</sup> St SE  | Non-Emergency<br>Response Facility | Water Supply –<br>Pump House    | Larson Booster<br>Station Substation<br>Area        | Public     |
| Watertown               | City of<br>Watertown | 405 14th Ave NW             | Non-Emergency<br>Response Facility | Water Supply -<br>Storage Tanks | 14th Ave NW<br>Water Tower                          | Public     |
| Watertown               | City of<br>Watertown | 302 14th St SE              | Non-Emergency<br>Response Facility | Water Supply -<br>Storage Tanks | 14th St SE Larson<br>Water Tower                    | Public     |
| Watertown               | City of<br>Watertown | 1028 18th St NE             | Non-Emergency<br>Response Facility | Water Supply –<br>Storage Tanks | 19 <sup>th</sup> St NE Water<br>Tower               | Public     |
| Watertown               | City of<br>Watertown | 16769 SD HWY<br>20          | Non-Emergency<br>Response Facility | Water Supply –<br>Storage Tanks | North Lake Drive<br>Tower                           | Public     |
| Watertown               | City of<br>Watertown | 955 S. Lake Dr.             | Non-Emergency<br>Response Facility | Water Supply –<br>Storage Tanks | South Lake Drive<br>Water Tower                     | Public     |
| Watertown               | City of<br>Watertown | 1415 6 <sup>th</sup> Ave NW | Non-Emergency<br>Response Facility | Water Supply –<br>Wells         | Water Treatment<br>Plant                            | Public     |
| Watertown               | City of<br>Watertown | 119 S Maple St              | Non-Emergency<br>Response Facility | Government<br>Facility          | Detention Center                                    | Public     |
| Watertown               | City of<br>Watertown | 311 1 <sup>st</sup> Ave NE  | Non-Emergency<br>Response Facility | Electrical<br>Supply            | Uptown Substation                                   | Public     |
| Watertown               | City of<br>Watertown | Fish Road SW                | Non-Emergency<br>Response Facility | Electrical<br>Supply            | Pelican Substation                                  | Public     |
| Watertown               | City of<br>Watertown | 300 14 <sup>th</sup> St SE  | Non-Emergency<br>Response Facility | Electrical<br>Supply            | East Substation                                     | Public     |
| Watertown               | City of<br>Watertown | 3225 9 <sup>th</sup> Ave SW | Non-Emergency<br>Response Facility | Electrical<br>Supply            | West Substation                                     | Public     |
| Watertown               | City of<br>Watertown | 901 4 <sup>th</sup> Ave SW  | Non-Emergency<br>Response Facility | Electrical<br>Supply            | Watertown<br>Municipal Utilities<br>(Main Location) | Public     |
| Watertown               | City of<br>Watertown | Loop around<br>Watertown    | Non-Emergency<br>Response Facility | Electrical<br>Supply            | Transmission Line<br>and Fiber Ring                 | Public     |
| Watertown               | City of<br>Watertown | 701 20 <sup>th</sup> Ave SW | Non-Emergency<br>Response Facility | Natural Gas<br>Supply           | Peak Shaving<br>Plant                               | Public     |

| Jurisdiction/<br>Entity | Location               | Address                                        | Sector                          | Sub Sector                        | Name                             | Owner Type |
|-------------------------|------------------------|------------------------------------------------|---------------------------------|-----------------------------------|----------------------------------|------------|
| Watertown               | City of Watertown      | 702- 704 20 <sup>th</sup> Ave SW               | Non-Emergency Response Facility | Natural Gas Supply                | NNG - TBS                        | Public     |
| Watertown               | Rural Codington County |                                                | Non-Emergency Response Facility | Water Supply – Transmission Lines | Rauville Well Transmission Lines | Public     |
| Watertown               | Rural Codington County | 45453 165th St                                 | Non-Emergency Response Facility | Water Supply – Wells              | Rauville Wells                   | Public     |
| Watertown               | City of Watertown      | 1300 11st SE                                   | Non-Emergency Response Facility | Sanitary Sewer Supply             | Wastewater Facility              | Public     |
| Watertown               | City of Watertown      | 600 Block, 4th Ave SW                          | Transportation                  | Bridge on Evacuation Route        | 4th Ave SW                       | Public     |
| Watertown               | City of Watertown      | 300 Block 9th Ave SW and 2200 Block 9th Ave SE | Transportation                  | Bridge on Evacuation Route        | US Hwy 212                       | Public     |
| Watertown               | City of Watertown      | 100 Block First Ave NE                         | Transportation                  | Bridge on Evacuation Route        | 1st Ave NE                       | Public     |
| Watertown               | City of Watertown      | 1100 Block 20th Ave SE                         | Transportation                  | Bridge on Evacuation Route        | 20th Ave SE                      | Public     |
| Watertown               | City of Watertown      | 800 Block, 14th Avenue NW                      | Transportation                  | Bridges on Evacuation Route       | 14th Ave NW                      | Public     |
| Watertown               | City of Watertown      | 2300 Block First Ave NE                        | Transportation                  | Bridges on Evacuation Route       | Willow Creek Dr                  | Public     |
| Watertown               | City of Watertown      | 600 Block, 10th Avenue NW                      | Transportation                  | Bridges on Evacuation Route       | 10th Ave NW                      | Public     |
| Watertown               | City of Watertown      | 600 Block, 3rd Avenue NW                       | Transportation                  | Bridges on Evacuation Route       | 3rd Ave NW                       | Public     |
| Watertown               | City of Watertown      | 601 Block, Kemp Ave West                       | Transportation                  | Bridges on Evacuation Route       | Kemp Ave W                       | Public     |
| Watertown               | City of Watertown      | 400 20 <sup>th</sup> Ave SW                    | Transportation                  | Culverts on Evacuation Route      | 20 <sup>th</sup> Ave SW          | Public     |
| Watertown               | City of Watertown      |                                                | Transportation                  | Evacuation Route                  | Highway 212                      | Public     |
| Watertown               | City of Watertown      |                                                | Transportation                  | Evacuation Route                  | Interstate 29                    | Public     |
| Watertown               | City of Watertown      |                                                | Transportation                  | Evacuation Route                  | Highway 81                       | Public     |
| Watertown               | City of Watertown      |                                                | Transportation                  | Evacuation Route                  | Highway 20                       | Public     |

| Jurisdiction/<br>Entity | Location          | Address                   | Sector                 | Sub Sector            | Name                           | Owner Type |
|-------------------------|-------------------|---------------------------|------------------------|-----------------------|--------------------------------|------------|
| Watertown               | City of Watertown | 5 12th Street SW          | Non-Emergency Response | Population to Protect | McKinley Elementary            | Public     |
| Watertown               | City of Watertown | 619 2nd Street W          | Non-Emergency Response | Population to Protect | Mellette Elementary            | Public     |
| Watertown               | City of Watertown | 1701 N Maple              | Non-Emergency Response | Population to Protect | Jefferson Elementary           | Public     |
| Watertown               | City of Watertown | 1100 13th Street NE       | Non-Emergency Response | Population to Protect | Lincoln Elementary             | Public     |
| Watertown               | City of Watertown | 412 2nd Street SE         | Non-Emergency Response | Population to Protect | Roosevelt Elementary           | Public     |
| Watertown               | City of Watertown | 216 10th Street SE        | Non-Emergency Response | Population to Protect | Garfield School                | Public     |
| Watertown               | City of Watertown | 1000 3rd Avenue NE        | Non-Emergency Response | Population to Protect | Boys and Girls Club            | Private    |
| Watertown               | City of Watertown | 1700 11th Street NE       | Non-Emergency Response | Population to Protect | Watertown Middle School        | Public     |
| Watertown               | City of Watertown | 601 11th Street NE        | Non-Emergency Response | Population to Protect | Watertown Intermediate School  | Public     |
| Watertown               | City of Watertown | 200 9th Street NE         | Non-Emergency Response | Population to Protect | Watertown High School          | Public     |
| Watertown               | City of Watertown | 109 3rd Street SE         | Non-Emergency Response | Population to Protect | Immaculate Conception School   | Private    |
| Watertown               | City of Watertown | 15 12th Avenue NE         | Non-Emergency Response | Population to Protect | Watertown Christian School     | Private    |
| Watertown               | City of Watertown | 1200 Luther Ln NE         | Non-Emergency Response | Population to Protect | Great Plains Lutheran School   | Private    |
| Watertown               | City of Watertown | 120 2 <sup>nd</sup> St NE | Non-Emergency Response | Population to Protect | Saint Martin's Lutheran School | Private    |
| Watertown               | City of Watertown | 1201 Arrow Ave NE         | Non-Emergency Response | Population to Protect | Lake Area Technical College    | Public     |
| Watertown               | City of Watertown | 1712 17th Street SE       | Non-Emergency Response | Population to Protect | Anza Soccer Field              | Public     |
| Watertown               | City of Watertown | 112 21st Street NW        | Non-Emergency Response | Population to Protect | Koch Complex                   | Public     |
| Watertown               | City of Watertown | 1801 3rd Avenue NW        | Non-Emergency Response | Population to Protect | Foundation Fields              | Public     |
| Watertown               | City of Watertown | 1701 17th Street SE       | Non-Emergency Response | Population to Protect | Premier Softball Complex       | Public     |
| Watertown               | City of Watertown | 112 21st Street NW        | Non-Emergency Response | Population to Protect | Watertown Skate Park           | Public     |
| Watertown               | City of Watertown | 2 16th Street W           | Non-Emergency Response | Population to Protect | Watertown Stadium              | Public     |

| Jurisdiction/<br>Entity | Location                     | Address                                                                            | Sector                                     | Sub Sector                            | Name                                    | Owner Type         |
|-------------------------|------------------------------|------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------------|-----------------------------------------|--------------------|
| Watertown               | City of Watertown            | 1515 15th Street NE                                                                | Non-Emergency Response                     | Population to Protect                 | Prairie Lakes Wellness Center           | Public             |
| Watertown               | City Watertown               | 415 4th Ave NE                                                                     | Non-Emergency Response                     | Population to Protect                 | Avantara Senior Housing                 | Private            |
| Watertown               | City Watertown               | 225 S Maple                                                                        | Non-Emergency Response                     | Population to Protect                 | Cedar View Assisted Living              | Private            |
| Watertown               | City Watertown               | 26 1 <sup>st</sup> Ave SW                                                          | Non-Emergency Response                     | Population to Protect                 | Generations Senior Center               | Private            |
| Watertown               | City Watertown               | 215 S Maple & 220 S Maple                                                          | Non-Emergency Response                     | Population to Protect                 | Jenkins Living Center                   | Private            |
| Watertown               | City Watertown               | 500 16th Ave NE                                                                    | Non-Emergency Response                     | Population to Protect                 | Stoneybrook Suites                      | Private            |
| Watertown               | City Watertown               | 424 9th St SE                                                                      | Non-Emergency Response                     | Population to Protect                 | Prairie Crossing                        | Private            |
| Watertown               | City Watertown               | 420 9th St SE                                                                      | Non-Emergency Response                     | Population to Protect                 | Edgewood Vista                          | Private            |
| Watertown               | City Watertown               | 901 14th AVE NE                                                                    | Non-Emergency Response                     | Population to Protect                 | The Commons                             | Private            |
| Watertown               | City Watertown               | 17444 Meadow Lake                                                                  | Non-Emergency Response                     | Population to Protect                 | Meadow Lake Acres                       | Private            |
| Watertown               | City of Watertown            | 901 4th St NE                                                                      | Medical                                    | Population to Protect                 | Prairie Lakes Hospital                  | Private            |
| Watertown               | City of Watertown            | 506 1 <sup>st</sup> Ave SE                                                         | Medical                                    | Population to Protect                 | Brown Clinic                            | Private            |
| Watertown               | City of Watertown            | 511 14 <sup>th</sup> Ave NE                                                        | Medical                                    | Population to Protect                 | Northridge Clinic                       | Private            |
| Watertown               | City of Watertown            | 12 19 <sup>th</sup> St NE                                                          | Medical                                    | Population to Protect                 | Veterans Clinic                         | Private            |
| <del>Watertown</del>    | <del>City of Watertown</del> | <del>Intersection of 26<sup>th</sup> Avenue NE and 19<sup>th</sup> Street NE</del> | <del>Non-Emergency Response Facility</del> | <del>Natural Gas Supply</del>         | <del>Gas Regulating Station</del>       | <del>Public</del>  |
| <del>Watertown</del>    | <del>City of Watertown</del> | <del>900 Block Broadway St South</del>                                             | <del>Transportation</del>                  | <del>Bridge on Evacuation Route</del> | <del>Broadway St</del>                  | <del>Public</del>  |
| <del>Watertown</del>    | <del>City Watertown</del>    | <del>215 9th Ave SE</del>                                                          | <del>Non-Emergency Response</del>          | <del>Population to Protect</del>      | <del>Tri-State Nursing</del>            | <del>Private</del> |
| <del>Watertown</del>    | <del>City Watertown</del>    | <del>111 6th Ave NE</del>                                                          | <del>Non-Emergency Response</del>          | <del>Population to Protect</del>      | <del>Jenkins Living Center</del>        | <del>Private</del> |
| <del>Watertown</del>    | <del>City Watertown</del>    | <del>220 S Maple</del>                                                             | <del>Non-Emergency Response</del>          | <del>Population to Protect</del>      | <del>Jenkins Town View Apartments</del> | <del>Private</del> |

| Jurisdiction/<br>Entity | Location                              | Address                                                   | Sector                             | Sub Sector              | Name                            | Owner Type |
|-------------------------|---------------------------------------|-----------------------------------------------------------|------------------------------------|-------------------------|---------------------------------|------------|
| Watertown               | City of<br>Watertown                  | 1227 3 <sup>rd</sup> Ave NW                               | Non-Emergency<br>Response Facility | Water Supply –<br>Well  | Town Well #10                   | Public     |
| Watertown               | City of<br>Watertown                  | 411 13 <sup>th</sup> St NW                                | Non-Emergency<br>Response Facility | Water Supply –<br>Well  | Town Well #3A                   | Public     |
| Watertown               | City of<br>Watertown                  | 1415 6 <sup>th</sup> Ave NW                               | Non-Emergency<br>Response Facility | Water Supply –<br>Well  | Town Wells                      | Public     |
| Watertown               | City of<br>Watertown                  | 123 4 <sup>th</sup> St NE                                 | Non-Emergency<br>Response Facility | Electrical<br>Supply    | Generation Power<br>Plant       | Private    |
| Watertown               | City of<br>Watertown                  | 1330 41 <sup>st</sup> SE                                  | Non-Emergency<br>Response Facility | Electrical<br>Supply    | WAPA Electrical<br>Substation   | Federal    |
| Watertown               | City of<br>Watertown                  | 2707 15 <sup>th</sup> Ave SE                              | Non-Emergency<br>Response Facility | Electrical<br>Supply    | 15 <sup>th</sup> Ave Substation | Public     |
| Watertown               | Rural Hamlin &<br>Codington<br>County | Southwest of<br>Watertown<br>(45371 178 <sup>th</sup> St) | Non-Emergency<br>Response Facility | Natural Gas<br>Supply   | NBPL Tap                        | Public     |
| Watertown               | City of<br>Watertown                  | 2707 15 <sup>th</sup> Ave SE                              | Non-Emergency<br>Response Facility | Natural Gas<br>Supply   | Walmart TBS                     | Public     |
| Watertown               | Rural Codington<br>County             | 3000 38 <sup>th</sup> Ave NW                              | Non-Emergency<br>Response Facility | Water Supply –<br>Wells | Sioux Conifer Wells             | Public     |

# CITY OF WATERTOWN

## HAZARD VULNERABILITY / CRITICAL INFRASTRUCTURE

**Legend**

**Critical Infrastructure**

- Bridge on Evacuation Route
- Cell Tower
- City Hall
- Courthouse
- Educational Institution
- Emergency Operations Center
- Emergency Shelter
- Fire Department
- Fuel Storage
- Law Enforcement
- Natural Gas Supply
- Population to Protect
- Sanitary Sewer Services
- Utility
- Water Services (wells, pump houses, tanks, etc.)
- Pipeline

**Roads**

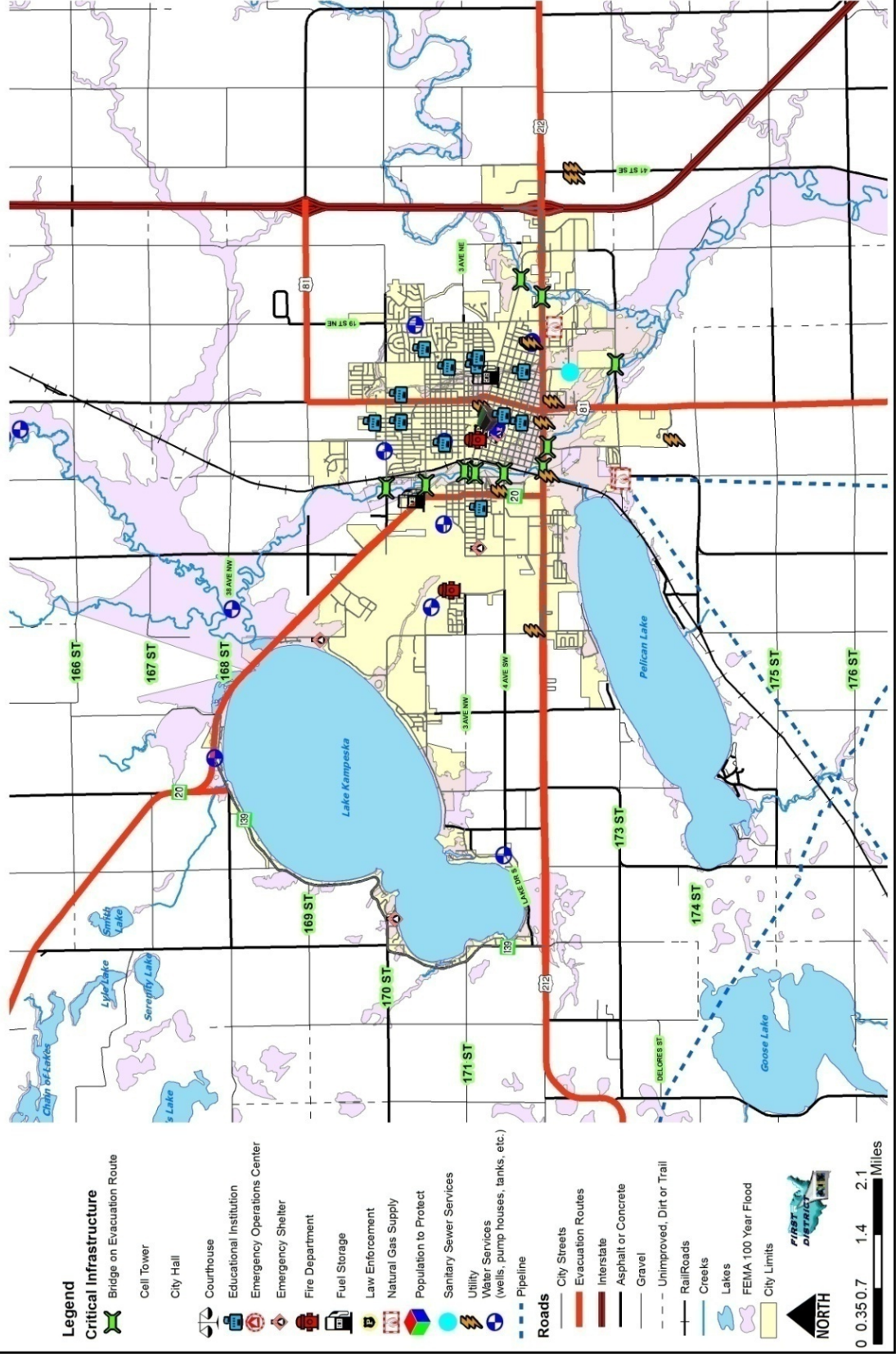
- City Streets
- Evacuation Routes
- Interstate
- Asphalt or Concrete
- Gravel
- Unimproved, Dirt or Trail
- Railroads
- Creeks
- Lakes
- FEMA 100 Year Flood
- City Limits

**Scale**

0 0.350.7 1.4 2.1 Miles

**North Arrow**

**First District**



| WATERTOWN<br>PROBLEM<br>STATEMENTS                                                           | WATERTOWN ACTIONS                                                                                                 | RATING | TIMEFRAME | CONTACT                       | COST         | FUNDING<br>SOURCE | HAZARD   | GOAL                                                                            |
|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|--------|-----------|-------------------------------|--------------|-------------------|----------|---------------------------------------------------------------------------------|
| Flooding impacts have become more severe along lakes, creeks, and streams.                   | Construct dam on Big Sioux Fiver south of Mahoney Creek tributary.                                                | High   | Long      | City Engineer                 | \$40,000,000 | USACE             | Flooding | Protect Specific Areas of Codington County from Flooding.                       |
| Portions of storm sewer system is not designed to 100-year flood event.                      | Replace or upgrade storm sewer on 11th St East.                                                                   | High   | Medium    | City Engineer                 | \$1,200,000  | DOT/HMGP          | Flooding | Protect Specific Areas of Codington County from Flooding.                       |
| Capacity of rivers, streams, and retention areas is decreased due to accumulation of debris. | Implement drainage improvements, such as bank stabilization, detention areas, and clean out plans for Roby Creek. | Medium | Medium    | City Engineer                 | \$500,000    | DENR/HMGP         | Flooding | Protect Specific Areas of Codington County from Flooding.                       |
| Many roads and bridges were built prior to identification of flood hazard areas.             | Replace bridge on 3rd Avenue.                                                                                     | High   | Medium    | City Engineer                 | \$500,000    | DOT               | Flooding | Protect Specific Areas of Codington County from Flooding.                       |
| Some utility structures are located in areas vulnerable to flooding.                         | Storm sewer isolation structures need general improvements/berming.                                               | High   | Medium    | Watertown Municipal Utilities | \$500,000    | HMGP              | Flooding | Reduce the extent to which utility mishaps affect areas during flooding events. |

| WATERTOWN<br>PROBLEM<br>STATEMENTS                                                      | WATERTOWN ACTIONS                                                                                               | RATING | TIMEFRAME | CONTACT                       | COST                             | FUNDING<br>SOURCE  | HAZARD                                   | GOAL                                                                            |
|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------|-----------|-------------------------------|----------------------------------|--------------------|------------------------------------------|---------------------------------------------------------------------------------|
| Some utility structures are located in areas vulnerable to flooding.                    | Construct berms to floodproof lift stations around Lake Kampeska (5 locations at Sandy Shores & Memorial Park). | High   | Medium    | Watertown Municipal Utilities | \$250,000                        | HMGP               | Flooding                                 | Reduce the extent to which utility mishaps affect areas during flooding events. |
| Portions of storm sewer system is not designed to 100-year flood event.                 | Improve drainage on Jensen Avenue.                                                                              | Medium | Medium    | City Engineer                 | \$800,000                        | Local/DOT/<br>HMGP | Flooding                                 | Protect Specific Areas of Codington County from Flooding.                       |
| Certain areas and populations are not served by storm shelters.                         | Construct a Tornado Shelter near the City's mobile home parks.                                                  | High   | Medium    | Fire Department               | \$50,000                         | HMGP               | Severe Weather Hazards (Summer & Winter) | Improve public safety during severe weather.                                    |
| Structures constructed in the floodplain prior to identification of flood hazard areas. | Mitigation of repetitive loss residences through elevation, buyout, or relocation.                              | Low    | Long      | City Engineer                 | \$2,250,000 (\$30,000 per site). | HMGP               | Flooding                                 | Reduce the extent to which utility mishaps affect areas during flooding events. |
| Critical facilities are vulnerable to power failure.                                    | Portable Generator for lift stations (3).                                                                       | Low    | Medium    | Wastewater Superintendent     | \$200,000                        | HMGP/OEM           | Severe Weather Hazards (Summer & Winter) | Reduce the extent to which utility mishaps affect areas during flooding events. |

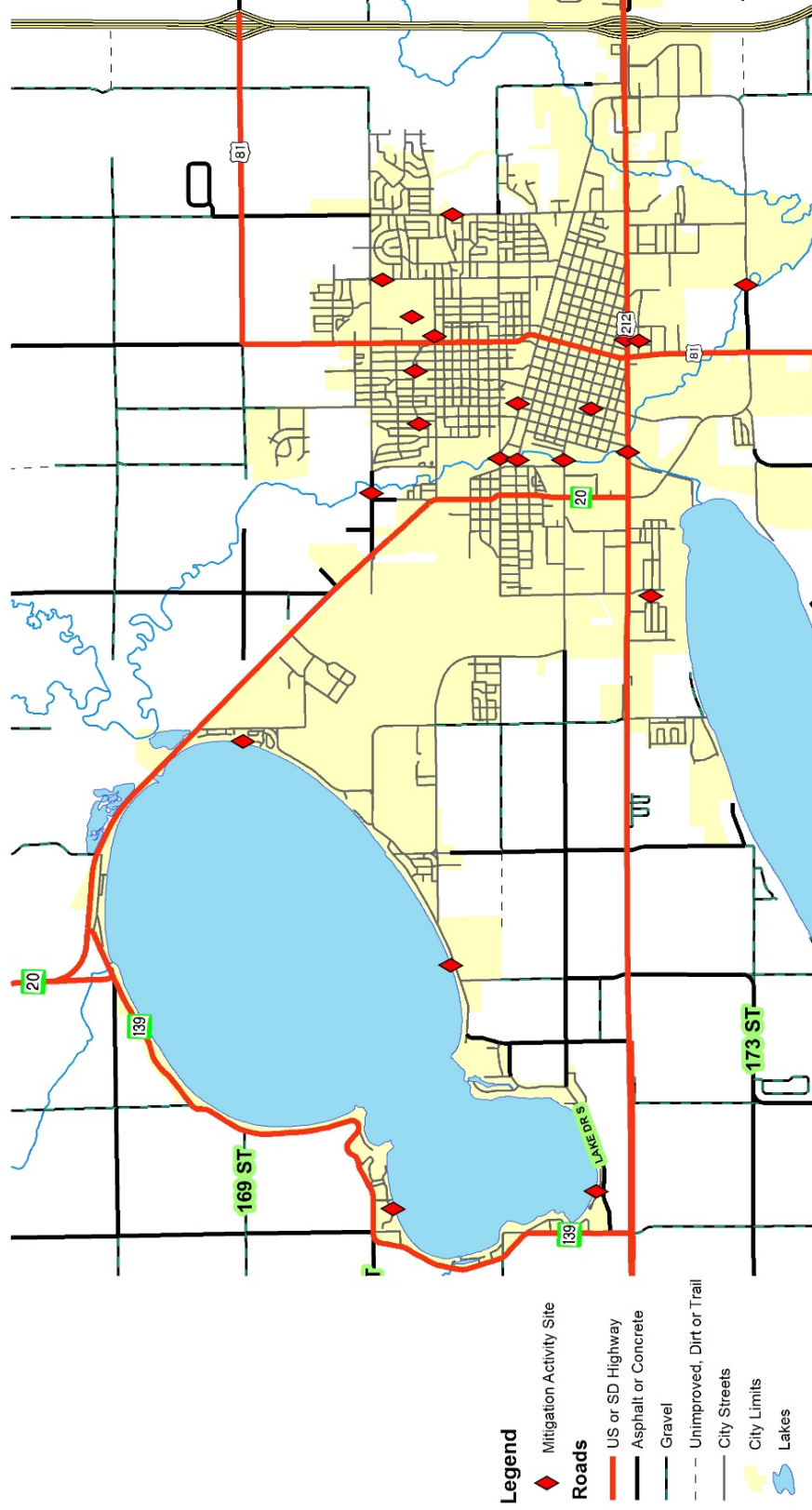
| WATERTOWN<br>PROBLEM<br>STATEMENTS                                                       | WATERTOWN ACTIONS                                                                                                     | RATING | TIMEFRAME | CONTACT                   | COST        | FUNDING<br>SOURCE       | HAZARD                                   | GOAL                                                                            |
|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|--------|-----------|---------------------------|-------------|-------------------------|------------------------------------------|---------------------------------------------------------------------------------|
| Certain streets have substandard or no curb and gutter.                                  | Install curb and gutter, culverts, and other road improvements on 1 mile of 31 <sup>st</sup> St NE (collector route). | High   | Short     | City Engineer             | \$1,000,000 | County/<br>Township/DOT | Flooding                                 | Protect Specific Areas of Codington County from Flooding.                       |
| Critical facilities are vulnerable to power failure.                                     | Portable Generator for lift stations (3).                                                                             | Low    | Medium    | Wastewater Superintendent | \$200,000   | HMGP/OEM                | Severe Weather Hazards (Summer & Winter) | Reduce the extent to which utility mishaps affect areas during flooding events. |
| Portions of storm sewer system is not designed to 100-year flood event.                  | Improve drainage south at approximate 7 <sup>th</sup> Street location.                                                | Medium | Medium    | City Engineer             | \$500,000   | CITY/HMGP               | Flooding                                 | Protect Specific Areas of Codington County from Flooding.                       |
| Drainage patterns have changed; existing systems are inadequate for conveyance of water. | Improve Highland Park drainage from intersection of Karen St and 4 <sup>th</sup> Street SW to Highland Park.          | Medium | Short     | City Engineer             | \$500,000   | CITY/HMGP               | Flooding                                 | Protect Specific Areas of Codington County from Flooding.                       |
| Drainage patterns have changed; existing systems are inadequate for conveyance of water. | Implement drainage improvements around Nelson Park area, especially on South Broadway.                                | Medium | Medium    | City Engineer             | \$800,000   | CITY/HMGP               | Flooding                                 | Protect Specific Areas of Codington County from Flooding.                       |

| WATERTOWN<br>PROBLEM<br>STATEMENTS                                                  | WATERTOWN ACTIONS                                                                                              | RATING | TIMEFRAME | CONTACT         | COST        | FUNDING<br>SOURCE      | HAZARD                                   | GOAL                                                                                      |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|--------|-----------|-----------------|-------------|------------------------|------------------------------------------|-------------------------------------------------------------------------------------------|
| Critical facilities are vulnerable to power failure.                                | Upgrade back-up generator for uptown fire station.                                                             | Medium | Short     | Fire Department | \$50,000    | HMGP/OEM               | Severe Weather Hazards (Summer & Winter) | Reduce the extent to which utility mishaps affect areas during severe weather situations. |
| Certain areas of town cannot hear storm sirens and other emergency warning systems. | Construct additional weather sirens at 800 33 <sup>rd</sup> St SE and 400 20 <sup>th</sup> Ave SW.             | Medium | Medium    | Fire Department | \$100,000   | HMGP/OEM               | Severe Weather Hazards (Summer & Winter) | Improve public safety during severe weather.                                              |
| Fire protection capabilities are limited.                                           | Construct new fire station at 2300 3 <sup>rd</sup> Ave NE & 22 <sup>nd</sup> St.                               | High   | Long      | Fire Department | \$2,000,000 | City/Fire/HMGP         | Fire & Drought                           | Increase firefighting capabilities.                                                       |
| Fire protection capabilities are limited.                                           | Implement street improvements by new fire station, increase water mainline size, & other utility improvements. | High   | Long      | Fire Department | \$1,000,000 | City/HMGP/Fire/DOT/OEM | Fire & Drought                           | Increase firefighting capabilities.                                                       |

|                                                                                              |                                                                                                                                                                     |        |        |                               |                                    |      |          |                                                                                 |
|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|-------------------------------|------------------------------------|------|----------|---------------------------------------------------------------------------------|
| Capacity of rivers, streams, and retention areas is decreased due to accumulation of debris. | Big Sioux drainage improvements (box culverts on Kemp, cleanout of RR Tressel on Willow Creek, 20 <sup>th</sup> Ave South Bridge (Bridge was rebuild)               | Medium | Medium | Wastewater Superintendent     | \$1,000,000.00                     | HMGP | Flooding | Protect Specific Areas of Codington County from Flooding.                       |
| Some utility structures are located in areas vulnerable to flooding.                         | Raise lift stations (Sandy Shores, City Park and Memorial Park @ \$20,000/site).<br>(raised up in '97)                                                              | High   | Medium | Wastewater Superintendent     | \$60,000.00                        | HMGP | Flooding | Reduce the extent to which utility mishaps affect areas during flooding events. |
| Some utility structures are located in areas vulnerable to flooding.                         | Raise vent pipes on gas meters above BFE approximately 500 around Lake Kampeska. (Several meters were raised/relocated. No longer a concern b/c would be shut off.) | High   | Medium | Watertown Municipal Utilities | \$150,000.00<br>(\$300/occurrence) | HMGP | Flooding | Reduce the extent to which utility mishaps affect areas during flooding events  |
| Certain streets have substandard or no curb and gutter.                                      | 19th Street Drainage improvement, curb). (Done)                                                                                                                     | Low    | Medium | City Engineer                 | \$930,000.00                       | DOT  | Flooding | Protect Specific Areas of Codington County from Flooding.                       |

|                                                                |                                                                                  |      |        |                 |                |      |                                          |                                                            |
|----------------------------------------------------------------|----------------------------------------------------------------------------------|------|--------|-----------------|----------------|------|------------------------------------------|------------------------------------------------------------|
| Certain streets have substandard or no curb and gutter.        | 10th Avenue N urban systems.<br>(No longer a concern)                            | Low  | Medium | City Engineer   | \$1,425,000.00 | DOT  | Flooding                                 | Protect Specific Areas of Codrington County from Flooding. |
| Certain streets have substandard or no curb and gutter.        | 14th Avenue N Drainage and curb. — where creek crosses.<br>(No longer a concern) | Low  | Long   | City Engineer   | \$1,320,000.00 | DOT  | Flooding                                 | Protect Specific Areas of Codrington County from Flooding. |
| Storm sirens and other emergency warning systems are outdated. | Replacement of all weather sirens.<br>(Done)                                     | High | Short  | Fire Department | \$325,000      | HMGP | Severe Weather Hazards (Summer & Winter) | Improve public safety during severe weather.               |

# CITY OF WATERTOWN MITIGATION ACTIVITY SITES



0.0 0.25 0.45 0.9 1.35 Miles



September 13, 2022

Ms. Amanda Mack  
Watertown City Manager  
23 Second Street Northeast  
Watertown, South Dakota 57201

Dear Ms. Mack:

The purpose of this letter is to provide you with the results of the National Flood Insurance Program (NFIP) Community Rating System (CRS) field verification findings based on your 5-year cycle verification. The field verification report is enclosed for your records.

Congratulations! The Department of Homeland Security, Federal Emergency Management Agency (FEMA), has determined that the City of Watertown will increase to a Class 7 in the NFIP CRS. The floodplain management activities implemented by your community qualify it for a 15 percent discount on flood insurance premiums for most NFIP policies issued or renewed on or after April 1, 2023. This savings is a tangible result of the flood mitigation activities your community implements to protect lives and reduce property damage.

The CRS rating for your community will automatically be renewed annually as long as there are no NFIP noncompliance actions, so a notification letter will not be sent every year. This annual renewal will take place as long as your community continues to implement the CRS activities you certify in your annual recertification documentation. If no additional modifications or new CRS activities are added, the next verification visit for your community will be in accordance with its established 5-year cycle. In the interim, FEMA will periodically send the *NFIP/CRS Update* newsletter and other notices to your CRS Coordinator to keep your community informed.

I commend you on your community actions and your determination to lead your community to be more disaster resistant. This commitment enhances public safety, property protection, and protects the natural functions of floodplains, and reduces flood insurance premiums.

If you have any questions or need additional information, please contact the FEMA Region VIII Office, CRS Coordinator Marijo Brady at (303) 235-4835.

Sincerely,

A handwritten signature in black ink, which appears to read "William H. Lesser". The signature is written in a cursive, slightly stylized font.

William H. Lesser, CRS Coordinator  
Federal Insurance and Mitigation Administration

Enclosure

cc: Ms. Brandi Hanten, CRS Coordinator



COMMUNITY  
RATING  
SYSTEM

VERIFICATION  
REPORT

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**City of Watertown, SD**

**Verified Class 7**

NFIP Number: 460016

Cycle-Phone Verification

Date of Verification Visit: October 25, 2021

This Verification Report is provided to explain the recommendations of Insurance Services Office, Inc. (ISO) to DHS/FEMA concerning credits under the Community Rating System (CRS) for the above named community.

A total of 1501 credit points are verified which results in a recommendation that the community improve from a CRS Class 8 to a CRS Class 7. The community has met all Class 7 prerequisites. The following is a summary of our findings with the total CRS credit points for each activity listed in parenthesis:

**Activity 310 – Construction Certificate Management:** Credit is provided for having written construction certificate management procedures for all new and substantially improved/substantially damaged buildings. (38 points)

**Activity 330 – Outreach Projects:** Credit is provided for informational outreach projects, general outreach projects, and targeted outreach projects. These projects are disseminated annually. (85 points)

**Activity 340 – Hazard Disclosure:** Credit is provided for state and community regulations requiring disclosure of flood hazards. (15 points)

**Activity 350 – Flood Protection Information:** Documents relating to floodplain management are available in the reference section of the Watertown Regional Library. Credit is also provided for floodplain information displayed on the community's website. (36 points)

**Activity 420 – Open Space Preservation:** Credit is provided for preserving approximately 33 percent of the Special Flood Hazard Area (SFHA) as open space. Credit is also provided for regulations that minimize development in the SFHA. (725 points)

**Activity 430 – Higher Regulatory Standards:** Credit is provided for enforcing regulations that require development limitations, freeboard for new construction and substantial improvement, and elevation of new and replacement homes in existing manufactured home parks. Credit is also provided for the enforcement of building codes, a Building Code Effectiveness Grading Schedule (BCEGS®) Classification, and regulations administration. (153 points)

**Activity 440 – Flood Data Maintenance:** Credit is provided for maintaining and using additional map data in the day-to-day management of the floodplain. Credit is also provided for establishing and maintaining a system of benchmarks. (160 points)

**Activity 450 – Stormwater Management:** The community enforces regulations for soil and erosion control and water quality. (33 points)

**Section 502 – Repetitive Loss Category:** Based on the updates made to the NFIP Report of Repetitive Losses as of May 1<sup>st</sup> 2018, the City of Watertown, SD has 23 repetitive loss properties and is a Category B community for CRS purposes. All requirements for a Category B community have been met. (No credit points are applicable to this section)

**Activity 510 – Floodplain Management Planning:** Credit is provided for the Codington County Pre-Disaster Mitigation Plan, adopted on February 20, 2018. A progress report must be submitted on an annual basis. (256 points)

**Activity 710 – County Growth Adjustment:** All credit in the 400 series is multiplied by the growth rate of the county to account for growth pressures. The growth rate for Codington County, SD is 1.09.

Attached is the Community Calculations Worksheet that lists the verified credit points for the Community Rating System.

**CEO Name / Address:**

Amanda Mack  
City Manager  
23 2<sup>nd</sup> Street Northeast  
Watertown, South Dakota 57201

**CRS Coordinator Name / Address:**

Brandi Hanten  
Urban Planner  
23 2<sup>nd</sup> Street Northeast  
Watertown, South Dakota 57201  
(605) 723-3528

Date Report Prepared: March 21, 2022

Community : City of Watertown, SD

NFIP Number : 460016

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**720 COMMUNITY CREDIT CALCULATIONS (Cycle-Phone Verification):**

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**CALCULATION SECTION :**

| Verified Activity Calculations: |     |       |        | Credit |
|---------------------------------|-----|-------|--------|--------|
| c310                            | 38  |       |        | 38     |
| c320                            |     |       |        |        |
| c330                            | 85  |       |        | 85     |
| c340                            | 15  |       |        | 15     |
| c350                            | 36  |       |        | 36     |
| c360                            |     |       |        |        |
| c370                            |     |       |        |        |
| c410                            |     | x CGA | =      |        |
| c420                            | 665 | x CGA | 1.09 = | 725    |
| c430                            | 140 | x CGA | 1.09 = | 153    |
| c440                            | 147 | x CGA | 1.09 = | 160    |
| c450                            | 30  | x CGA | 1.09 = | 33     |
| c510                            | 256 |       |        | 256    |
| c520                            |     |       |        |        |
| c530                            |     |       |        |        |
| c540                            |     |       |        |        |
| c610                            |     |       |        |        |
| c620                            |     |       |        |        |
| c630                            |     |       |        |        |

**Community Classification Calculation:**

|                                              |           |
|----------------------------------------------|-----------|
| cT = total of above                          | cT = 1501 |
| Community Classification (from Table 110-1): | Class = 7 |

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**CEO Name/Address:**

Amanda Mack  
City Manager  
23 2nd Street Northeast  
Watertown, South Dakota 57201

**CRS Coordinator Name/Address:**

Brandi Hanten  
Urban Planner  
23 2nd Street Northeast  
Watertown, South Dakota 57201  
(605) 723-3528

Date Report Prepared: March 21, 2022