

Town of Coeymans

This section presents the jurisdictional annex for the Town of Coeymans for the 2024 Albany County Hazard Mitigation Plan (HMP). It includes information and guidance intended to assist public and private entities in reducing losses from future natural hazard events. This jurisdictional annex focuses on actions that can be implemented prior to a natural hazard event to reduce adverse impacts to people and property; it is not intended to serve as guidance for what to do when a natural hazard event occurs or how to recover following a natural hazard event. This jurisdictional annex provides an overview of the community and its critical facilities, evaluates the community's vulnerability to various natural hazards, assesses the community's existing capability to mitigate natural hazards, and identifies actions that could be implemented to mitigate natural hazard risks and, ultimately, reduce damages to people and property resulting from natural hazard events.

DRAFT

1 CONTACT INFORMATION

The primary contacts for Albany County regarding this Jurisdictional Annex are identified as follows:

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Town of Coeymans Website: <https://coeymans.org>

2 COMMUNITY SNAPSHOT

2.1 Demographics

The 2020 Census estimated that 7,256 people live in the Town of Coeymans. Town of Coeymans' population has decreased by 4.4% since the 2010 Census (7,596). The median age in the Town of Coeymans is 41.6 years, and 15.7% of the population is over the age of 65. The median household income in the Town of Coeymans is \$67,253.

2.2 Location & Land Characteristics

The Town of Coeymans is located in the southeastern corner of Albany County, directly south of the Towns of New Scotland and Bethlehem. The Town of Coeymans covers approximately 53.1 square miles. The properties within the Town of Coeymans have a total assessed value of approximately \$563,330,307, which is distributed across a variety of property classes.

Major transportation corridors in the Town of Coeymans include I-787, which runs through the Town, connecting it to the City of Albany. U.S. Route 9W, and State Routes, 32, 143, 144, and 396 also run through the City. Key water features within the Town of Coeymans include the Hudson River and the Alcove Reservoir.

2.3 Governing Body

A town supervisor and four board members govern the Town of Coeymans.

2.4 Recent and Anticipated Future Development

According to a review of 239 Referrals since the last County HMP (2018), several new developments have been approved or proposed within the Town. The proposals that the Town received are summarized in Table 2-1 below. Some of the proposals for the Town may be located in the 0.1% or 0.2% annual chance flood event area, but this was not specified in the proposal. Additionally, building permits that have been issued for the Town between 2018 to 2022 are summarized in Table 2-2 below, based on data from the Capital District Regional Planning Commission (CDRPC). These developments may affect the Town's vulnerability to the hazards identified in this HMP.

Table 2-1. Developments from 2018 to 2023

Project Name	Project Location	Consideration	Date
Keystone Fireworks Sales	2369 Route 9W	Site plan review and request for an operating permit to place a tent for the sale of legal fireworks. The sale will be from June 27th to July 5, 2018.	4/19/2018
Quenzer Two Lot Subdivision	215 Cedar Grove Rd., Selkirk	Lot line adjustment for the reconfiguration of two parcels.	5/14/2018
Stanton Variance	130 Biers Rd.	28 ft. side lot variance request for placement of a 48'x36' garage, which does not comply with the 30' sideline setback in the RA district. The variance is requested due to topographic restrictions.	6/21/2018
Palange 3 Lot Subdivision	508 Biers Rd.	Subdivide a 156.82-acre property into 3 lots. Lot #1 will be 1.89 acres; Lot #2 will be 1 acre and reconfigured to meet zoning setbacks; and Lot #3 will include the remaining 153.93 acres.	7/19/2018
Proper 2 Lot Subdivision	Jacob Ln./ Pine Ridge Rd.	Lot line adjustment between two parcels owned by the applicant. Lot #1 will be 4.8 acres and Lot #2 will be 145.4 acres.	7/19/2018
WM Biers, Inc.	West side of River Rd./Rt. 144, next to Port of Coeymans	Special use permit for placement of recycled concrete aggregate (RCA) material to flatten existing slopes and allow for material processing and laydown areas for landscaping materials. Disturbance activities will be limited to the northern half (+/-40 acres) of the existing +/-70 acre site.	8/16/2018
Lumens Holding 3, LLC Solar Array	1304 Route 143	Site plan review for installation of a 2-megawatt photovoltaic solar energy system. A variance is requested for 45% lot coverage, where 15% is permitted.	12/20/2018
Local Law 1 of 2019 Clean Air		The Town Board of the Town of Coeymans is desirous to adopt Local Law 1 of 2019 to be known as the Clean Air Law	2/25/2019
New Yanni's Restaurant		Plans to build a new 12,600 s.f. restaurant. A variance to reduce the number of parking spots from the calculated 126 spots to 75 spots.	2/25/2019

Project Name	Project Location	Consideration	Date
Montaneli 3 Lot Subdivision		3 Lot Minor Subdivision Lot 1 6.5 acres, Lot 2 3.7 acres, Lot 3 4/51 acres	2/25/2019
Palmer 2 Lot Subdivision	505/511 CR 111	Subdivision Review-2 Lot Subdivision, Lot #1 - 2.58 acres, Lot #2 - 3.45 acres to separate two dwelling units on two individual lots.	3/21/2019
2185 River Road Variance	2185 River Road	Proposal to change the occupancy form a two-family to a three-family.	4/18/2019
Mendiito Variance	12 Carr Road	Placement of a carport closer to the front setback than allowed by zoning.	4/18/2019
Biers Site Plan	2029 River Road	Filling and Grading to establish two pads for a warehouse	4/18/2019
Biers Site Plan	2029 River Road	Filling and Grading to establish four pads for a warehouse	5/13/2019
78 Main Variance	78 Main Street	Conversion of a two-family into a three-family.	7/18/2019
Local Law No. 1 of 2020 of Coeymans	N/A	A local law to abolish the planning board and transfer its functions to the zoning bard of appeals, which it to be known as the "Planning Board / Zoning Board of Appeals" and to increase it membership to 7 members.	2/25/2020
Local Law No. 2 of 2020 Coeymans	N/A	A local law to authorize the establishment of escrow accounts to be funded by applicants before the Planning/Zoning Board of Appeals for professional services to review land use applications.	2/25/2020
Morse 2-Lot Subdivision	Starr and Thompkins Road	A two lot subdivision. Resulting parcels will be 2 acres and 94.8 acres.	4/16/2020
Local Law #3 of 2020	0	Adoption of a Local Law to implement a 6 month moratorium of applications relating to solar energy land uses.	4/16/2020
Liotta Berm	1616 River Road	Placement of a soil / mulch mixture to build a 15' high, and 20' wide, and 220' long berm along the north property line.	5/21/2020
Mahoney Subdivision	Copeland Hill Road at Bucks Ranch Rd.	A 5 lot subdivision review. Lot 1: 2 acres. Lot 2: 2.7 acres. Lot 3: 3.37 acres. Lot 4: 6 acres. Lot 5: 79.96 acres.	5/21/2020

Project Name	Project Location	Consideration	Date
Proper Subdivision	Jacob Lane & Joanna Drive	The subdivision of a parcel in half , and merge each half to an adjacent parcel.	5/21/2020
WM Biers Site Plan / Coeymans Industrial Park	2029 River Rd	Site plan review that includes an area for material processing and laydown, multiple warehouses, office building, and a transfer station	6/18/2020
Local Law No. 4 Solar Energy Coeymans	n/a	A local law regulating the installation of Solar Energy Projects within the Town of Coeymans	6/18/2020
Amendment to Town of Coeymans' Zoning Code Chapter 165	n/a	Amendment to the Town Code Chapter 165, Zoning Code, Section 165-3 "Definitions" .	7/16/2020
Palange Minor Subdivision	508 Biers Road	Three lot subdivision resulting in a 7.6 acre lot, an 11.6 acre lot, and an 135 acre lot.	7/16/2020
WM Biers Site Plan / Coeymans Industrial Park	2029 River Rd	Site plan review that includes an area for material processing and laydown, multiple warehouses, office building, and a transfer station	7/16/2020
Flach 2 - Lot Subdivision	408 CR 101	Subdivision review to enable lot line alterations.	8/20/2020
Town of Coeymans Chicken Law	Coeyman Hamlet	Adoption/Amendment of local law prohibiting the keeping of farm animals and limiting the keeping of poultry to four hens.	9/17/2020
Woodridge USA Properties 2-Lot Subdivide	1737 River Road (NY 144)	A two lot subdivision and area variance that will result in a 1.03 acre lot and a .34 acre lot	10/15/2020
Tryon 2-Lot Subdivide	779 Blodgett Hill Rd	Subdividing a 149.8 acre parcel into a 2.51 acre lot and a 147.29 acre lot	10/15/2020
Behuniak Two-Lot Subdivision	102 Krueger Road	A lot subdivision into two parcels, one of which will be conveyed to the adjacent property	10/15/2020
Coeymans Local Law Amendment to Chapter 80	N/A	Amending various sections of Chapter 80 of Town local law to regulate hazardous and medical waste.	11/19/2020

Project Name	Project Location	Consideration	Date
Town of Coeymans Comprehensive Plan Amendment	Town of Coeymans, NY	The Town of Coeymans is amending its 2006 Comprehensive Plan with targeted updates. The Comprehensive Plan Amendment will provide direction for long-range planning for the growth of the community while protecting and enhancing its resources.	1/21/2021
RMN Properties, LLC Site Plan	2477 US 9W & 2483 US 9W	A two-lot subdivision to improve a lot for development, lot #1 to be 0.84 acres and lot #2 to be 0.47 acres. Area variance for side lot to accommodate an existing residence on lot #2.	1/21/2021
RMN Properties, LLC Site Plan	2477 US 9W	Site plan review to construct a two-story Retail/Office building (4893 sqft) on 0.84 acres	1/21/2021
Flach 3-lot subdivision	197 Tompkins Road	Subdivision review to divide land parcel:155.-1-7.31 and 155.-1-7.32 into three lots.	3/18/2021
Minor two-Lot Subdivision	3 Stone House Hill Road	Subdivision review of 2.71 acres of land into two lots: Lot#1 to be +/- 1.63 acres and Lot#2 to be +/- 1.08 acres	3/18/2021
Coeymans Recycling Center, LLC Office Building	50-194 Coeymans Industrial park Lane	Site plan review for construction of a three-story (43,452 sq.ft) office building in the Coeymans Industrial Park.	3/18/2021
Local Law #1 of 2021 - Six Months Zoning Moratorium	Town of Coeymans	For a period of six months from the effective date of the local law, there shall be a moratorium upon any Town action that would result in any change or alteration to the official zoning map of the Town of Coeymans in effect as of the date of this local law.	3/18/2021
Albany County Water Board Site Plan	156 CR 11	Site plan review for the construction of an office building and maintenance garage with future additional buildings for equipment storage.	3/18/2021
Three-lot Minor Subdivision	50-194 Coeymans Industrial Park Lane	Subdivision review to divide 88 acres into three lots: lot#1 to be 8.4+/- acres, lot#2 to be 32+/- acres, and lot#3 to be 47.75+/- acres.	4/15/2021
O'Brien Two Lot Subdivision	Alcove Road & Ringwald road	Subdivision review to divide 18 acres parcel by Alcove and Ringwald Roads. Lot #1 to be 8.67 acres and lot #2 to be 9.33 acres.	5/20/2021

Project Name	Project Location	Consideration	Date
Coeymans Comprehensive Plan	Town of Coeymans	Amendment of comprehensive plan for the Town of Coeymans comprehensive plan with updates.	5/27/2021
Coeymans Recycling Center, LLC - Curaleaf	167 Coeymans Industrial Park Lane	Site plan review to connect Building C-3 with Building C-4 with an addition. The expansion will be used for more growing space for Curaleaf's medical marijuana business. A subdivision is proposed to remove the common lot line.	5/27/2021
Coeymans Recycling Center, LLC - Commercial Warehouse	1642 River Road	Site plan review for the placement of a +/-44,000 SF warehouse on a parcel between the NYS thruway and CSX railway.	5/27/2021
Coeymans Recycling Center, LLC - Two Lot Subdivision	167 Coeymans Industrial Park Lane	Subdivision review to divide 8.2 acre parcel into two lots. Lot #1 to be 3.4 acres and Lot #2 to be 4.8 acres. This subdivision will allow for the expansion of Building C-4.	5/27/2021
Pilhofer Area Variance	1018 Starr Road	Area variance requesting a 28' rear lot variance to build a deck on the rear of the house.	7/15/2021
Therrien Area Variance	125 Old Alcove Road	Area variance requesting a 15' slide lot variance to place a storage shed.	7/15/2021
Palmer Use Variance	11 Second Street	Use variance to convert a first floor garage space into a bagel shop.	7/15/2021
Stranton Legacy Farms, LLC - Two-Lot Subdivision	508 Biers Road	Subdivision review to subdivide 135.4 acre parcel into two (2) lots. Lot #1 to be 49.1 acres and Lot #2 to be 86.3 acres.	8/19/2021
Entrott Area Variance	1638-1642 US 9W	Area variance to meet the lot width requirements. The proposed lots will be 90' in width where 100' is required in the C-1P zoning district.	8/19/2021
Appleby Area Variance	272 Starr Road	Area variance to build an addition of 22' on the side of the house where minimum 30' is required.	10/21/2021
Entrott 2-Lot Subdivision	1638-1642 US 9W	Subdivision review for subdividing a 2.5 acre parcel into two equal lots of 1.25 acres each. Each parcel has an existing home with individual wells, septic systems and driveways.	10/21/2021

Project Name	Project Location	Consideration	Date
Stanton Legacy Farms LLC 3-Lot Subdivision	Biers Road	Three-lot subdivision of 135.4 acres of land. Lot#1 to be 49.7 acres, Lot#2 to be 85.3 acres and Lot# 1A to be 1 acres and merged with Lot#1.	10/21/2021
Northern Traffic Consultants Area Variance	23 Pratt Lane	Area Variance for a 20' front line setback to place a garage on the parcel where 40' setback is required.	10/21/2021
CRC Use Variance	14 Dock Street	Use variance to allow a multi-family residence in the R-2 zone with seven (7) unit apartments where only two family is allowed.	12/16/2021
Holcim Two-Lot Subdivision	Spoor Drive and Nolan Road Ext.	Two-lot subdivision to divide the parcel into two lots. Lot#1 to be 12.7 acres and Lot #2 to be the remaining 3203 acres.	12/16/2021
O'Brien Subdivision	17 Ringwald Road	Subdivision review to subdivide the parcel into two (2). Lot A to be 3.09 acres and Lot B to be 6.24 acres.	2/17/2022
Magic Forest Farm Music Venue	138 Bucks Ranch Road	Special use permit for music camping festival consisting of 300 - 1500 people depending on event and ticket sales.	4/22/2022
La Costa Subdivision	1604 River Road	Subdivision review to divide the parcel into two; Lot 1 is to be 21.97 acres and Lot 2 to be 14.86 acres.	4/22/2022
Pond (Town of Coeymans)	3 Beck Road	Special use permit to build 0.25 acres pond in the rear of the house.	6/16/2022
Magic Forest Farm	138 Bucks Ranch Road	Special use permit to allow temporary campground for August 5th, 2022 to August 8th, 2022 with no more than 300 campers.	6/16/2022
Tryon Subdivision	779 Blodgett Hill Road	Subdivision of the parcel into two lots. Lot 1 is to be 103.34 acres and Lot 2 to be 84.06 acres.	7/21/2022
Bridge Street Subdivision	880 Bridge Street	Subdivision of 131.70 acres into Lot 1 with 71.11 acres and Lot 2 with 60.59 acres.	7/21/2022
Callanan Road Improvements Company	121 Jarvis Road and 123 Cr 101	Three lot subdivision where Lot 1 is to be 5.15 acres, Lot 2 is to be 38.38 acres and Lot 3 to be 212.97 acres.	8/18/2022

Project Name	Project Location	Consideration	Date
Vadney Subdivision and Area Variance	1627 US Rte 9W	Subdivision review to subdivide existing parcel into two lots. Lot 1 is to be 22.65 acres and Lot 2 is to be 2.08 acres. An area variance is required for the relief of 49' for the existing driveway.	10/20/2022
Area Variance - Wayne Flach	38 Fares Road	Area variance for the front yard setback to be 35' instead of the required 40'.	12/15/2022
Local Law to Enact Moratorium	Town of Coeymans	A three-month moratorium to temporarily halt the processing and issuing of any applications, permits, certificates of occupancy, approvals, denials, determinations or interpretations for any land use relating to the storage of liquefied petroleum gases.	12/15/2022
Amendment of Town Code Chapter 165	Town of Coeymans	Amendment of Town Code Chapter 165-3 entitled "Definitions" to include new definitions for (1) Trucking Terminal and (2) Fuel Storage Terminal and amendment of Chapter 165, Attachment 5 entitled "Schedule of District Zoning Regulations" to regulate said land uses.	1/19/2023
Propane Fuel Storage Terminal	Route 9W & CR 101	Site plan review and special use permit for the proposed propane fuel storage terminal with two 30,000 gallon tanks in a fenced area.	2/16/2023
Finke Enterprises, LLC	1596 US-9W Selkirk	Site plan review for the construction of 20,000 SF industrial office building. This site will also accommodate provisions for four additional buildings.	4/20/2023
Holly A. Luck Subdivision	543 Blodgett Hill Road	Subdivision review to merge the proposed Lot 1 with 0.23 acres with Mertz deed and Lot 2 with remaining 8.07 acres to remain with Holly Luck.	6/15/2023
Joseph Ortiz - Cold Storage	1907 Rte 9W	Area variance for the proposed detached 30x40 cold storage building.	6/15/2023
Local Law Amendment - Town of Coeymans	Town of Coeymans	Town of Coeymans proposes to amend Town Code Chapter 165 Zoning, Section 165-6, 165-10(D) and 165-R(1).	6/15/2023
Keith Flach - Lot Line Adjustment	197 Tompkins Road	Lot line adjustment for three lots on County Route 106.	9/21/2023

Project Name	Project Location	Consideration	Date
Leonard Pilhofer Lot Line Adjustment	44 North Lane	Lot line adjustment of the property line between the lands of Schmitt and Pilhofer.	10/19/2023
TeRiele Subdivision	35 Cedar Grove Road	Two lot subdivision of the parcel into Lot A with 2.05 acres and Lot B with 4.22 acres.	11/16/2023
Carver Area Variance	1916 US 9W	Area variance requesting relief of 41' setback whereas 9' is proposed.	12/21/2023
VanApeldoorn Subdivision	482 Blodgett Road	Two lot subdivision of the parcel into Lot 1 with 19.4 acres and Lot 2 with 38.8 acres.	12/21/2023
GE/LM Wind Project	87 Bronk Road & 1916 US 9W	Site plan review for the construction of 80 acre campus and manufacturing facility to support wind turbine blade manufacturing.	12/21/2023

Table 2-2. Building Permit Issuance (2018 to 2022)

Year	Building Type	Units
2018	1	4
2019	1	5
2020	1	5
2021	1	3
2022	1	8
Total:		25

Data Source: Capital District Regional Planning Commission (<https://cdrpc.org/data/housing>)

3 CAPABILITIES ASSESSMENT

3.1 Planning Mechanisms and Capabilities

The Town of Coeymans identified the following planning mechanisms and capabilities that can support the Town in hazard mitigation efforts. These capabilities can be used to support the mitigation strategy in several ways. For example, administrative capabilities can assist in implementing the mitigation actions as identified in the mitigation strategy. Existing building codes and land use regulations provide a foundation for mitigation planning and provide guidelines for infrastructure repair, new developments, and other actions. Educational programs may be developed further in order to more fully incorporate hazard mitigation. Table 3-1 elaborates on existing building codes, land use and development ordinances/regulations, and many other capabilities which can support hazard mitigation.

Table 3-1. Planning Mechanisms & Capabilities

Planning Mechanism	In Place? (Yes/No)	Notes (Does the plan address hazards? Can the capability be used to implement mitigation actions? When was it last updated?)
Administration		
Maintenance Programs	Yes	Continual maintenance by Highway Dept.
Mitigation Planning Committee	No	
Mutual Aid or Shared Services Agreements	Yes	Emergency Management Committee – between Town, Village, Fire Dept. and Rescue Squad Employees. Shared services with Albany County and the NYS DOT.
Planning Board	Yes	
Zoning Board	Yes	
Other		
Development Approvals		

		Notes
Planning Mechanism	In Place? (Yes/No)	(Does the plan address hazards? Can the capability be used to implement mitigation actions? When was it last updated?)
Building Code	Yes	2020 NYS Building Code
Fire Department ISO Rating	Yes	As of 2018: Coeymans Fire Co.: 5/6 Coeymans Hollow Fire Co.: 4/4x
Site Plan Review Requirements	Yes	
Other		
Funding Resources		
Authority to Levy Taxes	Yes	
Capital Improvement Project Funds	Yes	Pays for sewer work
Federal Funding Programs (i.e., USDA, FEMA, others)	Yes	FEMA Grant for Covid (PR 4480)
General Obligation Bonds and/or Special Tax Bonds	Yes	Have had bonds for equipment
Impact Fees for New Development	No	
State Funding Programs (i.e., NYSEFC, NYSOGR, NYSDEC, others)	Yes	GIGP, EFC grants from DEC
Utility Fees (i.e., water, sewer, stormwater, gas, electric)	Yes	Water and sewer fees
Other		
Land Use Regulations		
Density Controls	Yes	
Flood Insurance Rate Maps	Yes	Required under flood prevention law.
NFIP Participant / Floodplain Ordinance	Yes	See "Floodplain Administrator" row below (under "Staff Positions")
Hillside Development Regulations	No	
Open Space Preservation	Yes	Parks in the Town
Stormwater Management Regulations	No	
Streambank Setback Regulations	Yes	Any building along Hudson River has to have 100 foot setback (Town requirement)

		Notes
Planning Mechanism	In Place? (Yes/No)	(Does the plan address hazards? Can the capability be used to implement mitigation actions? When was it last updated?)
Subdivision Regulations	Yes	They take into account different types of areas
Zoning Ordinance	Yes	
Other	Yes	Chapter 93: Flood Damage Prevention
Natural Resources		
Forest/Vegetation Management	No	
Stream Corridor Management	No	
Stream Dumping Regulations	No	
Urban Forestry and Landscape Management	No	
Watershed Management	No	
Wetland Regulations	Yes	Chapter 96: Freshwater Wetlands
Other	Yes	Chapter 137: Solar Energy
Plans		
Capital Improvement Plan	No	No plan, but resolutions passed for Town building to have capital improvement fund. Sewer work implemented 4-5 years ago (capital improvement project to replace main sewer trunk line) and currently finishing up payments.
Comprehensive Emergency Management Plan	Yes	Personnel and protocols are listed in case of emergency.
Comprehensive Plan	Yes	March 2021
Continuity of Operations Plan	No	
Economic Development Plan	Yes	Part of Comprehensive Plan
Other	Yes	Alcove Reservoir Dam Emergency Action Plan
Programs/Organizations		
Climate Smart Community	No	
Local Emergency Preparedness/Disaster Response Organizations	Yes	Police, Fire, Rescue Squad (ambulance service, first responders)
Local Environmental Protection Organizations	No	
National Weather Service StormReady Certification	No	Albany County is certified

		Notes
Planning Mechanism	In Place? (Yes/No)	(Does the plan address hazards? Can the capability be used to implement mitigation actions? When was it last updated?)
Outreach Programs	Yes	Code Red, Town Facebook page, Town website
Partnerships with private entities addressing mitigation or disaster response	No	
School Programs or Adult Educational Programs	Yes	Fire Safety/Prevention put on by the Fire Companies
Other		
Staff Positions		
Civil Engineer	No	Use MJ Engineering
Code Enforcement Officer	Yes	Jason Chmielewski and Sante DeBacco
Emergency Manager	Yes	Dominic Bruno
Floodplain Administrator	Yes	Building Inspector/Code Enforcement Officer (Jason Chmielewski)
Planner/GIS Coordinator	No	
Other		
Technical Abilities		
Grant Writing	Yes	MJ Engineering assists for larger grants (e.g. GIGP). Police Dept and Justice Court sometimes processes own grants
Hazard Information Centers	Yes	Reverse 911, Fire Station Sirens that can be set off
Hazard Warning Systems	Yes	SDS sheets (Safety Data Sheets), some data gathered on past hazard events. Code Red allows Town to distribute emergency messages (email, text, phone call, including landlines. Anyone can sign up).
Other		

The Town's HMP update will be incorporated into and referenced by future updates of the plans, policies, ordinances, programs, studies, and reports listed in Table 3-1. In particular, the Town should review Table 3-1 when completing updates to the Comprehensive Plan and amendments to the Zoning Code. As part of this review, the Town may strategize opportunities for building the hazard mitigation mechanisms and capabilities currently marked "No" in the table (where feasible) by designating lead agencies in charge of closing such gaps, connecting with partners and technical support resources, establishing a timeline and next steps, estimating costs, and applying for grant funding when necessary. In an update to the Comprehensive Plan, this process may result in the development and inclusion of detailed proposed action items

and implementation frameworks that address gaps in hazard mitigation mechanisms and capabilities. In an amendment to the Zoning Code, this process may result in the modification of existing laws or the drafting and adoption of new laws to address gaps in hazard mitigation mechanisms and capabilities. Additional strategies to expand and improve hazard mitigation capabilities are detailed in Section 10 of the main body of the HMP.

3.2 Integration of Planning Efforts

The Town of Coeymans understands the importance of considering an integrated approach when developing municipal plans, policies, programs, and regulations. The Town intends to reference the 2024 Albany County HMP as part of the process for future updates to the plans, policies, programs, and regulations listed in Table 3-1, above, and for creating new regulations as applicable. This may include adding hazard mitigation as an agenda item at Town Board meetings where local laws are being developed or updated, including hazard mitigation considerations in any templates used to make new laws, adopting an ordinance that all new local laws need to consider hazard mitigation if applicable, or simply making local officials aware of the need to consider hazard mitigation in any plan updates. Additionally, the Town of Coeymans may use the local laws assessment (included in Section 4 of the main body of the HMP) to reference hazard mitigation related regulations that other jurisdictions in the County have adopted, and consider implementing similar regulations if desired. All of these actions will help expand and improve upon these existing capabilities so that they reduce risk and better support hazard mitigation.

4 HAZARD IDENTIFICATION AND RISK ASSESSMENT

4.1 Profiled Hazards

In this HMP Update, the County reviewed multiple natural hazards, and determined to profile five natural hazards: flooding, severe storm, drought, extreme temperatures, and landslide. Descriptions of each of these hazards are included in Section 6 of the main body of the HMP.

The Town of Coeymans has opted to exclude the following hazards from their annex. Town representatives gave the following reasons for this exclusion:

- Landslide – Excluded because the Town does not have very steep slopes or other landslide-prone areas, and has not seen any recent landslides.

Aside from the exception listed above, the Town of Coeymans profiled the same hazards as Albany County.

The hazard analysis criteria used to evaluate the Town's vulnerability to each natural hazard are summarized in Table 4-1, and the results are presented in Table 4-2. All rankings were completed subjectively, with the guidelines detailed in Table 4-1.

Table 4-1. Hazard Analysis Criteria

Score	Impact (Damage to property, crops, people)	Frequency*	Extent	Level of Preparedness	Total Score	Overall Vulnerability
1	Minor	Rare	One or two problem areas within the jurisdiction	Well Prepared	4 to 5	Low
2	Moderate	Infrequent	A significant portion of the jurisdiction	Moderately Prepared	6 to 8	Moderate
3	Major	Regular	The entire jurisdiction	Not Prepared	9 to 12	High

*Frequency is defined roughly as follows:

- Rare – Every 15 years or less
- Infrequent: Less than once a year but greater than once every 15 years
- Regular: Approximately yearly or multiple times a year

Table 4-2. Hazard Vulnerability by Event

Hazard Event	Impact (Damage to property, crops, people, etc.)	Frequency of Occurrence	Extent of Impacts	Level of Preparedness	Overall Vulnerability	Jurisdiction Rank	Notes (Anticipated Future Changes)
Flooding (Riverine, Coastal*, Urban, Flash, Ice Jam, Dam or Levee Break, Other)	2	3	1	2	8 – Moderate	2	See below
Drought	2	1	1	3	7 – Moderate	4	See below

Hazard Event	Impact (Damage to property, crops, people, etc.)	Frequency of Occurrence	Extent of Impacts	Level of Preparedness	Overall Vulnerability	Jurisdiction Rank	Notes (Anticipated Future Changes)
Severe Storm (Hail, Ice Storms, Wind, Thunderstorms and Lightning, Winter Storms, Hurricane, Tropical Storms, Tornado, Power Outage)	1	3	3	2	9 – High	1	See below
Extreme Temperatures (Cold Wave, Heat Wave, Air Pollution Effects)	1	1	3	3	8 – Moderate	3	See below

*Coastal Flooding includes impacts from sea level rise.

4.2 Hazard Event History

A complete history of natural hazard events within the County – based on NOAA's Severe Storm Database – is included in Section 6 of the main body of the HMP. The following is a subset of events that occurred specifically within the Town. These records informed the development of mitigation actions by demonstrating which hazards have historically had the greatest impact on the Town.

Table 4-3. Hazard Event Records, 2018-2023

Event Type	Date	Magnitude	Estimated Property Damage	Estimated Crop Damage
Hail	8/3/2019	1	\$0	\$0
Thunderstorm Wind	7/20/2019	50	\$0	\$0
Hail	8/3/2019	1	\$0	\$0
Thunderstorm Wind	8/8/2019	50	\$0	\$0
Thunderstorm/Wind	7/2/2020	50	\$0	\$0
Thunderstorm Wind	8/10/2020	50	\$0	\$0
Thunderstorm/Wind	8/23/2020	50	\$7,500,000	\$0
Thunderstorm Wind	10/7/2020	50	\$0	\$0
Flood	12/25/2020	-	\$0	\$0
Thunderstorm/Wind	7/7/2021	50	\$0	\$0
Thunderstorm Wind	8/13/2021	50	\$0	\$0
Flood	4/7/2022	-	\$0	\$0
Thunderstorm/Wind	7/4/2023	45	\$0	\$2000
Thunderstorm Wind	7/4/2023	50	\$0	\$0
Hail	7/25/2023	1.25	\$0	\$0
Total			\$7,500,000	\$2,000

Note: The table above lists only the hazard events that were recorded as occurring specifically within the Town. For records of County-wide hazard events, see the Albany County Annex. Units for magnitude are expressed as the following: Hail: inches, Thunderstorm Wind: knots.

4.3 Floodplain Statistics

Key water features in the Town are described in Section 2.2 of this annex. FEMA provides flood insurance rate maps for the municipality and GIS data on the spatial location of floodplains. The 1% annual chance (100-year) flood event area generally corresponds with areas that are at high risk of flooding, and the 0.2% annual chance (500-year) flood event area generally corresponds with areas that are at moderate risk of flooding.

Out of the 51.6 square miles in the Town, approximately 10.04% are located within the 1% annual chance flood event area and approximately 10.57% are located within 0.2% annual chance flood event area (inclusive of the 1% flood event area). The estimated number and structure value of parcels in the municipality that intersect mapped floodplains are summarized in Table 4-5. There are 307 parcels in the Town located within the 1% annual chance flood event area, with an estimated total structure value of \$217,052,512. Inclusive of these parcels in the 1% annual chance flood event area, there are 330 parcels in the Town located within the 0.2% annual chance flood event area, with an estimated total structure value of \$220,177,612.

Table 4-4. Summary of Areas in Floodplains*

Total Area (square miles)	Percent of Total Area in 1% Annual Chance Floodplain	Percent of Total Area in 0.2% Annual Chance Floodplain
51.6	10.04%	10.57%

* Calculated areas and percentages are informational estimates only and are not to be used for official purposes. The 0.2% annual chance floodplain in this table includes the area in the 1% annual chance floodplain. The area within the Village of Ravena was excluded from the Town's area in the creation of this table.

Table 4-5. Estimated Number and Structure Value of Parcels within Mapped Floodplains

Property Class	Number of Parcels in 1% Annual Chance Floodplain	Approx. Structure Value* in 1% Annual Chance Floodplain	Number of Parcels in 0.2% Annual Chance Floodplain**	Approx. Structure Value* in 0.2% Annual Chance Floodplain**
Unclassified	0	\$0	0	\$0
Agricultural	6	\$1,307,800	6	\$1,307,800
Residential	181	\$26,793,450	196	\$28,601,450
Vacant	78	\$181,800	81	\$181,800
Commercial	20	\$20,377,860	23	\$20,807,560
Recreation and Entertainment	8	\$2,516,700	8	\$2,516,700
Community Services	5	\$744,200	6	\$1,014,400
Industrial	3	\$126,059,200	4	\$126,676,400
Public Services	6	\$39,071,502	6	\$39,071,502
Parks and Open Space	0	\$0	0	\$0
Total	307	\$217,052,512	330	\$220,177,612

**Structure Value for each parcel was estimated by subtracting Land Assessed Value from Total Assessed Value. If the entire parcel or a subset of the parcel was contained within the floodplain, the structure on that parcel was included regardless of the structure's location on the parcel.*

*** The 0.2% Annual Chance Floodplain in this table includes the area in the 1% Annual Chance Floodplain.*

4.4 National Flood Insurance Program

Long-term mitigation of potential flood impacts can be best achieved through comprehensive floodplain management regulations and enforcement at a local level. The National Flood Insurance Program (NFIP), regulated by FEMA, aims to reduce the impact of flooding on private and public structures by providing affordable insurance for property owners. The program encourages local jurisdictions to adopt and enforce floodplain management regulations in order to mitigate the potential effects of flooding on new and existing infrastructure (<https://www.fema.gov/flood-insurance>).

Communities that participate in the NFIP adopt floodplain ordinances. If an insured structure incurs damage costs that are over 50% of its market value, the owner must comply with the local floodplain regulations when repairing or rebuilding the structure. A structure could be rebuilt at a higher elevation, or it could be acquired and demolished by the municipality or relocated outside of the floodplain. Insured structures that are located within floodplains identified on FEMA's Flood Insurance Rate Maps (FIRMs) may receive payments for structure and content losses if impacted by a flood event.

The NFIP and other flood mitigation actions are important for the protection of public and private property and public safety. Flood mitigation is valuable to communities because it:

1. Creates safer environments by reducing loss of life and decreasing property damage;
2. Allows individuals to minimize post-flood disaster disruptions and to recover quicker (homes built to NFIP standards generally experience less damage from flood events, and when damage does occur, the flood insurance program protects the homeowner's investment); and
3. Lessens the financial impacts on individuals, communities, and other involved parties (<https://www.fema.gov/flood-insurance>).

The Town of Coeymans currently participates in the NFIP (community ID 360005A), and its current FIRM(s) became effective on 3/16/15. FIRMs are available via FEMA's Flood Map Service Center (<https://msc.fema.gov/portal/home>). Digital FIRM data is also available for Albany County via FEMA's National Flood Hazard Layer Viewer, which was referenced during the development of this annex. Information from this digital FIRM data was incorporated into this Hazard Mitigation Plan where appropriate (for example, when identifying which critical facilities are located in the floodplain).

The Town's local law governing floodplain development and NFIP compliance is located in Chapter 93: Flood Damage Prevention. The Town will continue to comply

with the NFIP by enforcing floodplain management requirements and regulating new development in special flood hazard areas, among other required duties. Staff capabilities to implement the NFIP and local floodplain regulations are listed in Table 3-1 of this annex.

According to NFIP claims data provided by FEMA, there are 2 repetitive loss properties in the Town of Coeymans. Repetitive loss properties are properties that have had at least two paid flood losses of more than \$1,000 each in any 10-year period since 1978.

4.5 Considerations for Future Hazards

No concerns about future changes in hazard impacts specific to the Town were identified during the hazard mitigation planning process. The effects of climate change and other factors on future hazard events in Albany County are covered in more detail in Section 6 of the main body of the HMP.

5 ASSETS AND VULNERABILITIES

5.1 Critical Facilities

FEMA defines a critical facility as one that provides services and functions essential to a community, especially during and after a disaster. Critical facilities should remain accessible and functional before, during and after disasters. Additionally, critical facilities include those that requires a special emergency response in the event of hazardous incidents, such as buildings that store hazardous materials. Examples of critical facilities include community lifelines, such as fire departments, EMS services, police stations, water and wastewater services, medical facilities, highway garages, and hazardous materials. They also include facilities such as Town halls, schools, and senior centers. In the hazard mitigation planning process, each jurisdiction ultimately decided which facilities they consider to be critical facilities for their community.

Table 5-1 denotes the name, type, and location of the critical facilities within the Town of Coeymans, and any particular vulnerabilities of note. More information about hazard vulnerability, including the vulnerability of community assets to natural hazard events, is included in Section 8 of the main body of the HMP. Additional vulnerabilities by location are assessed in the HAZUS analysis, included in the appendices of the HMP.

Table 5-1. Critical Facilities*

[Table redacted due to sensitive content]

Per 2022 NYS Hazard Mitigation Planning Standards, jurisdictions must identify all of their critical facilities, determine the facilities' exposure to a 1% and 0.2% annual chance flood event, and document if the facilities are protected to a 0.2% annual chance flood event or previous worst case flood event (whichever is greater). For facilities that do not meet this level of protection, the jurisdiction must either include an action to meet or exceed this criterion or explain why it is not feasible to do so.

As indicated in Table 5-1, it is unknown whether several of the Town's critical facilities are protected to a 0.2% annual chance (500-year) flood event or previous worst case flood event (whichever is greater). The Town has included an action in Section 7.2: New Mitigation Actions related to these critical facilities. Section 9 of the main body of the HMP provides additional detail on how the County and local municipalities may assess critical facilities' level of protection to the 1% and 0.2% annual chance flood event.

5.2 High Hazard Potential Dams

According to the NYSDEC Division of Water Bureau and Flood Protection and Dam Safety, there are four hazard classifications of dams in New York State. A High Hazard Potential Dam is a dam located in an area where dam failure may cause loss of human life; serious damage to homes, industrial, or commercial buildings; essential public utilities; main highways or railroads; and will cause extensive economic loss.

The Town of Coeymans has 1 high hazard potential dam located in the municipality: Alcove Dam. Information on this dam is included in Table 5-2. High Hazard Potential Dams can be an asset as well as pose risks to the jurisdiction and neighboring jurisdictions. Additional information about high hazard potential dams and their impacts is included in Sections 6 and 7 of the main body of the HMP.

Table 5-2. High Hazard Potential Dams in the Town of Coeymans

Dam Name	Federal ID	Owner	Year Completed	Construction Type	Primary Purpose	Date of Last EAP Revision
Alcove Dam	NY00093	ALBANY WATER BOARD	1929	Earth	Water Supply	6/1/2023

Source: National Inventory of Dams (U.S. Army Corps of Engineers, 2023), NYSDEC Foil Request (NYS Department of Environmental Conservation, 2024)

5.3 Additional Jurisdiction/Public Identified Vulnerabilities

In addition to critical facilities, it is important to take a holistic approach to identifying assets in the jurisdiction and how they may be vulnerable to the hazards identified in the HMP. Examples of other assets considered include:

- People (residents, workers, visiting populations, and socially vulnerable populations like seniors, individuals with disabilities, lower-income individuals, etc.)
- Other structures (community centers, historic places, planned capital improvement)
- Economic assets (major employers, primary economic sectors, key infrastructure like telecommunications networks)
- Natural, historic and cultural resources (areas of conservation, beaches, parks, critical habitats)
- Critical facilities and infrastructure (hospitals, law enforcement, water, power)
- Community activities (major local events such as festivals or economic events like farming or fishing)

Aside from critical facilities listed in Table 5-1, the Town of Coeymans has identified the following additional assets for consideration in hazard mitigation planning and included the following notes:

Additional Assets:

[Information redacted due to sensitive content]

6 SUMMARY OF HAZARD IMPACTS AND VULNERABILITIES

6.1 Flood

The Town of Coeymans has ranked their overall vulnerability to flood events as moderate, as indicated in Table 4-2. According to Town representatives, flood events occur regularly in the jurisdiction and affect one or two problem areas within the jurisdiction, causing moderate damage. The Town feels they are moderately prepared for flood events.

Information on flood event records (Section 4.2 of this annex), high hazard potential dams (Section 5.2), floodplain statistics (Section 4.3), and participation in the NFIP (Section 4.4) are described above, illustrating the impact of flooding on critical facilities and other structures. The Town is particularly concerned about the impacts of flooding on certain geographic areas such as the hamlet of Coeymans, residents on Dock Street, Coeymans Marina, Yannies Restaurant, Miller Road, and the hollow by Marshall Road.

Future vulnerability to flood events is determined by many factors, such as climate change, land use, and population changes, as well as the implementation of mitigation and adaptation strategies. Climate change is expected to increase the Town's future vulnerability to flood events. These trends are further described in Section 4.1 of this annex and in Section 6 of the main body of the HMP.

6.2 Severe Storm

The Town of Coeymans has ranked their overall vulnerability to severe storm events as high, as indicated in Table 4-2. According to Town representatives, severe storms occur regularly in the jurisdiction and affect the entire jurisdiction, causing minor damage. The Town feels they are moderately prepared for severe storm events.

Records of severe storm events are described in Section 4.2 of this annex. Impacts to the Town from severe storm events include fallen trees and branches from severe winds. These can plug up creeks, causing flooding, and can damage overhead utility lines, causing power outages. Downed trees and branches are a problem especially for rural areas in the Town of Coeymans, and can put private and public infrastructure and property at risk. In addition, during severe winter storm events, roadway safety is a primary concern. When heavy snow and ice occurs, it is difficult for the Town to clear the whole Town's area quickly, especially rural areas. Impacts from storms to the Town's critical infrastructure or primary transportation routes would be particularly impactful to residents.

Future vulnerability to severe storm events is determined by many factors, such as climate change, land use, and population changes, as well as the implementation of mitigation and adaptation strategies. Climate change is expected to change the types of severe storm events that the Town is vulnerable to, likely making the Town more vulnerable to severe thunderstorm, windstorm, and hail events and less vulnerable to

heavy snow, ice storms, winter storms and winter weather. These trends are further described in Section 4.1 of this annex and in Section 6 of the main body of the HMP.

6.3 Drought

The Town of Coeymans has ranked their overall vulnerability to drought events as moderate, as indicated in Table 4-2. According to Town representatives, drought events occur rarely in the jurisdiction and affect one or two problem areas within the jurisdiction, causing moderate damage. The Town feels they are not prepared for drought events.

Some, but not all, residents of the Town of Coeymans are served by a public water supply. Residents who rely on private wells may be especially susceptible to low water yields during a drought, as well as water quality issues. Additionally, agricultural operators would experience significant impacts from drought, especially if they rely on natural rain events, rainwater collection, and healthy soils for crop maintenance and livestock care. The public water supply, and certain critical facilities (e.g. Coeymans Sewer Plant) could be susceptible to impacts during a drought due to low water yields, particularly if a back-up water supply has not been formally established.

Future vulnerability to drought events is determined by many factors, such as climate change, land use, and population changes, as well as the implementation of mitigation and adaptation strategies. Climate change is expected to increase the Town's future vulnerability to drought events. These trends are further described in Section 4.1 of this annex and in Section 6 of the main body of the HMP.

6.4 Extreme Temperatures

The Town of Coeymans has ranked their overall vulnerability to extreme temperature events as moderate, as indicated in Table 4-2. According to Town representatives, extreme temperature events occur rarely in the jurisdiction and affect the entire jurisdiction, causing minor damage. The Town feels they are not prepared for extreme temperature events.

Extreme temperature events tend to have greater impacts on vulnerable populations, including older adults (over 65 years), young children (under 5 years), individuals with health complications, and individuals who cannot afford to sufficiently heat or cool their homes. Approximately 4.4% of the population in the Town is under 5 years old, and 16.6% of the population is over 65 years old. Approximately 10.7% of the residents of the Town have a disability (excluding any institutionalized residents and active-duty military members) some of whom have health problems that make them more vulnerable to extreme heat or cold. Approximately 9.3% of the Town's population is below the poverty level. Many residents within these populations are at a higher risk of being impacted by extreme temperature events. These statistics encompass both the Village of Ravena and the Town of Coeymans.

Future vulnerability to extreme temperature events is determined by many factors, such as climate change, land use, and population changes, as well as the implementation of mitigation and adaptation strategies. Climate change is expected to increase the Town's future vulnerability to extreme heat events and decrease its vulnerability to

extreme cold events. These trends are further described in Section 4.1 of this annex and in Section 6 of the main body of the HMP.

6.5 Jurisdictional Priorities

Taking into account the identified natural hazards, potential impacts, assets, and vulnerabilities identified above, key vulnerabilities and priorities to be addressed in this HMP were identified for the Town.

Top concerns about hazard mitigation in the Town included:

- Flooding, especially in the hamlet of Coeymans when the river floods. Can impact residents especially Dock Street (2 houses), Coeymans Marina, and Yannies Restaurant. Happens 1-3 times a year.
- Severe Storms – especially trees coming down in more rural areas, and the snow and ice issue (it is hard to cover the whole area when heavy snow / ice occurs)

The following populations were identified as being particularly vulnerable to hazards:

- Flooding on Miller Road, hamlet of Coeymans, hollow by Marshall Road

The plan was revised to reflect the following changes in community priorities since the 2018 HMP Update:

- Flooding on Route 143 is a priority. When Hannacroix Creek flooded (Route 143), the Town worked with DEC to clear trees. 143 is a major road that goes through the middle of Coeymans Hollow, and it floods often. This also affects Marshall Road, since it is hard to direct traffic when this happens.

Additional concerns that the Town would like addressed in the plan include:

- Concern about Alcove Reservoir Dam – The dam has a flood plan, but would flood the 143 corridor if it fails. There is an evacuation plan, which spells out where water would go, as well as other details. The City of Albany has an Emergency Action Plan for the dam (EAP was updated 7/12/23) as well as an engineering assessment. Dam ID: 2091491. Class C high hazard dam.

6.6 Additional Impacts

Additional impacts of the hazards are summarized in the problem descriptions in the Town's past and new mitigation actions, as described in the following sections.

7 MITIGATION STRATEGY AND IMPLEMENTATION

7.1 Past, Completed, and Ongoing Initiatives

The Town had proposed 2 mitigation actions in the 2018 Albany County HMP Update. The status of each action is summarized below, along with the Town's decision about whether to include the action in the 2024 HMP Update. Any revisions to actions proposed in 2018 are indicated below.

Table 7-1. Status of 2018 Mitigation Actions

Name	Description	Hazard(s)		Lead Agency	Status		Notes
		Mitigated			(Completed, In Progress, No Progress, Discontinued)	Carried into 2024 HMP Update? (Yes/No)	
Miller Road Replacement/Elevate Road due to Major Flooding	Benefits – Miller Rd. would no longer wash out during flooding, if houses are raised they also would not sustain as much damage during flooding, new culvert pipes would help the flow of water. Estimated cost:\$1,500,000	Flooding		Town of Coeymans Highway Department	No Progress	No	Road was not elevated; it was repaved but still floods. Road is at same level as creek. However, raising the road would not help houses.

Name	Description	Hazard(s) Mitigated	Lead Agency	Status		Notes
				(Completed, In Progress, No Progress, Discontinued)	Carried into 2024 HMP Update? (Yes/No)	
Acquisition of Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties within municipal limits	Continued loss and damage to existing structures and belongings would be resolved at repetitive loss locations. No action alternative would result in additional and repair damages from flood events and storms. Cost would depend on assess value of the properties in question	Flooding	Town Board, Town Consultant	No progress	No	

7.2 New Mitigation Actions

In addition to the actions carried over from the 2018 HMP, the Town of Coeymans identified new mitigation actions for inclusion in the 2024 HMP Update, in conjunction with the project team. First, a list of actions was brainstormed based on the capabilities, hazard identification, impacts, and vulnerabilities described above. This included consideration to the ways that the Town could expand and improve the identified capabilities to achieve mitigation, as described in Section 3 of this annex. Then, a more comprehensive range of actions were evaluated as described in Section 9 of the main body of the HMP. Finally, actions that tied in most closely with the vulnerabilities identified by the Town were selected for inclusion in the HMP. These actions are included in the table below. (Note that in the table, CF = Critical Facility, EHP = Environmental and Historic Preservation.) The actions also help address climate change in the Town, since many of the hazards profiled in this HMP may be worsened by climate change. The effects of climate change on these hazards are described in Section 4.1 and Section 6 of this annex, as well as in Section 6 of the main body of the HMP.

Table 7-2. New Mitigation Actions*

Project #	Project Name	Goal/Objective being Met	Hazard to be Mitigated	Description of the Problem	Description of the Solution	Related to CF?	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority
T Coeymans MH1	Hannacroix Creek Flood Mitigation Strategy	G5, G6	Flood, Severe Storm	Flooding often occurs in the hollow by Marshall Road and Route 143, especially during heavy rainstorm events. Route 143 itself floods often, and affects Marshall Road. This leads to traffic problems because traffic needs to be re-directed in a lengthy route to avoid flooding. While state agencies conduct maintenance in response to a flood, there is a need for preventative measures to prevent flooding. The issue is made more complicated by the fact that the Village of Ravena's and Hamlet of Coeymans' drinking water flows through Hannacroix Creek before reaching the water treatment plant, which limits the actions that can be taken in the creek. The Town also does not own rights to the area.	Collaborate with the NYS DEC and NYS DOT to assess methods to reduce flooding on Hannacroix Creek (including in the hollow by Marshall Road and Route 143), establish responsibility, and establish preventative maintenance protocols, such as clearing trees from the creek on a regular basis. This would help prevent floods from occurring in the first place.	No	Potentially	1-3 years	Highway Department	Medium	Having regular maintenance protocols in place would help prevent flooding along the creek. Establishing these protocols would reduce risk in the long term, as these protocols would persist over many years once in place.	US CDBG-MIT, US HMGP, US Flood Mitigation Assistance, NYS HM RLF, US BRIC, EFC GIGP	Medium

Project #	Project Name	Goal/Objective being Met	Hazard to be Mitigated	Description of the Problem	Description of the Solution	Related to CF?	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority
T Coeymans D1	Drought Education Program	G1, G3, G6	Drought	While drought is rare in the municipality, there is a risk that it could occur. Not all residents are educated about water-saving techniques, which could reduce the severity of drought if implemented.	Educate residents on water conservation measures such as low flow toilets and best practices for watering lawns.	No	No	1 year	Fire Department	Low	Residents will be equipped to implement behavioral and operational changes that conserve water and reduce the overall impact of drought.	US HMGP, US BRIC, CRF, EPA EJSG, US CDBG-MIT, NYS HM RLF, FEMA EMPG, WaterSMART Drought Response Program	High
T Coeymans S1	Tree Removal Strategy	G1, G5, G6	Severe Storm	Severe storms can take down trees and branches in the Town. Timely maintenance can be difficult in more rural areas as the Town has a large area to cover.	Purchase tree removal equipment to enhance ability to remove hazardous trees that can fall during storms. Additionally, continue to assess trees along corridors; if any need removal, partner with County DPW for removal.	No	No	1-3 years	Highway Department	High	Additional tree removal equipment and assessment efforts will enhance the Town's ability to remove hazardous trees in a timely manner, reducing the amount of fallen branches, road closures, downed power lines, and overall impact of storms.	US CDBG-MIT, US HMGP, NYS HM RLF, NYSDEC Urban and Community Forestry Grants	Medium

Project #	Project Name	Goal/Objective being Met	Hazard to be Mitigated	Description of the Problem	Description of the Solution	Related to CF?	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority
T Coeymans ET1	Extreme Temperature Education Program	G1	Extreme Temperatures	Extreme temperatures, while rare, do sometimes affect the Town. The Towns' fire departments have the capacity to serve as heating and cooling centers (including the availability of backup generators), but not all residents know of their existence.	Educate residents about methods to stay safe during extreme temperatures, and the availability of assistance from the fire department, including heating and cooling centers. Additional educational topics may include signs and symptoms of heat-related and cold-related illnesses, and what to do if residents are experiencing them. Education may occur through the Town Facebook page, Town Board monthly meetings, and other channels as appropriate. During hazards, the Town may also issue CodeRed notifications to residents that are registered.	No	No	1 year	Fire Department	Low	Residents will have better knowledge of where to go and what to do during extreme heat and cold events, which will reduce their vulnerability to these events.	US HMGP, US BRIC, EPA EJSG, US CDBG-MIT, NYS HM RLF, FEMA EMPG	High

Project #	Project Name	Goal/Objective being Met	Hazard to be Mitigated	Description of the Problem	Description of the Solution	Related to CF?	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority
T Coeymans F1	Vulnerability Assessment and Flood Protection for Critical Facilities	G1, G2, G5, G6	Flood	Some of the Town's critical facilities may not be protected against the 0.2% chance flood event or previous worst case flood event. This leaves these facilities vulnerable to becoming inoperable during flood events..	Conduct vulnerability assessments for the critical facilities identified in the Town's annex to this HMP update, to determine their level of protection against a 0.2% chance flood event (or previous worst case flood, if greater than the 0.2% chance flood), where unknown. If/when funding is available, protect any unprotected facilities to an 0.2% chance flood event (or previous worst case flood event, if applicable), through engineering design, building retrofits, or other measures, as necessary and feasible. These facilities are identified in Table 5-1 of the jurisdictional annex.	Yes	Potentially	3-5 years	Building Department	High	This action would reduce the vulnerability of critical facilities to flood events.	DASNY State and Municipal Facilities Program, US HMGP, US BRIC, US Flood Mitigation Assistance, US HUD CDBG-MIT, NYS HM RLF, NYS CSC, FEMA EOC Grant Program	Medium

Project #	Project Name	Goal/Objective being Met	Hazard to be Mitigated	Description of the Problem	Description of the Solution	Related to CF?	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority
T Coeymans MH2	Increase Resilience at Municipal Facilities and Key Assets	G1, G2, G5, G6	Multiple Hazards (Flood, Severe Storm, Extreme Temperatures)	According to Albany County's Climate Resiliency Plan, several municipal facilities throughout the County are vulnerable to natural hazards such as flooding, severe storms, and extreme temperatures, especially older buildings and buildings that serve vulnerable populations. Some Town of Coeymans facilities may fall into this category.	Partner with Albany County to assess additional opportunities to increase resilience at critical facilities and other key assets. This may include, but is not limited to, action items detailed in the Albany County Climate Resiliency Plan page 180-197, such as: 1) Assess municipal buildings for resilient retrofit opportunities, 2) Assess municipal properties for resilient site improvements, and 3) Assess climate risks and identify proactive solutions for climate resilience at a local level. Particular facilities of interest may include, but are not limited to, the ones listed in the Climate Resiliency Plan (Chapter 3 and pages 180-197), as well as the ones listed in the Critical Facilities section of the jurisdictional annex.	Yes	Potentially	3-5 years	Building Department	High	This action would reduce the vulnerability of the community's critical facilities to natural hazards including storms, floods, and extreme temperatures.	DASNY State and Municipal Facilities Program, US HMGP, US BRIC, US Flood Mitigation Assistance, US HUD CDBG-MIT, NYS HM RLF, NYS CSC, FEMA EOC Grant Program	Medium

*Note: CF = Critical Facility, EHP = Environmental and Historic Preservation.

7.3 Mitigation Action Prioritization

Each of the Town's proposed mitigation actions were evaluated and prioritized according to the criteria listed in Section 9 of the main body of the HMP. This includes a cost-benefit review of the proposed actions. The results are included in Table 7-3.

Table 7-3. New Mitigation Action Prioritization

Mitigation Action ID	Mitigation Action Name	Ability to Increase Resilience	Economic Feasibility	Low Environmental Impact	Ability to Implement	Total Score	Priority
T Coeymans MH1	Hannacroix Creek Flood Mitigation Strategy	3	2	2	2	9	Medium
T Coeymans D1	Drought Education Program	2	3	3	3	11	High
T Coeymans S1	Tree Removal Strategy	2	1	2	3	8	Medium
T Coeymans ET1	Extreme Temperature Education Program	2	3	3	3	11	High
T Coeymans F1	Vulnerability Assessment and Flood Protection for Critical Facilities	2	1	2	2	7	Medium
T Coeymans MH2	Increase Resilience at Municipal Facilities and Key Assets	2	1	2	2	7	Medium

Note: Feasibility/effectiveness is rated as follows: 1 = Poor, 2 = Moderate, 3 = Good. Priority is determined as follows based on total score: 4-6 = Low, 7-9 = Medium, 10-12 = High.

7.4 Mitigation Action Implementation and Administration

The Town's new mitigation actions will be implemented and administered via the lead agencies listed in Table 7-2 of this annex, using the timeframes, prioritization, and funding sources in Sections 7.2 and 7.3 as a guide. Further details about implementation of mitigation actions for all jurisdictions in Albany County, as well as a description of funding sources, are described in Sections 9 and 10 of the main body of the HMP.

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8 ADDITIONAL PUBLIC INVOLVEMENT

Public input was solicited to guide the development of the HMP through two public information meetings and a community survey. A summary of the findings of these outreach activities can be found in Section 3 of the main body of the HMP. The Town of Coeymans may continue to seek public participation in hazard mitigation planning after HMP approval by including discussion of the HMP as an agenda item at public Town Board meetings and by offering opportunities for members of the public to participate in the implementation of relevant mitigation actions.

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