



SECTION 2. PLANNING PROCESS

2.1 INTRODUCTION

This section includes a description of the planning process used to update the 2019 Burlington County HMP, including how it was prepared, who was involved in the process, and how the public was involved. To ensure that the plan meets the federal requirements for hazard mitigation planning and that the planning process would have the broad and effective support of the participating jurisdictions, regional and local stakeholders, and the public, an approach to the planning process and plan documentation was developed to achieve the following goals:

- The HMP is multi-jurisdictional and considers natural and human-caused hazards facing the Planning Partners, thereby satisfying the hazard mitigation planning requirements specified in federal regulations (44 CFR 201.6).
- The HMP was developed following the process outlined by FEMA regulations and prevailing FEMA and NJOEM guidance. Following this process ensures that all requirements are met and supports HMP review.

The Burlington County HMP update was written using the best available information obtained from a wide variety of sources. The hazard mitigation strategies identified in this HMP have been developed through an extensive planning process involving local, county, and regional agencies, Planning Area residents, and stakeholders. The HMP Planning Partnership solicited information from local agencies and individuals with specific knowledge of certain hazards and past historical events, as well as reviewing planning and zoning codes, ordinances, and other recent planning decisions.

This section describes all components of the mitigation planning process. This process does not represent the start of hazard risk management in the Planning Area; rather it is part of an ongoing process by various state, county, and local agencies and individuals. A summary of past and ongoing mitigation efforts—provided in Section 6 (Mitigation Strategy) and in the jurisdictional annexes in Volume II—gives a historical perspective of the Planning Area and local activities implemented to reduce vulnerability to hazards.

2.2 ORGANIZATION OF THE PLANNING PROCESS

Many parties supported the preparation of this HMP update: County officials, municipal officials, the Planning Partnership, stakeholders, and a planning consultant. This section of the HMP identifies how the planning process was organized with the many participants involved and outlines the major activities that were conducted in the development of this HMP update.



2.2.1 Planning Consultant

A contract planning consultant (Tetra Tech) was selected to guide Burlington County through the HMP update process. A contract between Tetra Tech and Burlington County was executed in June 2023. Tetra Tech was tasked with the following:

- Assistance with the organization of a Steering Committee and the Planning Partnership
- Assistance with the development and implementation of a public and stakeholder outreach program
- Data collection
- Facilitation and attendance at meetings (Steering Committee, Planning Partnership, stakeholder, public and others)
- Review and update of the hazards of concern, hazard profiling, and risk assessment
- Assistance with the review and update of mitigation planning goals and objectives
- Assistance with the review of past mitigation strategy progress
- Assistance with the screening of mitigation actions and the identification of appropriate actions
- Assistance with the prioritization of mitigation actions
- Authoring of the draft and final plan documents

2.2.2 Organization of the Planning Partnership

To facilitate plan development, Burlington County developed a Planning Partnership to provide guidance and direction to the HMP update effort and to ensure the resulting document will be embraced both politically and by the constituency within the Planning Area. Appendix B (Participation Matrix) identifies who represented the Planning Partners during this planning effort and indicates how they contributed to the planning process. Table 2-1 lists the members of the Planning Partnership. The Planning Partnership was charged with the following:

- Attending and participating in Planning Partnership meetings.
- Represent their jurisdiction throughout the planning process and ensure participation expectations are met by their jurisdiction.
- Support and promote the public involvement process.
- Assisting with the development and completion of certain planning elements, including:
 - Reviewing and updating the hazards of concern.
 - Developing a public and stakeholder outreach program.
 - Assuring that the data and information used in the plan update process are the best available.
 - Reviewing and updating the hazard mitigation goals.
 - Report on progress of mitigation actions identified in prior or existing HMPs, as applicable.
 - Identifying and screening of appropriate mitigation strategies and activities.
- Reviewing and commenting on plan documents prior to submission to NJOEM and FEMA.
- Adopt, implement, and maintain the plan update.



Table 2-1. Burlington County Hazard Mitigation Planning Partnership

Organization	Name	Title	Steering Committee Member	Planning Partnership Member	Primary Point of Contact	Alternate Point of Contact	NFIP Administrator
Burlington County	Division of Emergency Management						
	Darryl Williams	DEM Coordinator	X	X		X	
	Kristen Carr	DEM Deputy Coordinator	X	X	X		
	Madison Hoff	Assistant Planner	X	X			
	Bob Carr	Fire Marshal	X	X			
	County Administration						
	Todd Wirth	Management Specialist	X	X			
	Department of Health						
	Herbert Conway	Director	X	X			
	Monique Davis	Assistant Health Officer	X	X			
	Holly Funkhouse Cucuzzella	Health Officer	X	X			
	Department of Public Information						
	Dave Levinsky	Public Information Officer	X	X			
	Department of Public Works						
	Joe Brickley	Director	X	X			
	Department of Resource Conservation						
	Mary Pat Robbie	Director	X	X			
	Division of GIS						
	David Rickert	GIS Specialist 2	X	X			
	Merrilee Torres	GIS Specialist 1, GIS Supervisor	X	X			
	Division of Solid Waste						
	Jerome Sheehan	Director	X	X			
	Department of Information Technology						
	Kevin Savage	Director	X	X			
	Michael Patton	Assistant Director	X	X			
	Jalen Singleton	Data Specialist	X	X			
	Division of Engineering						
	Thomas Stanuikynas	County Planner	X	X			
	Joseph Brickley	Public Works Director / County Engineer	X	X			
	Division of Buildings and Grounds						
	Steven Stypinski	Director of Construction Services	X	X			
	Department of Human Services						
	Malikah Morris	Human Services Director	X	X			
Elfrieda Francis	Division Head for Behavioral Health	X	X				
Division of Roads and Bridges							
John Janis	County Supervisor	X	X				



Organization	Name	Title	Steering Committee Member	Planning Partnership Member	Primary Point of Contact	Alternate Point of Contact	NFIP Administrator
	Department of Public Safety						
	Kevin Briggs	Executive Supervisor	X	X			
	Department of Parks						
	Jeremy Hreben	Superintendent of Parks	X	X			
Bass River (Twp)	Sally Bourguignon	OEM Coordinator		X	X		
	Louis Bourguignon	Deputy OEM Coordinator		X		X	
	Barbara Somes	Assistant OEM Coordinator		X			
	Frank Little	Zoning Officer and Engineer		X			X
	Deborah Buzby-Cope	Mayor		X			
	Jim Scurmon	Construction Official		X			
	Jenny Gleghorn	Municipal Clerk		X			
Beverly (C)	Kevin J. Richards	OEM Coordinator		X	X		
	Rich Wolbert	Public Safety		X		X	
	Rakesh Darji	Floodplain Administrator		X			X
	George K. Meredith	Fire Chief		X			
	William Kirchner	City Engineer		X			
	Cedric Minter	Construction Code Official		X			
	Caitlin D'Alfonso	Municipal Clerk		X			
	Michael Haws	DPW Supervisor		X			
	Mark Remsa	City Planner		X			
Bordentown (C)	James E. Lynch, Jr.	Mayor		X			
	Ryan J Lynch	OEM Coordinator		X	X		
	Brian Maugeri Sr.	OEM Deputy Coordinator		X			
	Margaret Peak	Administrator		X		X	
	Jennifer Smith	Planning Board Secretary		X			X
	Robert Erickson	Public Works Superintendent		X			
	Shaun Lafferty	Police Chief		X			
Bordentown (Twp)	Nichaolas S. Buroczi	OEM Coordinator		X	X		
	Nathan Roohr	Chief of Police		X			
	Eric Holliday	Committeeman/Committee Liaison to OEM		X			
	Robert McFarland	Fire District #2 Chief		X			



Organization	Name	Title	Steering Committee Member	Planning Partnership Member	Primary Point of Contact	Alternate Point of Contact	NFIP Administrator
	Tom Komlosi	Fire District #1 Acting Chief		X			
	Michael Theokas	Township Administrator		X		X	
	Maria S. Carrington	Township Clerk		X			
	Robert Salmons	Township Construction Official		X			
	Adam Spundarelli	Public Works Supervisor		X			
	Mark Siegle	Township Director of Community Development		X			
	Fred Turek	Township Engineer - Turek Consulting LLC		X			X
	Dean Buhner	Director of Public Works		X			
	Marcie Maute	Zoning Officer		X			
Burlington (C)	Frank S. Caruso	OEM Coordinator		X	X		
	Kenneth Shine	Engineer		X		X	
	William Harris	Director of Housing and Economic Development, CRS Coordinator		X			
	Barry W. Conaway	Mayor		X			
	William Curry	Director of Public Works		X			
	Allison S Iannaccone	Floodplain Administrator		X			X
	Jody Mazeall	Construction Official		X			
	David C. Mudge	OEM Deputy Coordinator		X			
	Craig E. Leshner Sr.	OEM Deputy Coordinator		X			
	Johanna Conyer	Business Administrator		X			
	Zoraida Pagan	Administrative Secretary		X			
	Ryan Elbertson	Police Chief		X			
	Bill Kirschner	Asst. Engineer		X			
	Jody Mazeall	Construction Official		X			
	Cindy Crivaro	Municipal Clerk		X			
	Burlington (Twp)	Deborah M. Painter	OEM Deputy Coordinator		X		
David C. Ekelburg		OEM Coordinator		X	X		
E.L. Pete Green		Mayor		X			
George Coolidge		Director of Public Works		X			
Scott Hatfield		Township Engineer		X		X	
Jon Lamont		Construction Code Official		X			X



Organization	Name	Title	Steering Committee Member	Planning Partnership Member	Primary Point of Contact	Alternate Point of Contact	NFIP Administrator
	Matthew Tomaszewski	OEM Deputy Coordinator		X			
	Bruce Painter	Public Safety Director		X			
	Mary E. Field	Township Clerk		X			
	Anthony Tappanese	Housing Inspector		X			
	Joseph S. Augustyn	Planner		X			
	Jodi Botlinger	Mayor's Administrator		X			
Chesterfield (Twp)	Rick Bainbridge	OEM Coordinator		X	X		
	Michael Davison	OEM Deputy Coordinator		X		X	
	Glenn McMahon	Technical Assistant/Code Enforcement		X			
	Thomas A. Sahol	Former Township Administrator		X			
	Troy Ulshafer	Public Works Foreman		X			
	Ryan Lynch	Fire Chief		X			
	Carmela Roberts	Former Township Engineer		X			
	Leah Furey Bruder	Township Planner		X			
	Denise Koetas-Dale	Mayor		X			
	Caryn Hoyer	Municipal Clerk		X			
	Roger Fort	Construction Official		X			
	Joseph R. Hirsh	Township Engineer					X
Cinnaminson (Twp)	Danny Norman	OEM Coordinator		X	X		
	William Obuchowski	OEM Deputy Coordinator		X			
	Kevin Gauntt	Superintendent of Public Works		X			
	Michael Minton	Zoning and Code Enforcement Officer		X			
	Eric Schubiger	Township Administrator		X			
	Joseph Barbadoro	Township Engineer		X		X	X
	Dean Jerginan	OEM Deputy Coordinator		X			
	Julia Edmondson	Chief Financial Officer, Purchasing Agent		X			
	Lisa Passione	Municipal Clerk		X			
	Ernest McGill	Mayor		X			
	Richard Calabrese	Chief of Police		X			
	Edward Fox	Planner		X			
Delanco (Twp)	Robert Viereck	OEM Coordinator		X		X	
	Matthew Bartlett	OEM Deputy Coordinator		X			



Organization	Name	Title	Steering Committee Member	Planning Partnership Member	Primary Point of Contact	Alternate Point of Contact	NFIP Administrator
	Beverly Russell	Municipal Clerk		X	X		
	Richard Schwab	Township Administrator		X			
	John Fenimore	Superintendent of Public Works		X			
	Christopher Noll	Township Engineer		X			
	Michael Lunemann	Construction Official		X			X
	Michael Templeton	Township Committee		X			
	Bill Reutter	OEM Deputy Coordinator		X			
	Ed Ruggiano	Code Enforcement		X			
	Scott Taylor	Township Planner		X			
Delran (Twp)	Joseph Cunningham Jr.	OEM Coordinator/Deputy Fire Chief		X	X		
	William Lunemann	Construction Official		X			
	Bryan Mullen	DPW Superintendent		X			
	Joseph Bellina	Township Administrator		X		X	
	Chris Dochney	Township Engineer		X			X
Eastampton (Twp)	Bob Carr	OEM Coordinator	X	X	X		
	Kim-Marie White	Township Manager	X	X		X	
	Stacey Arcari	Township Engineer		X			X
	Darrin Elbertson	Code Enforcement		X			
	Brad Regn	Construction Official		X			
	Fredrick P. Rodi	Public Works Director		X			
	Joseph Iacovitti	Chief of Police		X			
	Bill Angelaccio	Public Works Foreman		X			
	Mark A. Remsa	Township Planner		X			
	Kathy Newcomb	Zoning Official		X			
	Eugene Oberfrank	OEM Deputy Coordinator		X			
	Dominic F. Santillo	Mayor		X			
	Michael Lunemann	Construction Official		X			
Edgewater Park (Twp)	Joseph T. Pullion	Township Administrator		X	X		
	Alyssa Meredith	Emergency Management Coordinator		X		X	
	Chief Brett Evans	Police Chief		X			
	Harry Moscatiello	Construction Code Official		X			X



Organization	Name	Title	Steering Committee Member	Planning Partnership Member	Primary Point of Contact	Alternate Point of Contact	NFIP Administrator
	Jim Bernard	Public Works Superintendent		X			
	Edward Fox	Township Planner - Environmental Resolutions Inc.		X			
	Rakesh Darji	Township Engineer		X			
	Patricia Clayton	Township Clerk		X			
	Michelle Atzert	Sewerage Authority Administrator		X			
Evesham (Twp)	Carl Bittenbender	OEM Coordinator		X	X		
	Kevin Rijs	Community Development Director		X			
	Eamonn Fitzpatrick-Ruth	Firefighter/Inspector		X			
	Anthony Saccomanno	Construction Official		X			
	Scott Freedman	Deputy Fire Chief, Fire Marshal		X		X	
	Jessica Hauber	Township Engineer		X			X
	David Pfeiffer	Assistant Superintendent Municipal Public Property and Services		X			
	Jaclyn Veasy	Mayor		X			
	Mary Lou Bergh	Township Clerk		X			
	Walt Miller	Chief of Police		X			
Dave Pfeifer	Public Works Superintendent		X				
Florence (Twp)	Philip Drangula	OEM Coordinator		X	X		
	Albert Jacoby	Deputy OEM Coordinator		X		X	
	James Hoey	Construction Official		X			
	Nancy Earlston	Clerk		X			
	Michael Angelastro	Engineer		X			X
	Ed Fox	Planner		X			
	David Wright	Public Works Assistant Superintendent		X			
	Thomas Sahol	Administrator		X			
	Brian Boldizar	Police Chief		X			
	Robert Tharp	Fire Administrator		X			
Hainesport (Twp)	William Challenger	OEM Coordinator		X	X		
	Paula Kosko	Municipal Clerk		X			
	George Myers	Deputy OEM Coordinator		X		X	
	Joe Crain	DPW Foreman		X			
	Ray Holshue	Construction Official		X			X
	Paula Tiver	Joint Land Use Board Secretary		X			



Organization	Name	Title	Steering Committee Member	Planning Partnership Member	Primary Point of Contact	Alternate Point of Contact	NFIP Administrator
	Kathy Newcomb	Zoning Officer		X			
	Janice Ludden	Chair Environmental Commission		X			
	Irene Barry	Code Enforcement Officer		X			
	Gerard Clauss	Mayor		X			
	Scott Taylor	Planner		X			
	Martin Miller	Engineer		X			
Lumberton (Twp)	Ryan Engle	OEM Coordinator		X	X		
	Aaron Morrison	OEM Deputy Coordinator		X		X	
	Bobbie Quinn	Township Administrator		X			
	Meredith Riculfy	Incoming Township Administrator		X			
	Ryan Tuno	OEM Deputy Coordinator		X			
	Thomas Shover	Public Works Foreman		X			
	Rakesh Darji	Township Engineer		X			
	Bradley Regn	Construction Official		X			
	Colleen Ekey	Former OEM Coordinator		X			
	Mike Lunemann	Construction Official		X			X
Leah Furey	Township Planner		X				
Anthony Nippins	Police Chief		X				
Mansfield (Twp)	Douglas Borgstrom	OEM Coordinator	X	X	X		
	Matthew Konowicz	Township Fire Department	X				
	George Senf	Assistant OEM Coordinator		X		X	
	Ashley Jolly	Deputy Clerk		X			
	Linda Semus	Municipal Clerk		X			
	Edward Ruggiano	Zoning Official		X			
	Michael Fitzpatrick	Administrator		X			
	Frank Parkerson	Public Works Foreman		X			
	Edward Fox, III	Planner		X			
	Douglas Johnson	Engineer		X			X
	Alexander Belonzi	OEM Deputy Coordinator		X			
	Jef Jones	Construction Code Official		X			
Maple Shade (Twp)	Susan Danson	Township Manager	X	X	X		
	Brian Davis	OEM Coordinator / Police Sgt.	X	X		X	



Organization	Name	Title	Steering Committee Member	Planning Partnership Member	Primary Point of Contact	Alternate Point of Contact	NFIP Administrator
	Ed Toussaint	Construction Official	X	X			X
	Christopher Fletcher	Police Chief		X			
	Patrick Lyons	Director of Public Works		X			
	Andrea McVeigh	Township Clerk/Registrar		X			
Medford (Twp)	Robert Dovi	OEM Coordinator		X	X		
	Clifford Rickards	OEM Deputy Coordinator		X		X	
	William Dunleavy	OEM Deputy Coordinator		X			
	Jeffrey Wagner	OEM Deputy Coordinator		X			
	Beth Portocalis	Executive Assistant to the Manager and Open Space Coordinator		X			
	Katherine Burger	Former Municipal Clerk		X			
	Charles Watson	Mayor		X			
	Ronnie Fowler	Director of Public Works		X			
	Scott Taylor	Township Planner		X			
	Chris Noll	Township Engineer		X			
	Richard Falasco	Construction Official		X			X
	Ryan Hofmann	OEM Deputy Coordinator		X			
	George Jackson	OEM Deputy Coordinator		X			
	Arthur Waterman	Police Chief		X			
	Thomas Czerniecki	Township Manager		X			
Dawn Bielec	Municipal Clerk		X				
Medford Lakes (B)	Dr. Robert Burton	Borough Manager		X	X		
	Franis J. Babinchock	OEM Coordinator		X			
	Mark J. McIntosh	OEM Deputy Coordinator		X		X	
	Tom Boyd	Construction Official		X			X
	Dayna Welsh	Assistant Clerk		X			
	Dr. Gary A. Miller	Mayor		X			
	Jeremy Noll	Engineer		X			
	Joseph Augustyn	Planner		X			
	David Crane	Code Enforcement Official		X			
	Mark Witczack	Public Works Manager		X			
Moorestown (Twp)	James Carruthers	OEM Coordinator	X	X	X		
	Kevin Abernant	Township Manager		X		X	



Organization	Name	Title	Steering Committee Member	Planning Partnership Member	Primary Point of Contact	Alternate Point of Contact	NFIP Administrator
	Don Lloyd	Director of Public Works		X			
	Jordan Webster	Deputy Director of Public Works		X			
	Joseph LaRocca	Construction Official		X			X
	Hugh Dougherty	Township Engineer		X			
	Nicole Gillespie	Mayor		X			
	Patricia Hunt	Township Clerk		X			
	Joan Ponessa	Environmental Advisory Committee Chair		X			
Mount Laurel (Twp)	Christopher Burnett	OEM Deputy Coordinator		X			
	Stephen Riedener	OEM Deputy Coordinator		X			
	Jay Appleton	OEM Coordinator		X	X		
	Douglass Dickel	OEM Deputy Coordinator		X		X	
	William Long	Township Engineer		X			X
	Chris Dochney	Township Planning Consultant		X			
	Kevin Bagnell	Assistant Construction Official, Building Subcode Official		X			
	Pamela Carolan	Executive Director, Mount Laurel Township MUA		X			
	Alan Pine	Fire Chief		X			
	Jerry Mascia	Deputy Manager/DPW Superintendent		X			
	Meredith Riculfy	Township Manager/Township Clerk		X			
	Judy Lynn Schiavone	Police Chief		X			
	Robert Gates	Construction Official		X			
New Hanover (Twp)	Patrick Murphy	OEM Deputy Coordinator		X			
	Kyle Tuliano	OEM Deputy Coordinator		X	X		
	Joe Hirsh	Engineer		X		X	X
	Dena Kaiser	Technical Assistant to the Construction Official		X			
	Paul Peterla	Mayor					
	Susan Jackson	Township Clerk					
North Hanover (Twp)	Richard Mellor	EMC/Police		X	X		
	Brendan O'Donnell	Deputy Mayor		X			
	Mary Picariello	Township Clerk		X			
	Jef Jones	Construction Official		X			
	Ronald DeBaecke	Mayor		X			
	Joseph Hirsh	Township Planner		X			
	Joseph Hirsh	Township Engineer		X			



Organization	Name	Title	Steering Committee Member	Planning Partnership Member	Primary Point of Contact	Alternate Point of Contact	NFIP Administrator
	Benjamin Palombi	Deputy EMC		X		X	
	Alexandra DeGood	Zoning Officer		X			X
Palmyra (B)	Ronald Lindemuth	OEM Coordinator		X	X		
	Tracy Kilmer	OEM Deputy Coordinator, Construction Official		X		X	X
	John Skowronski	OEM Deputy Coordinator		X			
	Richard Dreby	OEM Deputy Coordinator		X			
	William Kirchner	Municipal Engineer		X			
	Dave Gerkens	Municipal Planner		X			
	Al Berg	Public Works Foreman		X			
	John Gural	Administrator		X			
	Frank Billingiere	Code Enforcement Officer		X			
	Doretha R. Jackson	Municipal Clerk		X			
	Joe Murphy	Police Lieutenant		X			
	Gina Ragomo Tait	Mayor		X			
Pemberton (B)	Chad Bozoski	OEM Coordinator		X	X		
	Matthew Wilson	OEM Deputy Coordinator		X			
	Kathy Smick	Municipal Clerk		X		X	
	Edward Hunter	Chief of Police		X			
	Terry Jerome	Councilman		X			
	Herold Griffin	Mayor		X			
	Steve Phillips	Public Works Superintendent		X			
	Jim Mullan	Engineer/Planner		X			
	Hugh Dougherty	Engineer		X			
	Harry Case	Construction Official		X			X
Pemberton (Twp)	Craig L. Augustoni	OEM Coordinator		X	X		
	Michele Brown	Assistant to Mayor		X		X	
	Amy Cosnoski	Township Clerk		X			
	Rosemary Flaherty	Community Development Director		X			X
	Daniel Hornickel	Township Business Administrator		X			
	Tom McNaughton	Director of Public Works		X			
Adam Gee	Construction Official		X				



Organization	Name	Title	Steering Committee Member	Planning Partnership Member	Primary Point of Contact	Alternate Point of Contact	NFIP Administrator
Riverside (Twp)	Mark Herrmann	Township Engineer		X			
	Mark Remsa	Township Planner		X			
	George Conard Jr.	OEM Coordinator		X			
	Meghan Jack	Township Administrator		X	X		X
	Susan Dydek	Clerk		X		X	
	Hugh McCurley	Construction Code Official/Building Subcode Official, Building Inspector, Zoning Officer		X			
	Andrew Holt	Public Works Coordinator		X			
	Hugh Dougherty	Township Engineer		X			
	Kenneth Shine	Assistant Engineer		X			
	Kevin Johnson	Code Enforcement		X			
	Ed Fox	Township Planner		X			
	Rakesh Darji	Assistant Planner		X			
	Corey Kimble	Mayor		X			
Dave Jaensch	Police Chief		X				
Riverton (B)	Andrew Beuschel	OEM Coordinator		X	X		
	Keith Adams	Public Works Manager		X		X	
	Bill Long	Borough Engineer		X			
	Michelle Taylor	Borough Planner		X			
	Jim Quinn	Mayor		X			
	Roger Fort	Construction Official		X			X
	Michelle Hack	Municipal Clerk		X			
Shamong (Twp)	Vincent Coniglione	Code Enforcement/Police Department		X			
	John Lyons	OEM Coordinator		X	X		
	William Carrig	OEM Deputy Coordinator		X			
	Joseph Reinhart	OEM Deputy Coordinator		X			
	Ed Toussaint	Code Official		X			
	Mike DiCroce	Mayor		X			
	Gary Welsh	DPW Supervisor		X			
	Susan Onorato	Twp Administrator		X		X	
	Joe Hirsh	Engineer		X			X
Southampton (Twp)	Anthony R. Lopez	Assistant Engineer		X			
	Eamonn Fitzpatrick-Ruth	OEM Coordinator		X	X		
	Donna Fascenda	Administrative Assistant, Grant Writer		X		X	
	Michael Mikulski	Mayor		X			
	Cliff Spencer	Code Enforcement		X			



Organization	Name	Title	Steering Committee Member	Planning Partnership Member	Primary Point of Contact	Alternate Point of Contact	NFIP Administrator
	Kathleen D. Hoffman	Administrator/Clerk		X			
	Ryan Hagerthey	Public Works Supervisor		X			
	Ed Fox	Engineer		X			
	William Long	Township Engineer		X			
	Joseph Collis	OEM Deputy Coordinator		X			
	Keith Harrison	OEM Deputy Coordinator		X			
	Scott Mitchell	Fire Chief		X			
	Tom Boyd	Construction Official		X			X
Springfield (Twp)	Eric Trout	OEM Coordinator	X	X			
	Brandy C. Boyington	Acting Township Clerk		X	X		
	James Mazzo	Construction Official		X			X
	Kristen Lippencott	Deputy Manager		X		X	
	Chris Noll	Township Engineer		X			
	Leah Furey Bruder	Township Planner		X			
	David Frank	Mayor	X	X			
	Andrew Eaton	Deputy Mayor	X	X			
Tabernacle (Twp)	John T. Harbourt	OEM Coordinator		X	X		
	Phyllis Worrel	Deputy OEM Coordinator		X			
	Kevin Worrell	Director of Public Works		X			
	Thomas Leisse	Township Engineer		X			
	Tom Boyd	Construction Code Official		X			X
	Maryalice Brown	Clerk		X		X	
Washington (Twp)	David Simpson	OEM Coordinator		X	X		
	Craig Farnsworth	OEM Deputy Coordinator		X			
	Ebb Alexander	OEM Deputy Coordinator		X		X	
	Kevin Dixon	Engineer/Floodplain Manager		X			X
	Marie Reese	Construction Official		X			
	Larry Priest	Road Supervisor		X			
	Leigh Gadd	Mayor		X			
	Robert Henchy	Code Enforcement		X			
	Lisa Hand	Township Clerk		X			
	Karen Bacon	Deputy Township Clerk		X			
Willingboro (Twp)	Wayne J. Comegno	OEM Deputy Coordinator		X			
	John T. Carroll Jr.	OEM Coordinator		X			
	Brian D. Wood Sr.	OEM Deputy Coordinator		X			



Organization	Name	Title	Steering Committee Member	Planning Partnership Member	Primary Point of Contact	Alternate Point of Contact	NFIP Administrator
	John T. Carroll III	OEM Deputy Coordinator		X			
	Rose A. Lunstead	OEM Deputy Coordinator		X			
	Jim Anderson	OEM Deputy Coordinator		X			
	Richard Wilson III	DPW Asst. Supervisor		X	X		
	Richard Brevogel	DPW Consultant		X		X	
	Hugh J. Dougherty	Township Engineer		X			
	Kenneth Shine	Assistant Engineer		X			
	Steve Buchhofer	Construction Official		X			
	Dwayne Harris	Township Manager		X			X
	Dennis Tunstall	Inspections Director		X			
	Marvin Harris	Public Works Director		X			
	Everett Falt	Township Clerk		X			
Woodland (Twp)	Michael Huber	OEM Coordinator		X	X		
	William DeGross	Mayor		X			
	Tom Lisse	Engineer		X			X
	Maryalice Brown	Clerk		X		X	
	Tom Boyd	Construction Official		X			
	Fred Arnwine	Supervisor of Roads		X			
Wrightstown (B)	Donald Cottrell	OEM Coordinator		X		X	
	James Ingling	OEM Deputy Coordinator		X	X		
	Freda Gorman	Municipal Clerk		X			
	Dave Smith	Borough Maintenance Department		X			
	Malvika Apte	Joint Land Use Board Planner		X			
	Kris Kluk	Borough Engineer		X			
	Harry Case	Construction Official		X			X
	Kittina Wallrath	Wrightstown MUA Certifying Officer		X			
Elizabeth MacLennan	Technical Assistant to the Construction Official		X				
American Water	Gary Gehringer	Environmental Program Lead	X	X			
Bordentown Regional School District	Dr. Trudy Atkins	Superintendent	X	X			
Burlington City Public Schools	Dr. James Flynn	Director of Planning/Research and Evaluation, Operations, and State & Federal	X	X			



Organization	Name	Title	Steering Committee Member	Planning Partnership Member	Primary Point of Contact	Alternate Point of Contact	NFIP Administrator
		Programs, School Safety Specialist					
Burlington County Bridge Commission	Mike Ott	Project Manager / Engineer	X	X			
Burlington Township School District	Lauren Riedinger	Vice Principal	X	X			
Holy Cross Preparatory Academy	David Moffa	Principal	X	X			
Northern Burlington County Regular School District	Matthew Konowicz	Director of Instruction for Agriscience, Applied Technology, Business & Technology, Visual & Performing Arts	X	X			
Rowan College Burlington County Public Safety	Andrew Eaton	Director of Public Safety	X	X			
Burlington County Institute of Technology	Joe Venuto	Principal, Westampton Campus	X	X			

Note: Organization codes: (B) = Borough; (C) = City; (Twp) = Township

2.2.3 Steering Committee

A Steering Committee was formed to provide guidance and direction to the HMP update effort, and to ensure that the resulting document will be embraced by local government leaders as well as all who live and work within the planning area. The Steering Committee provided guidance, leadership, and oversight of the planning process. They attended regular meetings and assisted in elements of the HMP planning process such as identifying hazards of concern, developing a public outreach program, reviewing plan goals and objectives, and screening mitigation strategies. Table 2-1 lists the members of the Steering Committee.

2.2.4 Planning Activities

Members of the Planning Partnership, as well as key stakeholders, convened or communicated regularly to share information and participate in workshops to identify hazards, assess risks, review existing inventories of critical facilities, identify new critical facilities, assist in updating mitigation goals and strategies, and provide continuity through the process to ensure that hazard vulnerability information and appropriate mitigation strategies were incorporated. All members of the Planning Partnership and



Steering Committee had the opportunity to review the draft plan, support interaction with other stakeholders, and assist with public involvement efforts.

A summary of meetings held and key milestones met during the development of the HMP update is included in Table 2-2, which also identifies which federal requirements for hazard mitigation planning each activity satisfied. Documentation of meetings (e.g., agendas, sign-in sheets, meeting notes) are in Appendix C (Meeting Documentation). Table 2-2 identifies only the formal meetings held during plan development and does not reflect all planning activities conducted by individuals and groups throughout the planning process. In addition to these meetings, there was a great deal of communication between Burlington County, committee members, and the contract consultant through individual local meetings, email, and phone.

Table 2-2. Summary of Mitigation Planning Activities / Efforts

44 CFR 201		Description of Activity	Participants
Date	Requirement		
June 20, 2023	2	<u>Pre-Kickoff Meeting with Burlington County</u> : Discuss plan timing and administration, data needs and sharing, hazards of concern, dates, and next steps	Burlington County Division of Emergency Management, Tetra Tech
August 22, 2023	2	<u>Steering Committee Meeting #1</u> : Introduce the Steering Committee members and contract consultant, provide an overview of the hazard mitigation planning process, identify the 2024 hazards of concern, discuss potential changes to the plan’s goals and objectives, identify socially vulnerable populations/ underserved communities, and begin the information gathering processes.	Burlington County Division of Emergency Management, Burlington County Administration, Burlington County Department of Health, Burlington County Department of Public Information, Burlington County Department of Public Works, Burlington County Department of Resource Conservation, Burlington County Division of GIS, Burlington County Division of Solid Waste, Burlington County Department of Information Technology, Eastampton (Twp), Mansfield (Twp), Maple Shade (Twp), Moorestown (Twp), Springfield (Twp), American Water, Bordentown Regional School District, Burlington City Public Schools, Burlington Township School District, Holy Cross Preparatory Academy, Northern Burlington County Regular School District, Rowan College Burlington County Public Safety, New Jersey Office of Emergency Management, Tetra Tech
August 29, 2023	2, 3c, 4a	<u>Planning Partnership Meeting #1</u> : Introduce the Planning Partnership and contract consultant, provide an overview of the hazard mitigation planning process, and begin the information gathering processes and update of the hazards of concern. The Partnership was also asked to identify socially vulnerable populations/ underserved communities.	Burlington County Division of Emergency Management, Burlington County Administration, Burlington County Department of Public Information, Beverly (C), Bordentown (C), Bordentown (Twp), Burlington (C), Burlington (Twp), Chesterfield (Twp), Cinnaminson (Twp), Delanco (Twp), Eastampton (Twp), Edgewater Park (Twp), Evesham (Twp), Florence (Twp), Hainesport (Twp), Lumberton (Twp), Medford Lakes (B), Moorestown (Twp), Mt. Laurel (Twp), Palmyra (B), Pemberton (Twp), Riverside (Twp), Riverton (B), Shamong (Twp), Southampton (Twp), Tabernacle (Twp), Westampton (Twp), Willingboro (Twp), Wrightstown (B), New Jersey Office of Emergency Management, Tetra Tech



44 CFR 201			
Date	Requirement	Description of Activity	Participants
October 24, 2023	2, 3b, 3c, 3d, 3e, 4b	<u>Steering Committee Meeting #3:</u> Provide an overview of the hazard mitigation planning process, discuss public and stakeholder outreach efforts, review the risk assessment results, including the hazard ranking, and introduce the SWOO exercise (strengths, weaknesses, obstacles, and opportunities) to the Steering Committee. Instructions were given to consider socially vulnerable populations and underserved communities when completing the SWOO.	Burlington County Division of Emergency Management, Burlington County Department of Health, Burlington County Department of Public Information, Burlington County Department of Public Works, Burlington County Division of GIS, Burlington County Division of Solid Waste, Eastampton (Twp), Mansfield (Twp), Moorestown (Twp), Springfield (Twp), American Water, Bordentown Regional School District, Holy Cross Preparatory Academy, FEMA Region 2, New Jersey Office of Emergency Management, Northern Burlington County Regular School District, Rowan College Burlington County Public Safety, Burlington County Institute of Technology, Tetra Tech
October 30, 2023	2, 3c, 3d, 3e, 4a, 4b	<u>Planning Partnership Risk Assessment Meeting:</u> Discuss in-kind tracking, project report and status review, public and stakeholder outreach, risk assessment overview, schedule, next steps	Burlington County Division of Emergency Management, FEMA Region 2, Beverly (C), Bordentown (C), Burlington (C), Burlington (Twp), Chesterfield (Twp), Delanco (Twp), Delran (Twp), Eastampton (Twp), Edgewater Park (Twp), Evesham (Twp), Florence (Twp), Lumberton (Twp), Medford (Twp), Moorestown (Twp), Mount Holly (Twp), Mount Laurel (Twp), New Hanover (Twp), Palmyra (B), Pemberton (Twp), Riverton (B), Shamong (Twp), Southampton (Twp), Woodland (Twp), Wrightstown (Twp), Tetra Tech
October 30, 2023	2, 3c, 3d, 3e, 4a, 4b	<u>Mitigation Strategy Workshop:</u> Discuss in-kind tracking, project report and status review, mitigation strategy, schedule, next steps	Burlington County Division of Emergency Management, FEMA Region 2, Beverly (C), Bordentown (C), Burlington (C), Burlington (Twp), Chesterfield (Twp), Delanco (Twp), Delran (Twp), Eastampton (Twp), Edgewater Park (Twp), Evesham (Twp), Florence (Twp), Lumberton (Twp), Medford (Twp), Moorestown (Twp), Mount Holly (Twp), Mount Laurel (Twp), New Hanover (Twp), Palmyra (B), Pemberton (Twp), Riverton (B), Shamong (Twp), Southampton (Twp), Woodland (Twp), Wrightstown (Twp), Tetra Tech
November 9, 2023	1b, 2	<u>Public Risk Assessment Meeting:</u> Provide the public with an overview of the hazard mitigation planning process, present the preliminary results of the risk assessment, and encourage public input and participation. The meeting was recorded and posted on the public project website for those that were unable to attend.	Burlington County Division of Emergency Management, members of the public, Tetra Tech
February 15, 2024	2	<u>Draft Plan Review Presentation:</u> Present an overview of entire plan and sections; confirm plan maintenance schedule	Burlington County Division of Emergency Management, Burlington County Department of Health, Burlington County Division of GIS, Mansfield (Twp), Moorestown (Twp), Springfield (Twp), Burlington County High School, New Jersey Office of Emergency Management, Northern Burlington County Regular School District, Rowan College Burlington County Public Safety, Tetra Tech



44 CFR 201			
Date	Requirement	Description of Activity	Participants
February 20, 2024	1b, 2	<u>Public Draft Plan Review Presentation:</u> Provide an opportunity for the public to comment on the draft 2024 Burlington County HMP, review the FEMA Approval Process, and address any questions or comments.	Burlington County Division of Emergency Management, Public and Stakeholders, Bordentown (C), Burlington (C), Chesterfield (Twp), Cinnaminson (Twp), Delanco (Twp), Lumberton (Twp), Mansfield (Twp), Medford (Twp), Medford Lakes (B), Moorestown (Twp), Palmyra (B), Riverside (Twp), Shamong (Twp), Southampton (Twp), Westampton (Twp), Willingboro (Twp), Wrightstown (B), New Jersey Office of Emergency Management, Tetra Tech
February 20, 2024	1b, 2	Draft HMP posted to public project website; all Planning Partners were notified and asked to assist with the public outreach including social media. Neighboring communities and stakeholders were notified of the posting as well.	Burlington County Division of Emergency Management, Public and Stakeholders, Planning Partnership
April 2024	2	HMP submitted to NJOEM	NJOEM
July 2024	2	HMP submitted to FEMA Region 2	FEMA Region 2
Upon plan approval by FEMA	1a	Plan adoption by resolution by the governing bodies of all participating jurisdictions	All Planning Partners

TBD = to be determined.

Numbers in column 2 identify specific federal requirements, as follows:

- 1a – Prerequisite – Adoption by the Local Governing Body
- 1b – Public Participation
- 2 – Planning Process – Documentation of the Planning Process
- 3a – Risk Assessment – Identifying Hazards
- 3b – Risk Assessment – Profiling Hazard Events
- 3c – Risk Assessment – Assessing Vulnerability: Identifying Assets
- 3d – Risk Assessment – Assessing Vulnerability: Estimating Potential Losses
- 3e – Risk Assessment – Assessing Vulnerability: Analyzing Development Trends
- 4a – Mitigation Strategy – Local Hazard Mitigation Goals
- 4b – Mitigation Strategy – Identification and Analysis of Mitigation Measures
- 4c – Mitigation Strategy – Implementation of Mitigation Measures
- 5a – Plan Maintenance Procedures – Monitoring, Evaluating, and Updating the Plan
- 5b – Plan Maintenance Procedures – Implementation through Existing Programs
- 5c – Plan Maintenance Procedures – Continued Public Involvement

2.3 STAKEHOLDER OUTREACH AND INVOLVEMENT

Stakeholders are the individuals, agencies, and jurisdictions that have a vested interest in the recommendations of the HMP, including all Planning Partners. Diligent efforts were made to ensure broad regional, county, and local representation in this planning process. To that end, a comprehensive list of stakeholders was developed with the support of the Planning Partnership. Stakeholder outreach began early in the planning process, and formal and informal outreach efforts by the many Planning Partners involved in the effort continued throughout the process:



- All Planning Partnership meetings were open to the public and advertised via the Planning Partnership’s HMP website (<https://www.burlingtoncountynjhmp.com>).
- The Planning Partners were provided with outreach materials to post on their websites and social media platforms, along with printed materials to distribute.
- A stakeholder survey and neighbor survey collected input regarding vulnerabilities, capabilities, and mitigation projects.
- The draft plan was posted on the Burlington County HMP website and advertised using social media platforms.
- Email correspondence was sent to regional stakeholders and neighboring communities asking them to review the draft HMP and provide input.

This HMP update includes information and input provided by these stakeholders where appropriate, as identified in the references. This subsection lists stakeholders that were invited to participate in the development of this HMP update, and how these stakeholders participated and contributed. This is only a summary of the many stakeholders that were aware of and/or contributed to this HMP update, demonstrating the breadth of the stakeholder outreach efforts made during the plan update process.

2.3.1 Federal, State, and County Agencies

The following describes the various departments and agencies that were involved during the planning process. Appendix B (Participation Documentation) provides further details regarding government agency participation. All responses to the stakeholder surveys may be found in Appendix D (Outreach).

Federal Agencies

FEMA Region 2: Provided updated planning guidance and conducted plan review.

Information regarding hazard identification and the risk assessment for this plan update was requested and received or incorporated by reference from the following agencies and organizations:

- | | |
|--|--|
| ▪ National Climatic Data Center (NCDC) | ▪ U.S. Census Bureau |
| ▪ National Hurricane Center (NHC) | ▪ U.S. Department of Agriculture (USDA) |
| ▪ National Oceanic and Atmospheric Administration (NOAA) | ▪ U.S. Department of Health and Human Services |
| ▪ National Weather Service (NWS) | ▪ U.S. Environmental Protection Agency (EPA) |
| ▪ Storm Prediction Center (SPC) | ▪ U.S. Geological Survey (USGS) |
| ▪ U.S. Army Corps of Engineers (USACE) | |

State Agencies

New Jersey Office of Emergency Management (NJOEM): Administered the planning grant, provided updated planning guidance, and provided review of the draft HMP update.



The following state agencies were invited to take the stakeholder survey and provide input to the planning process:

- New Jersey Pinelands Commission
- New Jersey Department of Environmental Protection
 - Watershed and Land Management
 - Dam Safety
 - Flood
- State Park Service

County Agencies and Departments

Several Burlington County agencies and departments were represented in the Planning Partnership and involved in the HMP update planning process:

- | | |
|---|--|
| ▪ Burlington County Administration | ▪ Burlington County Division of Emergency Management |
| ▪ Burlington County Agriculture Development Board | ▪ Burlington County Division of GIS |
| ▪ Burlington County Department of Health | ▪ Burlington County Division of Solid Waste |
| ▪ Burlington County Department of Public Information | ▪ Burlington County Department of Information Technology |
| ▪ Burlington County Department of Public Works | ▪ Burlington County Planning Board |
| ▪ Burlington County Department of Resource Conservation | ▪ Burlington County Stormwater Management Committee |

Refer to Section 5 (Capability Assessment) for details on each department, their roles during the HMP update, and their overall responsibilities in the Planning Area.

2.3.2 Regional and Local Stakeholders

All Planning Partnership meetings were announced on the HMP project website and posted on social media to invite residents and stakeholders. In addition, Planning Partnership representatives emailed regional and local stakeholders requesting their participation in stakeholder sector-specific surveys to provide input on vulnerable assets, capabilities, and current/potential future mitigation projects. These stakeholders also were invited to provide input on the draft HMP.

Appendix C (Participation Documentation) provides further details regarding regional and local stakeholder agency attendance at meetings. Appendix D includes details on the public and stakeholder outreach, including responses received to the surveys.



Academia

Schools, universities, and other academic institutions were invited to attend planning process meetings and asked to complete the stakeholder survey:

- Bordentown Regional School District
- Burlington City Public Schools
- Burlington Township School District
- Holy Cross Preparatory Academy
- Northern Burlington County Regular School District
- Rowan College at Burlington County
- Burlington County Institute of Technology

The following provided input during the process:

- Burlington County Superintendent of Schools: Completed the stakeholder survey

Business, Commercial, and Non-Profit Interests

The following businesses, commercial industries, and non-profits in the Planning Area were invited to take the stakeholder survey and provide input to the planning process:

- AECOM
- American Legion
- American Red Cross of Southern New Jersey
- Boy Scouts of America, Garden State Council
- Burlington County Regional Chamber of Commerce
- Cross County Connections
- Delaware River Basin Commission
- Delaware Valley Regional Planning Commission (DVRPC)
- Food Bank of South Jersey
- Girl Scouts of Central & Southern NJ (GSCSNJ)
- Jacques Cousteau National Estuarine Research Reserve (JC NERR)
- McCollister's Transportation Group Inc.
- NJ Future
- Sustainable Jersey

The American Red Cross of Southern New Jersey completed the stakeholder survey. The American Red Cross of Southern New Jersey provides support during disasters by providing assistance to those in need.

Emergency Services

All municipalities invited their local emergency service providers (police, fire, and EMS) to take the stakeholder survey and provide input to the planning process. In addition, the following county and



regional emergency service providers were invited to take the stakeholder survey and provide input to the planning process:

- American Red Cross of Southern New Jersey
- Burlington County Animal Response Team
- Burlington County Community Emergency Response Team
- Burlington County Volunteer Organizations Active in Disasters (VOAD)/Community Organizations Active in Disasters (COAD)

The following emergency service providers completed the stakeholder survey:

- Beverly City Fire District
- Beverly City Public Safety
- Delanco Township Fire Department
- Delanco Township Police Department
- Evesham Township Fire District
- Evesham Township Office of Emergency Services
- Mount Laurel Fire Department
- Vincent Fire Company

The following emergency service providers provided input during the annex development:

- Mansfield Township Fire Department
- Riverton Borough Police Department
- Delran Township Fire Department
- Edgewater Park Township Police Department
- Evesham Township Fire District
- Evesham Township EMS
- Mansfield Township Fire Department
- New Hanover Township Police Department
- North Hanover Township Police Department
- Pemberton Borough Fire Department
- Pemberton Township Fire Department
- Westampton Township Police Department

Healthcare

Healthcare facilities and providers located in the Planning Area were invited to take the stakeholder survey and provide input to the planning process, including:

- Buttonwood Behavioral Health Hospital
- Kessler Institute for Rehabilitation
- Virtua Health – Virtua Marlton



- Virtua Health – Virtua Willingboro Hospital
- Virtua Memorial Hospital of Burlington County

Transportation

County and local highway and public works departments were notified of the stakeholder survey and invited to provide input on the draft HMP. Additional transportation stakeholders invited to take the stakeholder survey and provide input included the following:

- Burlington County Bridge Commission
- BurLINK Bus System
- Delaware Valley Regional Planning Commission
- NJ DOT
- NJ TRANSIT
- SEN HAN Transit
- South Jersey Transportation Authority

Responses were received from the following agencies and incorporated into municipal annexes:

- Beverly City Public Safety
- Delanco Township Public Works
- Medford Township Public Works

Utilities

Utility providers in the Planning Area were invited to take the stakeholder survey and provide input to the planning process, including the following:

- NJ American Water
- PSE&G
- Municipal utility providers

Wrightstown Municipal Utilities Authority noted support for socially vulnerable communities. Edgewater Park Sewerage noted prior impacts from Superstorm Sandy and concerns with lightning from severe weather events impacting services. This input was incorporated into the corresponding municipal annexes.

Adjacent Counties and Municipalities

Burlington County conducted outreach to keep the counties and surrounding municipalities apprised of the project, invite jurisdictions to take the neighboring community survey, and allow the opportunity to provide input to this planning process. This included direct outreach to every municipality bordering Burlington County (including those across the Delaware River in Pennsylvania) and the following:

- Atlantic County (NJ) Office of Emergency Management



- Bucks County (PA) Emergency Management Agency
- Camden County (NJ) Office of Emergency Management
- Mercer County (NJ) Office of Emergency Management
- Monmouth County (NJ) Division of Emergency Management
- Ocean County (NJ) Office of Emergency Management
- Philadelphia County (PA) Office of Emergency Management

Other Stakeholders

Dam Operators

Agencies that were identified as the owner of one or more high hazard potential dams located in Burlington County were requested to assist in the development of the HMP by answering the following questions:

- Do you have information, data, or resources you would like to provide the County regarding concerns with your dam's risk of failure as a result of deficiencies or exposure to hazards such as flooding, geologic impacts, and severe storms?
- Do you have concerns with the safety of your dam due to changing climate conditions?
- Are there any concerns with your emergency action plan including warning time, evacuation needs, etc.?
- Have you recently started/completed any repairs/improvements to your dam?
- Do you have any potential mitigation actions (planning, structure and infrastructure, education and outreach, natural system, etc.) that would involve your dam that should be considered for inclusion in the HMP mitigation strategy?

One response was received from the Burlington County Parks Department regarding the Smithville Dam. The Parks Department noted that there are no current concerns surrounding the dam's risk of failure, dam safety, warning time, or evacuation needs. There have been no repairs made to the dam, just minor maintenance. No mitigation actions were identified by the Parks Department for the Smithville Dam.

Military Installations

Burlington County asked representatives of Joint Base McGuire-Dix-Lakehurst to take the stakeholder survey and provide input to the planning process.

Socially Vulnerable Populations and Underserved Communities

The Steering Committee and Planning Partnership were asked to consider socially vulnerable populations and underserved communities throughout the planning process. During the kickoff meetings for the Steering Committee and Planning Partnership, the following populations and communities were identified:

- Individuals 65 years of age or older



- Individuals 5 years of age or younger
- Non-English speaking individuals
- Individuals with a disability
- Individuals below the poverty level

Noting that households can still struggle financially despite being above the poverty threshold, the Steering Committee identified households that are above the federal poverty level but earn less than the cost of living as socially vulnerable as well.

Each Burlington County Department was asked to identify personnel who interact with the above mentioned socially vulnerable populations and underserved communities in the County. Information was requested to identify the needs of these communities, how information is distributed to the populations, and any actions which could be taken to help socially vulnerable populations become more resilient to natural hazards. County Departments that work closely with socially vulnerable populations and underserved communities include:

- Burlington County Animal Response Team
- Burlington County Community Emergency Response Team
- Burlington County Health Department
- Burlington County Human Services
- Burlington County Sheriff's Department
- Burlington County Volunteer Organizations Active in Disasters (VOAD)/Community Organizations Active in Disasters (COAD)

Municipal departments such as emergency management and public works were also asked if and how they support socially vulnerable populations and underserved communities. In addition, the following non-governmental groups and agencies that provide support to and work with socially vulnerable populations and underserved communities were invited to complete a stakeholder survey and review the draft plan:

- American Legion
- American Red Cross of Southern New Jersey
- Boy Scouts of America, Garden State Council
- Catholic Charities
- Food Bank of South Jersey
- Girl Scouts of Central & Southern NJ (GSCSNJ)

All of the above departments, agencies, and organizations were asked how they support socially vulnerable populations and underserved communities and what potential risks to these groups should be considered in the HMP and potentially addressed through mitigation actions. The following input was received from groups that work with socially vulnerable populations and underserved communities.



- Beverly City Public Safety noted that it supports an overburdened community with a large senior population, limited English proficiency, and economically disadvantaged individuals and families. Support includes providing resources for information and providing assistance for the most vulnerable and those impacted during and after hazard events.
- Medford Township Public Works noted that it supports neighborhoods that house senior citizens, apartments, and townhouses that have been identified as needing additional assistance during and after hazard events.
- The Wrightstown Municipal Utilities Authority noted that it helps customers contact the state to apply for assistance programs and support water testing for underserved communities.
- The Mount Laurel Fire Department noted that it provides emergency services and community outreach services for socially vulnerable populations.
- The American Red Cross of Southern New Jersey noted it is trained to assist all individuals, especially those who are considered vulnerable during and after disasters.
- The Vincent Fire Company, which services the Township of Southampton, noted it is aware of the location of socially vulnerable populations that would need additional assistance during disaster events.

All members of the Planning Partnership were provided with a brochure on the HMP update and asked to post it in facilities with high traffic of the public, including socially vulnerable populations, in an attempt to conduct outreach to individuals that do not have access to online surveys.

When the HMP was posted for public review, all of the aforementioned groups that work with socially vulnerable populations and underserved communities were notified of the public posting and opportunities for public input and asked to help publicize the public review period with their constituents and socially vulnerable populations and underserved communities that they work with.

Stakeholder Survey

The survey was designed to help identify general needs for hazard mitigation and resiliency within Burlington County from stakeholders' perspective, as well as to identify specific projects that may be included in the mitigation plan. It was distributed beginning in October 2023 to identified stakeholders, including county and municipal departments and agencies. As of May 3, 2024, 16 stakeholders completed the survey, representing the following sectors: academic/research, community-based organizations, emergency services, hospitals/medical services, non-profit organizations, public works, and utility providers. A large homeowners association also completed the survey. The following provides a summary of responses. For complete survey results, refer to Appendix D (Public and Stakeholder Outreach).

A majority of respondents (47 percent) indicated that they provide emergency services within the County, followed by public works and utility providers (13 percent each), then academia, community-based organizations, and non-profit organizations (7 percent each).



Fifty-seven percent of respondents indicated that they work with or help support socially vulnerable populations. This includes interacting with senior citizens, those with limited English proficiency, and those with financial challenges. Support includes education and outreach, assistance with applying to support programs, and emergency response.

Sixty-seven percent of respondents stated that their buildings/facilities/structures have been impacted by a hazard event, including flooding, high winds, and lightning.

A majority of respondents (82 percent) stated that response capabilities are their primary concern regarding hazards, followed by likelihood of specific hazard events (55 percent), and vulnerability of specific facilities (45 percent). Respondents identified different capabilities they have to help Burlington County and its residents address hazards, primarily focused on disaster and emergency response services.

Neighbor Survey

The neighbor survey was sent to municipalities and counties surrounding Burlington County. Due to their proximity, effects of hazard events that impact the Planning Area would be similar to those of their neighbors. As of May 3, 2024, eight responses were received, representing Bristol Township and Fall Township in Bucks County, PA; Berlin Township and Cherry Hill Township in Camden County, NJ; Lacey Township and Manchester Township in Ocean County, NJ; and the City of Philadelphia, PA. The following provides a summary of responses.

- Fifty percent of respondents noted that shared service or mutual aid agreements are in place between their jurisdiction and Burlington County municipalities for emergency staff for evacuations/disaster response.
- The majority of respondents (80 percent) noted that their jurisdiction has access to contact information for Burlington County's emergency operation centers.
- Respondents noted that information on emergency response operations are shared between their jurisdiction and Burlington County.
- Respondents noted the potential for future collaboration on emergency management operations and hazard mitigation, including a potential regional hazard mitigation workshop and establishing communication avenues for fire, EMS, and police across county and state boundaries.

For complete survey results, refer to Appendix D (Public and Stakeholder Outreach).

2.4 PUBLIC PARTICIPATION – PUBLIC INVOLVEMENT

2.4.1 Public Outreach Activities

Community input on the HMP will increase the likelihood of hazard mitigation becoming one of the standard considerations in the evolution and growth of the Planning Area. In order to facilitate better coordination and communication between the Planning Partnership and citizens and to involve the public in the planning process, meeting dates and locations were made available to the public via the Burlington



County HMP website (<https://www.burlingtoncountynjhmp.com>) and social media. The draft HMP also was made available on the Burlington County HMP website. The Planning Partnership made the following efforts toward public participation in the development and review of the HMP:

- A dedicated website was created for this project (<https://www.burlingtoncountynjhmp.com>). The website went live in August 2023 and was continuously updated throughout the planning process. The public website contains a project overview, meeting announcements, draft documents for review and comment, and a link to the public and stakeholder surveys.
- An online StoryMap was developed to provide information regarding the hazard mitigation planning process and an opportunity for virtual public participation. (<https://bit.ly/49BPC8o>).
- All hazard mitigation Planning Partnership meetings that were open to the public were advertised on the Burlington HMP website and social media accounts (Facebook, Instagram, and Twitter).
- An online hazard preparedness public survey was developed to gauge household preparedness for hazards that may impact the Planning Area and to assess the level of knowledge of tools and techniques to assist in reducing risk and loss associated with those hazards. The survey asked quantifiable questions about citizen perception of risk, knowledge of mitigation, and support of community programs. It also asked demographic questions to help analyze trends. The survey was available on the HMP website from January 2023 through December 2023, and further advertised on additional Planning Partnership websites and on printed materials. Responses were collected and provided to Planning Partners for consideration in developing mitigation action (99 responses in total).
- Results from the hazard preparedness survey were used to inform the action plans of the Planning Partners. To address the most requested types of projects that residents wanted local and county agencies to be doing, many Planning Partners included actions to improve and strengthen infrastructure, improve the damage resistance of utilities, buy out flood-prone properties, improve protective structures, and provide greater control over development in high hazard areas.
- All Planning Partners were encouraged to advertise the availability of the project website, citizen survey and stakeholder surveys via local homepage links and other available public announcement methods (e.g., Facebook, Twitter, email blasts).
- A public meeting was held on November 9, 2023, to introduce the planning process, present the public with the results of the risk assessment, and ask for input on the plan. The meeting was recorded and posted on the planning project website for those that were unable to attend.
- Residents of the Planning Area were provided opportunity to comment on the draft HMP before submittal to FEMA. A public meeting was held on February 20, 2024, to present the draft plan, announce the draft plan review period, and ask for input from the public. The HMP was posted for review on the HMP public website on February 21, 2023. All Planning Partners were requested to assist with advertising the availability of the plan via their websites and social media. Public comments received through March 25, 2023, were distributed to the Planning Partners for their consideration.



Additional examples of public outreach efforts, and results of surveys distributed, are presented in Appendix D (Public and Stakeholder Outreach Documentation).

2.4.2 Public Survey Responses

The following is a summary of key responses to the online hazard preparedness public survey.

- Survey respondents indicated they were from the City of Beverly, Township of Bordentown, City of Burlington, Township of Burlington, Township of Cinnaminson, Township of Delanco, Township of Eastampton, Township of Edgewater Park, Township of Evesham, Township of Mansfield, Township of Maple Shade, Township of Medford, Township of Moorestown, Township of Mount Holly, Township of Mount Laurel, Township of Mount Holly, Township of Pemberton, Township of Shamong, and Township of Southampton.
- The majority of respondents have lived in Burlington County for over 20 years (54 percent), own their residence (94 percent), and live in a single-family home (85 percent).
- The majority of residents were over the age of 61 (47 percent).
- Three of the eight respondents who indicated their home is located in a floodplain reported that they do not have flood insurance.
- Most respondents (70 percent) indicated that they receive emergency information through the internet, followed by television news (67 percent) and then mass notification systems (61 percent).
- Twenty-two percent of respondents said their home has been damaged from a hazard event. Damage reported was related to hail, wind, flooding, and extreme temperature (heat and cold).

Information on problem areas and potential mitigation actions identified by respondents was provided to the applicable jurisdiction for consideration in mitigation strategy development. For complete survey results, refer to Appendix D (Public and Stakeholder Outreach).

2.4.3 Public Review Period

Burlington County hosted a public meeting on February 20, 2024, to provide the public with an update on the status of the planning process, discuss the structure of the updated HMP, and announce that the draft of the HMP was available for public review. Members of the Planning Partnership were asked to share information about the draft review period on their municipal websites and social media. The draft HMP was available on the project website for 35 days. No members of the public submitted comments.

2.5 INCORPORATION OF EXISTING PLANS, STUDIES, REPORTS, AND TECHNICAL INFORMATION

The Burlington County HMP uses the best available technical information, plans, studies, and reports to support hazard profiling; risk and vulnerability assessment; review and evaluation of mitigation capabilities; and the identification, development, and prioritization of mitigation strategies.



The asset and inventory data used for the risk and vulnerability assessments is presented in the County Profile (Section 3). Details of the source of this data, along with technical information on how the data was used to develop the risk and vulnerability assessment, is presented in Section 4.2 (Methodology and Tools) and throughout the hazard profiles in Section 4.3. Sources of technical data and information used are listed in the References section.

Plans, reports, and other technical information were identified and provided directly by the Planning Partnership or by stakeholders involved in the planning effort, as well as through independent research by the planning consultant. The Planning Partners were tasked with updating the inventory of their planning and regulatory capabilities in their jurisdictional annexes and providing relevant planning and regulatory documents, as applicable. Relevant documents, including plans, reports, and ordinances were reviewed to identify the following:

- Existing local and regional capabilities
- Needs and opportunities to develop or enhance capabilities, which may be identified as actions in the mitigation strategies
- Mitigation-related goals or objectives considered in the review and update of the overall goals and objectives in Section 6
- Proposed, in-progress, or potential mitigation projects, actions, and initiatives to be incorporated into the updated County and local mitigation strategies

The following regulations, codes, ordinances, and plans were reviewed during this process to develop mitigation planning goals, objectives, and strategies that are consistent across local and regional planning and regulatory mechanisms:

- Master/comprehensive plans
- Building codes
- Zoning and subdivision ordinances
- NFIP flood damage prevention ordinances
- Site plan requirements
- Stormwater management plans
- Emergency management and response plans
- Land use and open space plans
- Capital plans
- State of New Jersey Hazard Mitigation Plan (2019)
- Burlington County Hazard Mitigation Plan Update (2019)

2.6 INTEGRATION WITH EXISTING PLANNING MECHANISMS AND PROGRAMS

Effective mitigation is achieved when hazard awareness and risk management approaches and strategies become an integral part of public activities and decision-making. Within the Planning Area, there are many existing plans and programs that support hazard risk management, so it is critical that this HMP integrate, coordinate with, and complement those mechanisms.



Section 5 (Capability Assessment) provides a summary and description of the existing plans, programs, and regulatory mechanisms at all levels of government (federal, state, county, and local) that support hazard mitigation within the Planning Area. Within each annex in Volume II, the Planning Partners identified how they integrate hazard mitigation into their existing planning, regulatory, and operational/administrative framework (integration capabilities) and how they intend to promote this integration further (integration actions). A summary of the plan reviews indicating relevant goals and mitigation actions is provided in Appendix E. This information provided input to identify integration of mitigation concepts into the operations of the Planning Partners.

A further summary of these continued efforts to develop and promote a comprehensive and holistic approach to hazard risk management and mitigation is presented in Section 7 (Plan Maintenance).

2.7 CONTINUED PUBLIC INVOLVEMENT

Burlington County is committed to the continued involvement of the public in the hazard mitigation process. This HMP update will be made available for review on the HMP public website. Each jurisdiction's elected official shall be responsible for receiving, tracking, and filing public comments regarding this HMP update. Further details regarding continued public involvement are provided in Section 7 (Plan Maintenance).

After completion of this HMP update, implementation and ongoing maintenance will continue to be a function of the Planning Partnership. The Planning Partnership will review the plan and accept public comment as part of an annual review and as part of five-year mitigation plan updates. A designated HMP Coordinator will be responsible for coordinating an annual plan evaluation meeting, soliciting feedback, collecting, and reviewing comments, and ensuring their incorporation in the 5-year plan update as appropriate. Members of the Planning Partnership will assist the HMP Coordinator. Additional meetings may be held as deemed necessary to provide the public an opportunity to express concerns, opinions, and ideas about the HMP.

The public will have an opportunity to comment on the HMP update as a part of the annual mitigation planning evaluation process and the next five-year mitigation plan update. A notice regarding annual updates of the plan and the location of plan copies will be publicized after the annual plan evaluation meeting (refer to Section 7 – Plan Maintenance) and posted on the Burlington County HMP website at <https://co.burlington.nj.us/462/All-Hazards-Mitigation-Plan>.

Kristen Carr (Burlington County Deputy Emergency Management Coordinator) has been identified as the ongoing HMP Coordinator and is responsible for receiving, tracking, and filing public comments regarding this HMP update. Contact information is:

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