

# BURLINGTON COUNTY

## MULTI-JURISDICTIONAL ALL HAZARDS MITIGATION PLAN

### 2024 Update

### Volume III

*Prepared for:*  
*Burlington County Department of Public Safety*  
*1 Academy Drive, Westampton, NJ*

## September 2024



**TETRA TECH**





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## SECTION A. ADOPTION RESOLUTIONS

Burlington County adoption resolutions will be included in this appendix upon receipt of the Federal Emergency Management Agency (FEMA) Approval Pending Adoption (APA) status. This appendix also includes an example resolution to be submitted by Burlington County authorizing adoption of the Burlington County Hazard Mitigation Plan Update.



## Sample Resolution

(LOCAL GOVERNMENT, INCLUDING SPECIAL DISTRICTS), New Jersey

RESOLUTION NO. \_\_\_\_\_

### A RESOLUTION OF THE (LOCAL GOVERNMENT) ADOPTING THE 2024 BURLINGTON COUNTY HAZARD MITIGATION PLAN

WHEREAS the *(local governing body)* recognizes the threat that natural hazards pose to people and property within *(local government)*; and

WHEREAS the *(local government)* has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in *(local community)* from the impacts of future hazards and disasters; and

WHEREAS adoption by the *(local governing body)* demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

NOW THEREFORE, BE IT RESOLVED BY THE (LOCAL COMMUNITY), New Jersey, THAT:

Section 1. In accordance with *(local rule for adopting resolutions)*, the *(local governing body)* adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

ADOPTED by a vote of \_\_\_\_ in favor and \_\_\_\_ against, and \_\_\_\_ abstaining, this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

By: \_\_\_\_\_

(print name)

ATTEST: By: \_\_\_\_\_

(print name)

APPROVED AS TO FORM: By: \_\_\_\_\_

(print name)





# Letters of Intent to Participate



# **BASS RIVER TOWNSHIP**

## **(Burlington County)**

P.O. Box 307, New Gretna, NJ 08224 • [www.bassriver-nj.org](http://www.bassriver-nj.org)

**DEBORAH BUZBY-COPE**  
**MAYOR**  
DIRECTOR OF  
REVENUE & FINANCE

**LOUIS BOURGUIGNON**  
**DEPUTY MAYOR**  
DIRECTOR OF  
PUBLIC WORKS & PROPERTY

**NICHOLAS CAPRIGLIONE**  
**COMMISSIONER**  
DIRECTOR OF  
PUBLIC AFFAIRS & SAFETY

**JENNY GLEGHORN, RMC/CMR**  
**MUNICIPAL CLERK**  
(609) 296-3337  
FAX: (609) 296-3458

December 5<sup>th</sup>, 2023

1 Academy Drive  
Westhampton, NJ 08060

Subject: Burlington County Multi-Jurisdictional All Hazards Mitigation Plan Update-Authorization and Letter of Intent to participate. Bass River Township

Dear Mrs. Carr:

This confirms that the Bass River Township is committed to participating in the Burlington Multi-Jurisdictional All Hazards Mitigation Plan (HMP) update project. By way of this letter, Bass River Township:

1. Authorizes Burlington County Office of Emergency Management and the Burlington County Hazard Mitigation Steering Committee ("Steering Committee). To guide and direct this planning process, perform certain parts of the planning process, perform certain parts of the planning process, and prepare certain parts of the plan documents on your behalf.
2. Agrees to meet the minimum requirements of municipal participation (a.k.a. the Planning Partner Expectations), specifically.
  - Execute and return this "Authorization and Letter of Intent to Participate: letter to Burlington County Office of Emergency Management, attention Kristen Carr.
  - Identify municipal representatives to serve as the planning point of contact (POC), below. These people will be responsible for representing their community and assuring that these / expectations are met by their Community.
  - Support the Steering Committee selected to oversee the development of this plan.
  - Provide representation at Municipal Planning Committee Meetings (-3 meetings over 6-8 months including a Kick-Off Meeting and Mitigation Strategy Workshop)
  - Provide data and information about your community as requested by the Steering Committee or the contract consultant, including:
    - Structure and facility inventory data
    - Identification of new development and anticipated development
    - Identification of natural hazard risk area
    - Identification of natural hazard events and losses that have impacted your community in the last five years.

- Identification of plans, studies, reports, and ordinances addressing natural hazard risks
- Identify mitigation activity in your community in the last five years, including progress on previously identified mitigation actions
- Support public outreach efforts in your community which may include:
- Providing notices of the planning project on your municipal website with links to a County project website.
- Providing notice of the planning project, the availability of Plan documents, and notice of public meetings via available local media local meetings (e, g newsletters, flyers email blasts, social media, etc.)
- Advertising and supporting public meetings in your area
- Supporting outreach to the National Flood Insurance Program (NFIP) Repetitive Loss and Severe Repetitive Loss Property owners in your Community.
- Assist with the identification of stakeholders within your community that should be informed and potentially involved in the planning process.
- Completing data collection survey forms promptly.
- Identify specific mitigation actions to address each of the natural hazards posing significant (or high or medium) risk to your community.
- Involve your NFIP Floodplain Administrator in the planning process.
- Review draft plan sections when requested and provide comments and input as appropriate.
- Adopt the Plan by Resolution of their governing body after FEMA conditional approval.
- Periodically provide the Steering Committee with reports of municipal staff and volunteer labor Spent on the planning process.

3. Assigns the following persons to be the Points of Contact for our jurisdiction. We understand that

These POC's are responsible for assuring municipal representation at municipal Planning Community meetings, and assuring that the other minimum requirements of jurisdictional participation, as detailed in Planning Partner Expectations above, are met.

Primary POC: Louis Bourguignon Deputy Emergency Management Coordinator  
Phone number: 609 709-2531

Alternate Secondary POC: Barbara Somes  
Phone Number: 609 335-8379

Sally Bourguignon: Emergency Management Coordinator Main POC  
Email Address: [tlcdumplin@comcast.net](mailto:tlcdumplin@comcast.net)  
Phone number: 609 709-5969

4. Our designated local Flood Plan Administrator: (FPA) under the ( NFIP)  
Name Frank Little  
Email: [flittle@owenlittle.com](mailto:flittle@owenlittle.com)  
Phone Number: 732 908-2695



5. Meet participation expectations by including representatives from our Community in the planning process. They will be invited to attend meetings provide required information, and review the jurisdictional annex, Contact information for the different municipal representatives are included below,

Engineer: Frank Little  
Email (same as above)  
Phone Number (same as above)

Public Works: Louis Bourguignon  
Phone Number: Same as above

Elected Official: Mayor Deborah Buzby-Cope  
Email Address dbuzz13@bassriver-nj.org  
Phone Number; 609 338-1894

6. Recognizes that failure to meet the minimum participation expectations and deadlines, as determined by the Steering Committee will result in our municipality being excluded from the planning process

Sincerely



Deborah Buzby-Cope, Mayor  
Bass river Township.



**CITY OF BEVERLY**  
**FRANK R. COSTELLO MUNICIPAL BUILDING**  
446 Broad Street  
Beverly, NJ 08010

August 29, 2023

Burlington County Office of Emergency Management  
1 Academy Drive  
Westampton, New Jersey 08060  
Via email: [krcarr@co.burlington.nj.us](mailto:krcarr@co.burlington.nj.us)

Subject: Burlington County Multi-Jurisdictional All Hazards Mitigation Plan Update -  
Authorization and Letter of Intent to Participate  
City of Beverly

Dear Ms. Carr:

This is to confirm that the City of Beverly is committed to participating in the Burlington County Multi-Jurisdictional All Hazards Mitigation Plan (HMP) update project. By way of this letter, the City of Beverly:

1. Authorizes Burlington County Office of Emergency Management and the Burlington County Hazard Mitigation Steering Committee ("Steering Committee"), to guide and direct this planning process, perform certain parts of the planning process, and prepare certain parts of the plan documents on our behalf.
2. Agrees to meet the minimum requirements of municipal participation (a.k.a. the Planning Partner Expectations), specifically:
  - Execute and return this "Authorization and Letter of Intent to Participate" letter to Burlington County Office of Emergency Management, attention: **KRISTEN CARR**.
  - Identify municipal representatives to serve as the planning point of contacts (POC), below. These people will be responsible for representing their community and assuring that these participation expectations are met by their community.
  - Support the Steering Committee selected to oversee the development of this plan.
  - Provide representation at municipal Planning Committee meetings (~ 3 meetings over 6-8 months, including a Kick-Off Meeting and a Mitigation Strategy Workshop).
  - Provide data and information about your community as requested by the Steering Committee or the contract consultant, including:
    - Structure and facility inventory data
    - Identification of new development and anticipated development
    - Identification of natural hazard risk areas
    - Identification of natural hazard events and losses that have impacted your community in the last five years
    - Identification of plans, studies, reports and ordinances addressing natural hazard risk
    - Identify mitigation activity in your community in the last five years, including progress on previously identified mitigation actions.
  - Support public outreach efforts in your community which may include:

- Providing notices of the planning project on your municipal website with links to a County project website
  - Providing notice of the planning project, the availability of Plan documents, and notice of public meetings via available local media (e.g. newsletters, flyers, email blasts, social media, etc.)
  - Advertising and supporting public meetings in your area
  - Supporting outreach to National Flood Insurance Program (NFIP) Repetitive Loss and Severe Repetitive Loss property owners in your community.
  - Assist with the identification of stakeholders within your community that should be informed and potentially involved with the planning process.
  - Completing data and information collection survey forms in a timely manner.
  - Identify specific mitigation actions to address each of the natural hazards posing significant [or high or medium] risk to your community.
  - Involve your local NFIP Floodplain Administrator in the planning process.
  - Review draft Plan sections when requested and provide comment and input as appropriate.
  - Adopt the Plan by resolution of their governing body after FEMA conditional approval.
  - Periodically provide the Steering Committee with reports of municipal staff and volunteer labor spent on the planning process.
3. Assigns the following persons to be the Points of Contact for our jurisdiction. We understand that these POCs are responsible for assuring municipal representation at municipal Planning Committee meetings, and assuring that the other minimum requirements of jurisdictional participation, as detailed in the Planning Partner Expectations above, are met.

Primary POC:	Position/Department:
Kevin Richards	Emergency Management Coordinator
Phone Number:	Email Address:
609-868-4349	kr125@aol.com

Alternate/Secondary POC:	Position/Department:
Rich Wolbert	Public Safety Director/City Administrator
Phone Number:	Email Address:
609-680-3638	rwolbert@thecityofbeverly.com

4. Our designated local Floodplain Administrator (FPA) under the NFIP is:

Name of NFIP FPA:	Position/Department:
Rakesh Darji	FPA
Environmental Resolutions Inc.	
Phone Number:	Email Address:
856-235-7170	rdarji@erinj.com



5. Meet participation expectations by including representatives from our community in the planning process. They will be invited to attend meetings, provide required information, and review the jurisdictional annex. Contact information for the different municipal representatives are included below.

Name (Engineer):	Position/Department:
William Kirchner	City Engineer
Environmental Resolutions Inc.	
Email Address:	
wkirchner@erinj.com	

Name (Lead Planner/Planning POC):	Position/Department:
Mark Remsa	City Planner
Email Address:	
maremsa@aol.com	

Name (Public Works):	Position/Department:
Michael Haws	DPW Supervisor
Email Address:	
mhaws@thecityofbeverly.com	

Name (Emergency Management):	Position/Department:
Kevin Richards	Emergency Management Coordinator
Email Address:	
kr125@aol.com	

Name (Elected Official/Administrator):	Position/Department:
Richard Wolbert	Public Safety Director/City Administrator
Email Address:	
rwolbert@thecityofbeverly.com	

Name (Building Department/Code Enforcement):	Position/Department:
Cedric Minter	Construction Code Official
Email Address:	
construction@thecityofbeverly.com	

Name (Municipal Clerk):	Position/Department:
Caitlin D'Alfonso	Municipal Clerk
Email Address:	
cdalfonso@thecityofbeverly.com	

Name (Other Representative):	Position/Department:
George Meredith	Fire Chief
Email Address:	
firechief@beverlycityfire.com	

6. Recognizes that failure to meet the minimum participation expectations and deadlines, as determined by the Steering Committee will result in our municipality being excluded from the planning process.

Sincerely,



Randy H. Miller  
Mayor



## TOWNSHIP OF BORDENTOWN BURLINGTON COUNTY, NEW JERSEY

**TOWNSHIP COMMITTEE:**  
**Stephen Benowitz, Mayor**  
**Eugene Fuzy, Deputy Mayor**  
**Eric Holliday, Committeeman**  
**Bill Grayson, Committeeman**  
**Aneka A. Miller, Committeewoman**

1 MUNICIPAL DRIVE, BORDENTOWN TOWNSHIP  
BORDENTOWN, NJ 08505-2193  
Telephone: (609) 298-2800  
FAX: (609) 379-4026

Via Regular Mail and email to: [KRCARR@CO.BURLINGTON.NJ.US](mailto:KRCARR@CO.BURLINGTON.NJ.US)

July 31, 2023

Kristen Carr  
Burlington County Office of Emergency Management  
1 Academy Drive  
Westampton, New Jersey 08060

Subject: Burlington County Multi-Jurisdictional All Hazards Mitigation Plan Update -  
Authorization and Letter of Intent to Participate  
Bordentown Township

Dear Ms. Carr:

This is to confirm that the Township of Bordentown is committed to participating in the Burlington County Multi-Jurisdictional All Hazards Mitigation Plan (HMP) update project. By way of this letter, the Township of Bordentown:

1. Authorizes Burlington County Office of Emergency Management and the Burlington County Hazard Mitigation Steering Committee ("Steering Committee"), to guide and direct this planning process, perform certain parts of the planning process, and prepare certain parts of the plan documents on our behalf.
2. Agrees to meet the minimum requirements of municipal participation (a.k.a. the Planning Partner Expectations), specifically:
  - Execute and return this "Authorization and Letter of Intent to Participate" letter to Burlington County Office of Emergency Management, attention: **KRISTEN CARR**.
  - Identify municipal representatives to serve as the planning point of contacts (POC), below. These people will be responsible for representing their community and assuring that these participation expectations are met by their community.
  - Support the Steering Committee selected to oversee the development of this plan.
  - Provide representation at municipal Planning Committee meetings (~ 3 meetings over 6-8 months, including a Kick-Off Meeting and a Mitigation Strategy Workshop).
  - Provide data and information about your community as requested by the Steering Committee or the contract consultant, including:

- Structure and facility inventory data
  - Identification of new development and anticipated development
  - Identification of natural hazard risk areas
  - Identification of natural hazard events and losses that have impacted your community in the last five years
  - Identification of plans, studies, reports and ordinances addressing natural hazard risk
  - Identify mitigation activity in your community in the last five years, including progress on previously identified mitigation actions.
  - Support public outreach efforts in your community which may include:
    - Providing notices of the planning project on your municipal website with links to a County project website
    - Providing notice of the planning project, the availability of Plan documents, and notice of public meetings via available local media (e.g. newsletters, flyers, email blasts, social media, etc.)
    - Advertising and supporting public meetings in your area
    - Supporting outreach to National Flood Insurance Program (NFIP) Repetitive Loss and Severe Repetitive Loss property owners in your community.
  - Assist with the identification of stakeholders within your community that should be informed and potentially involved with the planning process.
  - Completing data and information collection survey forms in a timely manner.
  - Identify specific mitigation actions to address each of the natural hazards posing significant [or high or medium] risk to your community.
  - Involve your local NFIP Floodplain Administrator in the planning process.
  - Review draft Plan sections when requested and provide comment and input as appropriate.
  - Adopt the Plan by resolution of their governing body after FEMA conditional approval.
  - Periodically provide the Steering Committee with reports of municipal staff and volunteer labor spent on the planning process.
3. Assigns the following persons to be the Points of Contact for our jurisdiction. We understand that these POCs are responsible for assuring municipal representation at municipal Planning Committee meetings, and assuring that the other minimum requirements of jurisdictional participation, as detailed in the Planning Partner Expectations above, are met.

Primary POC:  
Nicholas S. Buroczi

Position/Department:  
OEM Coordinator

Phone Number:  
609-752-2873

Email Address:  
[N.Buroczi@bordentowntownship.org](mailto:N.Buroczi@bordentowntownship.org)

Alternate/Secondary POC:  
Nathan Roohr

Position/Department:  
Captain of Police

Phone Number:  
609-298-2800 x2223

Email Address:  
[nroohr@bordentowntownshippd.org](mailto:nroohr@bordentowntownshippd.org)

4. Our designated local Floodplain Administrator (FPA) under the NFIP is:

Name of NFIP FPA:	Position/Department:
Dean Buhrer	Director of Public Works
Phone Number:	Email Address:
609-209-0732	<a href="mailto:d.buhrer@bordentowntownship.org">d.buhrer@bordentowntownship.org</a>

5. Meet participation expectations by including representatives from our community in the planning process. They will be invited to attend meetings, provide required information, and review the jurisdictional annex. Contact information for the different municipal representatives are included below.

Name (Engineer):	Position/Department:
Fred Turek of Turek Consulting LLC	Township Engineer
Email Address:	
<a href="mailto:fturek@turekconsultingllc.com">fturek@turekconsultingllc.com</a>	

Name (Lead Planner/Planning POC):	Position/Department:
Mark Siegle	Township Director of Community Development
Email Address:	
<a href="mailto:m.siegle@bordentowntownship.org">m.siegle@bordentowntownship.org</a>	

Name (Public Works):	Position/Department:
Adam Spundarelli	Public Works Supervisor
Email Address:	
<a href="mailto:a.spundarelli@bordentowntownship.org">a.spundarelli@bordentowntownship.org</a>	

Name (Emergency Management):	Position/Department:
Nicholas S. Buroczi	OEM Coordinator
Email Address:	
<a href="mailto:BordentownTownshipOEM@bordentowntownship.org">BordentownTownshipOEM@bordentowntownship.org</a>	

Name (Elected Official/Administrator):	Position/Department:
Eric Holliday	Committeeman/Committee Liaison to OEM
Email Address:	
<a href="mailto:e.holliday@bordentowntownship.org">e.holliday@bordentowntownship.org</a>	

Name (Building Department/Code Enforcement): Robert Salmons	Position/Department: Township Construction Official
Email Address: <a href="mailto:r.salmons@bordentowntownship.org">r.salmons@bordentowntownship.org</a>	

Name (Municipal Clerk): Maria S. Carrington	Position/Department: Township Clerk
Email Address: <a href="mailto:m.carrington@bordentowntwp.org">m.carrington@bordentowntwp.org</a>	

Name (Other Representative): Michael Theokas	Position/Department: Township Administrator
Email Address: <a href="mailto:m.theokas@bordentowntownship.org">m.theokas@bordentowntownship.org</a>	

Name (Other Representative): Tom Komlosi	Position/Department: Fire District #1 Acting Chief
Email Address: <a href="mailto:tkomlosi@missionfire.org">tkomlosi@missionfire.org</a>	

Name (Other Representative): Robert McFarland	Position/Department: Fire District #2 Chief
Email Address: <a href="mailto:r.macfarland@btfd2.org">r.macfarland@btfd2.org</a>	

6. Recognizes that failure to meet the minimum participation expectations and deadlines, as determined by the Steering Committee will result in our municipality being excluded from the planning process.

Sincerely,



Michael Theokas  
Township Administrator





**CITY OF BURLINGTON**  
**OFFICE OF EMERGENCY MANAGEMENT**  
525 High Street, Burlington, New Jersey 08016



MEMORANDUM FOR: **KRCARR@CO.BURLINGTON.NJ.US**

THRU: Burlington County OEM

SUBJECT: Hazard Mitigation Plan Letter of Intent

August 14, 2023

Burlington County Office of Emergency Management  
1 Academy Drive  
Westampton, New Jersey 08060

Subject: Burlington County Multi-Jurisdictional All Hazards Mitigation Plan Update -  
Authorization and Letter of Intent to Participate  
City of Burlington

Dear Ms. Carr:

This is to confirm that the City of Burlington is committed to participating in the Burlington County Multi-Jurisdictional All Hazards Mitigation Plan (HMP) update project. By way of this letter, the City of Burlington:

1. Authorizes Burlington County Office of Emergency Management and the Burlington County Hazard Mitigation Steering Committee ("Steering Committee"), to guide and direct this planning process, perform certain parts of the planning process, and prepare certain parts of the plan documents on our behalf.
2. Agrees to meet the minimum requirements of municipal participation (a.k.a. the Planning Partner Expectations), specifically:
  - Execute and return this "Authorization and Letter of Intent to Participate" letter to Burlington County Office of Emergency Management, attention: **KRISTEN CARR**.
  - Identify municipal representatives to serve as the planning point of contacts (POC), below. These people will be responsible for representing their community and assuring that these participation expectations are met by their community.
  - Support the Steering Committee selected to oversee the development of this plan.
  - Provide representation at municipal Planning Committee meetings (~ 3 meetings over 6-8 months, including a Kick-Off Meeting and a Mitigation Strategy Workshop).
  - Provide data and information about your community as requested by the Steering Committee or the contract consultant, including:

- Structure and facility inventory data
  - Identification of new development and anticipated development
  - Identification of natural hazard risk areas
  - Identification of natural hazard events and losses that have impacted your community in the last five years
  - Identification of plans, studies, reports, and ordinances addressing natural hazard risk
  - Identify mitigation activity in your community in the last five years, including progress on previously identified mitigation actions.
  - Support public outreach efforts in your community which may include:
    - Providing notices of the planning project on your municipal website with links to a County project website
    - Providing notice of the planning project, the availability of Plan documents, and notice of public meetings via available local media (e.g. newsletters, flyers, email blasts, social media, etc.)
    - Advertising and supporting public meetings in your area
    - Supporting outreach to National Flood Insurance Program (NFIP) Repetitive Loss and Severe Repetitive Loss property owners in your community.
  - Assist with the identification of stakeholders within your community that should be informed and potentially involved with the planning process.
  - Completing data and information collection survey forms in a timely manner.
  - Identify specific mitigation actions to address each of the natural hazards posing significant [or high or medium] risk to your community.
  - Involve your local NFIP Floodplain Administrator in the planning process.
  - Review draft Plan sections when requested and provide comments and input as appropriate.
  - Adopt the Plan by resolution of their governing body after FEMA conditional approval.
  - Periodically provide the Steering Committee with reports of municipal staff and volunteer labor spent on the planning process.
3. Assigns the following persons to be the Points of Contact for our jurisdiction. We understand that these POCs are responsible for assuring municipal representation at municipal Planning Committee meetings and assuring that the other minimum requirements of jurisdictional participation, as detailed in the Planning Partner Expectations above, are met.

Primary POC: Frank S. Caruso	Position/Department: Emergency Management Coordinator
Phone Number: 609-284-3105	Email Address: Fcaruso@burlingtonnj.us

--

Alternate/Secondary POC: Kenneth Shine Pennoni & Associates  Phone Number: (856) 656-2890	Position/Department: Sewer/Drainage Engineer   Email Address: KShine@Pennoni.com
--	---

4. Our designated local Floodplain Administrator (FPA) under the NFIP is:

Name of NFIP FPA: Allison S. Iannaccone, CFM Owen, Little & Associates, Inc.  Phone Number: (732) 244-1090	Position/Department: Flood Plain Manager   Email Address: aiannaccone@owenlittle.com
---	---

5. Meet participation expectations by including representatives from our community in the planning process. They will be invited to attend meetings, provide required information, and review the jurisdictional annex. Contact information for the different municipal representatives are included below.

Name (Engineer): Bil Kirchner Environmental Resolutions Inc.  Email Address: wkirchner@erinj.com	Position/Department: City Engineer
---	------------------------------------

Name (Lead Planner/Planning POC): William Harris, PP  Email Address: Wharris@burlingtonnj.us	Position/Department: Director of Housing & Economic Development
--	---

Name (Public Works): William Curry  Email Address: Wcurry@burlington.nj.us	Position/Department: Director of Public Works
--	---

Name (Emergency Management): Frank S. Caruso

Position/Department: Emergency Management Coordinator

Email Address: Fcaruso@burlingtonnj.us

Name (Elected Official/Administrator): Mayor Barry W. Conaway

Position/Department: Mayor

Email Address: Bconaway@burlingtonnj.us

Name (Building Department/Code Enforcement): Anthony Griffin

Position/Department: Chief Code Enforcement Official

Email Address: Agriffin@burlingtonnj.us

Building Construction Official: Jody Mazeall  
Email Address: Jmazeall@burlingtonnj.us

Name (Municipal Clerk): Cindy Crivaro

Position/Department: City Clerk

Email Address: Ccrivaro@burlingtonnj.us

Name (Other Representative): Johanna S. Conyer

Position/Department: Business Administrator

Email Address: Jconyer@burlingtonnj.us

- 
6. Recognizes that failure to meet the minimum participation expectations and deadlines, as determined by the Steering Committee will result in our municipality being excluded from the planning process.

Sincerely,

Mayor Barry W. Conaway  
City of Burlington

---

Name (Building Department/Code Enforcement):	Position/Department: Chief Code Enforcement Official
--	--

Anthony Griffin

Email Address: Agriffin@burlingtonnj.us

Building Construction Official: Jody Mazeall

Email Address: Jmazeall@burlingtonnj.us

Name (Municipal Clerk): Cindy Crivaro	Position/Department: City Clerk
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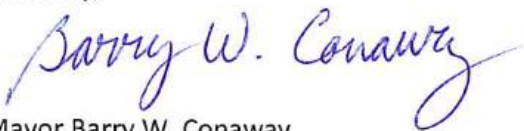
Email Address: Ccrivaro@burlingtonnj.us

Name (Other Representative): Johanna S. Conyer	Position/Department: Business Administrator
--	---

Email Address: Jconyer@burlingtonnj.us

6. Recognizes that failure to meet the minimum participation expectations and deadlines, as determined by the Steering Committee will result in our municipality being excluded from the planning process.

Sincerely,



Mayor Barry W. Conaway  
City of Burlington





# BURLINGTON TOWNSHIP

851 Old York Road, Burlington, NJ 08016 • Phone (609) 239-5832  
Fax (609) 387-8411

E.L. Pete Green  
Mayor

August 15, 2023

Burlington County Office of Emergency Management  
1 Academy Drive  
Westampton, New Jersey 08060

**Subject:** Burlington County Multi-Jurisdictional All Hazards Mitigation Plan Update - Authorization and Letter of Intent to Participate  
Burlington Township

Dear Ms. Carr:

This is to confirm that the Township of Burlington is committed to participating in the Burlington County Multi-Jurisdictional All Hazards Mitigation Plan (HMP) update project. By way of this letter, the Township of Burlington:

1. Authorizes Burlington County Office of Emergency Management and the Burlington County Hazard Mitigation Steering Committee ("Steering Committee"), to guide and direct this planning process, perform certain parts of the planning process, and prepare certain parts of the plan documents on our behalf.
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  - Identify municipal representatives to serve as the planning point of contacts (POC), below. These people will be responsible for representing their community and assuring that these participation expectations are met by their community.
  - Support the Steering Committee selected to oversee the development of this plan.
  - Provide representation at municipal Planning Committee meetings (~ 3 meetings over 6-8 months, including a Kick-Off Meeting and a Mitigation Strategy Workshop).
  - Provide data and information about your community as requested by the Steering Committee or the contract consultant, including:
    - Structure and facility inventory data
    - Identification of new development and anticipated development
    - Identification of natural hazard risk areas
    - Identification of natural hazard events and losses that have impacted your community in the last five years
    - Identification of plans, studies, reports and ordinances addressing natural hazard risk
    - Identify mitigation activity in your community in the last five years, including progress on previously identified mitigation actions.



# BURLINGTON TOWNSHIP

851 Old York Road, Burlington, NJ 08016 • Phone (609) 239-5832  
Fax (609) 387-8411

E.L. Pete Green  
Mayor

- Support public outreach efforts in your community which may include:
    - Providing notices of the planning project on your municipal website with links to a County project website
    - Providing notice of the planning project, the availability of Plan documents, and notice of public meetings via available local media (e.g. newsletters, flyers, email blasts, social media, etc.)
    - Advertising and supporting public meetings in your area
    - Supporting outreach to National Flood Insurance Program (NFIP) Repetitive Loss and Severe Repetitive Loss property owners in your community.
  - Assist with the identification of stakeholders within your community that should be informed and potentially involved with the planning process.
  - Completing data and information collection survey forms in a timely manner.
  - Identify specific mitigation actions to address each of the natural hazards posing significant [or high or medium] risk to your community.
  - Involve your local NFIP Floodplain Administrator in the planning process.
  - Review draft Plan sections when requested and provide comment and input as appropriate.
  - Adopt the Plan by resolution of their governing body after FEMA conditional approval.
  - Periodically provide the Steering Committee with reports of municipal staff and volunteer labor spent on the planning process.
3. Assigns the following persons to be the Points of Contact for our jurisdiction. We understand that these POCs are responsible for assuring municipal representation at municipal Planning Committee meetings, and assuring that the other minimum requirements of jurisdictional participation, as detailed in the Planning Partner Expectations above, are met.

Primary POC:  
**David Ekelburg**

Position/Department:  
**Emergency Management Coordinator**

Phone Number:  
**609-847-5405**

Email Address:  
**dekelburg@endeavorems.org**

Alternate/Secondary POC:  
**Scott Hatfield**

Position/Department:  
**Township Engineer**

Phone Number:  
**609-239-5891**

Email Address:  
**shatfield@twp.burlington.nj.us**



# BURLINGTON TOWNSHIP

851 Old York Road, Burlington, NJ 08016 • Phone (609) 239-5832  
Fax (609) 387-8411

E.L. Pete Green  
Mayor

4. Our designated local Floodplain Administrator (FPA) under the NFIP is:

Name of NFIP FPA:	Position/Department:
<b>Jon Lamont</b>	<b>Construction Code Official</b>
Phone Number:	Email Address:
<b>609-239-5844</b>	<b>jlamont@twp.burlington.nj.us</b>

5. Meet participation expectations by including representatives from our community in the planning process. They will be invited to attend meetings, provide required information, and review the jurisdictional annex. Contact information for the different municipal representatives are included below.

Name (Engineer):	Position/Department:
<b>Scott Hatfield</b>	<b>Township Engineer</b>
Email Address:	
<b>shatfield@twp.burlington.nj.us</b>	

Name (Lead Planner/Planning POC):	Position/Department:
<b>Joseph S. Augustyn</b>	<b>Planner</b>
Email Address:	
<b>jaugustyn@alaimogroup.com</b>	

Name (Public Works):	Position/Department:
<b>George Coolidge</b>	<b>Director of Public Works</b>
Email Address:	
<b>gcoolidge@twp.burlington.nj.us</b>	

Name (Emergency Management):	Position/Department:
<b>David Ekelburg</b>	<b>Emergency Management Coordinator</b>
Email Address:	
<b>dekelburg@endeavorems.org</b>	



# BURLINGTON TOWNSHIP

851 Old York Road, Burlington, NJ 08016 • Phone (609) 239-5832  
Fax (609) 387-8411

E.L. Pete Green  
Mayor

Name (Elected Official/Administrator):

**E.L. Pete Green**

Position/Department:

**Mayor**

Email Address:

**MayorEGreen@twp.burlington.nj.us**

Name (Building Department/Code Enforcement):

**Anthony Trapanese**

Position/Department:

**Housing Inspector**

Email Address:

**atrapanese@twp.burlington.nj.us**

Name (Municipal Clerk):

**Mary E. Field**

Position/Department:

**Township Clerk**

Email Address:

**mfield@twp.burlington.nj.us**

Name (Other Representative):

**Bruce Painter**

Position/Department:

**Public Safety Director**

Email Address:

**bpainter54@burltwppd.com**

6. Recognizes that failure to meet the minimum participation expectations and deadlines, as determined by the Steering Committee will result in our municipality being excluded from the planning process.

Sincerely,

A handwritten signature in black ink, appearing to read "E.L. Green", written over a horizontal line.

E. L. Pete Green, Mayor  
Burlington Township

# Cinnaminson Township

ERNEST MCGILL  
MAYOR  
Liaison to Public Safety

PAUL J. CONDA  
DEPUTY MAYOR  
Liaison to Administration  
& Senior Services

RYAN HORNER  
Liaison to Finance & Economic  
Development

STEPHANIE KRAVIL  
Liaison to Parks & Recreation and  
Veterans Affairs

ALBERT SEGREST  
Liaison to Public Works



ERIC J. SCHUBIGER  
Township Administrator

LISA A. PASSIONE, RMC  
Municipal Clerk

JULIA EDMONDSON  
CFO/HR

MUNICIPAL BUILDING  
1621 Riverton Road  
Cinnaminson, NJ 08077

(856) 829-6000  
Fax (856) 829-3361

August 10, 2023

Burlington County Office of Emergency Management  
1 Academy Drive  
Westampton, New Jersey 08060

Subject: Burlington County Multi-Jurisdictional All Hazards Mitigation Plan Update -  
Authorization and Letter of Intent to Participate  
Township of Cinnaminson

Dear Ms. Carr:

This is to confirm that the Township of Cinnaminson is committed to participating in the Burlington County Multi-Jurisdictional All Hazards Mitigation Plan (HMP) update project. By way of this letter, the Township of Cinnaminson:

1. Authorizes Burlington County Office of Emergency Management and the Burlington County Hazard Mitigation Steering Committee ("Steering Committee"), to guide and direct this planning process, perform certain parts of the planning process, and prepare certain parts of the plan documents on our behalf.
2. Agrees to meet the minimum requirements of municipal participation (a.k.a. the Planning Partner Expectations), specifically:
  - Execute and return this "Authorization and Letter of Intent to Participate" letter to Burlington County Office of Emergency Management, attention: **KRISTEN CARR**.
  - Identify municipal representatives to serve as the planning point of contacts (POC), below. These people will be responsible for representing their community and assuring that these participation expectations are met by their community.
  - Support the Steering Committee selected to oversee the development of this plan.
  - Provide representation at municipal Planning Committee meetings (~ 3 meetings over 6-8 months, including a Kick-Off Meeting and a Mitigation Strategy Workshop).
  - Provide data and information about your community as requested by the Steering Committee or the contract consultant, including:
    - Structure and facility inventory data
    - Identification of new development and anticipated development
    - Identification of natural hazard risk areas



- Identification of natural hazard events and losses that have impacted your community in the last five years
  - Identification of plans, studies, reports and ordinances addressing natural hazard risk
  - Identify mitigation activity in your community in the last five years, including progress on previously identified mitigation actions.
  - Support public outreach efforts in your community which may include:
    - Providing notices of the planning project on your municipal website with links to a County project website
    - Providing notice of the planning project, the availability of Plan documents, and notice of public meetings via available local media (e.g. newsletters, flyers, email blasts, social media, etc.)
    - Advertising and supporting public meetings in your area
    - Supporting outreach to National Flood Insurance Program (NFIP) Repetitive Loss and Severe Repetitive Loss property owners in your community.
  - Assist with the identification of stakeholders within your community that should be informed and potentially involved with the planning process.
  - Completing data and information collection survey forms in a timely manner.
  - Identify specific mitigation actions to address each of the natural hazards posing significant [or high or medium] risk to your community.
  - Involve your local NFIP Floodplain Administrator in the planning process.
  - Review draft Plan sections when requested and provide comment and input as appropriate.
  - Adopt the Plan by resolution of their governing body after FEMA conditional approval.
  - Periodically provide the Steering Committee with reports of municipal staff and volunteer labor spent on the planning process.
3. Assigns the following persons to be the Points of Contact for our jurisdiction. We understand that these POCs are responsible for assuring municipal representation at municipal Planning Committee meetings, and assuring that the other minimum requirements of jurisdictional participation, as detailed in the Planning Partner Expectations above, are met.

Primary POC: Eric Schubiger	Position/Department: Township Administrator
Phone Number: (856) 829-6000	Email Address: eschubiger@cinnaminsonnj.org

Alternate/Secondary POC: Richard Calabrese	Position/Department: Chief of Police
Phone Number: (856) 829-6000	Email Address: rcalabrese@cinnaminsonpolice.org

4. Our designated local Floodplain Administrator (FPA) under the NFIP is:

Name of NFIP FPA: Joseph Barbadoro	Position/Department: Township Engineer
Phone Number:	Email Address:



(856) 216-1890

joe.barbadoro@rve.com

5. Meet participation expectations by including representatives from our community in the planning process. They will be invited to attend meetings, provide required information, and review the jurisdictional annex. Contact information for the different municipal representatives are included below.

Name (Engineer):

Joseph Barbadoro

Position/Department:

Township Engineer

Email Address:

joe.barbadoro@rve.com

Name (Lead Planner/Planning POC):

Danny Norman

Position/Department:

Emergency Management Coordinator

Email Address:

oem@cinnaminsonnj.org

Name (Public Works):

Kevin Gauntt

Position/Department:

Superintendent of Public Works

Email Address:

kgauntt@cinnaminsonnj.org

Name (Emergency Management):

Danny Norman

Position/Department:

Emergency Management Coordinator

Email Address:

oem@cinnaminsonnj.org

Name (Elected Official/Administrator):

Ernest McGill

Position/Department:

Mayor

Email Address:

emcgill@cinnaminsonnj.org

Name (Building Department/Code Enforcement):

Michael Minton

Position/Department:

Zoning and Code Enforcement Officer

Email Address:

mminton@cinnaminsonnj.org

Name (Municipal Clerk):

Lisa Passione

Position/Department:

Municipal Clerk

Email Address:

lpassione@cinnaminsonnj.org

Name (Other Representative):

Julia Edmondson

Position/Department:

Chief Financial Officer/Purchasing Agent

Email Address:

jedmondson@cinnaminsonnj.org

6. Recognizes that failure to meet the minimum participation expectations and deadlines, as determined by the Steering Committee will result in our municipality being excluded from the planning process.

Sincerely,

A handwritten signature in black ink, appearing to read "Ernest McGill", written over a horizontal line.

Ernest McGill

Mayor



**TOWNSHIP OF DELANCO**  
**770 Coopertown Road, Delanco, NJ 08075-5249**  
**Phone 856-461-0561 Fax 856-461-0685**

Return to: **KRCARR@CO.BURLINGTON.NJ.US**

August 15, 2023

Burlington County Office of Emergency Management  
1 Academy Drive  
Westampton, New Jersey 08060

Subject: Burlington County Multi-Jurisdictional All Hazards Mitigation Plan Update -  
Authorization and Letter of Intent to Participate  
Delanco Township

Dear Ms. Carr:

This is to confirm that the Delanco Township is committed to participating in the Burlington County Multi-Jurisdictional All Hazards Mitigation Plan (HMP) update project. By way of this letter, Delanco Township:

1. Authorizes Burlington County Office of Emergency Management and the Burlington County Hazard Mitigation Steering Committee ("Steering Committee"), to guide and direct this planning process, perform certain parts of the planning process, and prepare certain parts of the plan documents on our behalf.
2. Agrees to meet the minimum requirements of municipal participation (a.k.a. the Planning Partner Expectations), specifically:
  - Execute and return this "Authorization and Letter of Intent to Participate" letter to Burlington County Office of Emergency Management, attention: **KRISTEN CARR**.
  - Identify municipal representatives to serve as the planning point of contacts (POC), below. These people will be responsible for representing their community and assuring that these participation expectations are met by their community.
  - Support the Steering Committee selected to oversee the development of this plan.
  - Provide representation at municipal Planning Committee meetings (~ 3 meetings over 6-8 months, including a Kick-Off Meeting and a Mitigation Strategy Workshop).
  - Provide data and information about your community as requested by the Steering Committee or the contract consultant, including:
    - Structure and facility inventory data
    - Identification of new development and anticipated development
    - Identification of natural hazard risk areas
    - Identification of natural hazard events and losses that have impacted your community in the last five years
    - Identification of plans, studies, reports and ordinances addressing natural hazard risk

- Identify mitigation activity in your community in the last five years, including progress on previously identified mitigation actions.
  - Support public outreach efforts in your community which may include:
    - Providing notices of the planning project on your municipal website with links to a County project website
    - Providing notice of the planning project, the availability of Plan documents, and notice of public meetings via available local media (e.g. newsletters, flyers, email blasts, social media, etc.)
    - Advertising and supporting public meetings in your area
    - Supporting outreach to National Flood Insurance Program (NFIP) Repetitive Loss and Severe Repetitive Loss property owners in your community.
  - Assist with the identification of stakeholders within your community that should be informed and potentially involved with the planning process.
  - Completing data and information collection survey forms in a timely manner.
  - Identify specific mitigation actions to address each of the natural hazards posing significant [or high or medium] risk to your community.
  - Involve your local NFIP Floodplain Administrator in the planning process.
  - Review draft Plan sections when requested and provide comment and input as appropriate.
  - Adopt the Plan by resolution of their governing body after FEMA conditional approval.
  - Periodically provide the Steering Committee with reports of municipal staff and volunteer labor spent on the planning process.
3. Assigns the following persons to be the Points of Contact for our jurisdiction. We understand that these POCs are responsible for assuring municipal representation at municipal Planning Committee meetings, and assuring that the other minimum requirements of jurisdictional participation, as detailed in the Planning Partner Expectations above, are met.

Primary POC: Beverly Russell

Position/Department: Deputy Municipal Clerk

Phone Number: 856-461-0561 x255

Email Address: brussell@delancotownship.com

Alternate/Secondary POC: Matthew Bartlett

Position/Department: Deputy Mayor

Phone Number: 609-288-0555

Email Address: mbartlett@delancotownship.com

Alternate/Secondary POC #2: Robert Viereck

Position/Department: Emerg. Mgmt Coordinator

Phone Number: 609-500-2492

Email Address: rviereck@Delancofire.com  
rviereck@co.burlington.nj.us

4. Our designated local Floodplain Administrator (FPA) under the NFIP is:

Name of NFIP FPA: Michael Lunemann	Position/Department: Construction Official
Phone Number: 856-461-0561 x276	Email Address: mlunemann@delancotownshp.com

5. Meet participation expectations by including representatives from our community in the planning process. They will be invited to attend meetings, provide required information, and review the jurisdictional annex. Contact information for the different municipal representatives are included below.

Name (Engineer): Christopher Noll	Position/Department: Township Engineer
Email Address: cnoll@erinj.com	

Name (Lead Planner/Planning POC): Scott Taylor	Position/Department: Township Planner
Email Address: Staylor@tdgplanning.com	

Name (Public Works): John Fenimore	Position/Department: Supt. of Public Works
Email Address: jfenimore@delancotownship.com	

Name (Emergency Management): Robert Viereck	Position/Department: Emergency Management Coordinator
Email Address: <a href="mailto:rviereck@Delancofire.com">rviereck@Delancofire.com</a> rviereck@co.burlington.nj.us	

Name (Elected Official/Administrator): Richard Schwab	Position/Department: Township Administrator
Email Address: rschwab@delancotownship.com	

---

Name (Building Department/Code Enforcement):	Position/Department: Code Enforcement(Ruggiano) and Building Department (Lunemann)
Ed Ruggiano Michael Lunemann	
Email Address: eruggiano@delancotownship.com mlunemann@delancotownship.com	

Name (Municipal Clerk): Janice Lohr	Position/Department: Municipal Clerk
Email Address: jlohr@delancotownship.com	

Name (Other Representative): Harry Fox	Position/Department: Township Engineering
Email Address: hfox@erinj.com	

6. Recognizes that failure to meet the minimum participation expectations and deadlines, as determined by the Steering Committee will result in our municipality being excluded from the planning process.

Sincerely,



Matthew Bartlett  
Deputy Mayor  
Delanco Township

# TOWNSHIP OF DELRAN

*MAYOR*  
GARY A. CATRAMBONE

*BUSINESS ADMINISTRATOR*  
JOSEPH B. BELLINA

*TOWNSHIP CLERK*  
JAMEY EGGERS, RMC



*TOWNSHIP COUNCIL*  
TYLER J. BURRELL, PRESIDENT  
THOMAS LYON, VICE-PRESIDENT  
NIKKI APEADU, WARD 1  
LYNN JENEY, AT-LARGE  
MARLOWE SMITH, WARD 3

900 CHESTER AVENUE  
DELRAN NEW JERSEY 08075  
856.461.7734

September 20, 2023

Burlington County Office of Emergency Management  
1 Academy Drive  
Westampton, New Jersey 08060

Subject: Burlington County Multi-Jurisdictional All Hazards Mitigation Plan Update -  
Authorization and Letter of Intent to Participate  
Delran Township

Dear Ms. Carr:

This is to confirm that the Delran Township is committed to participating in the Burlington County Multi-Jurisdictional All Hazards Mitigation Plan (HMP) update project. By way of this letter, the Township of Delran:

1. Authorizes Burlington County Office of Emergency Management and the Burlington County Hazard Mitigation Steering Committee ("Steering Committee"), to guide and direct this planning process, perform certain parts of the planning process, and prepare certain parts of the plan documents on our behalf.
2. Agrees to meet the minimum requirements of municipal participation (a.k.a. the Planning Partner Expectations), specifically:
  - Execute and return this "Authorization and Letter of Intent to Participate" letter to Burlington County Office of Emergency Management, attention: **KRISTEN CARR**.
  - Identify municipal representatives to serve as the planning point of contacts (POC), below. These people will be responsible for representing their community and assuring that these participation expectations are met by their community.
  - Support the Steering Committee selected to oversee the development of this plan.
  - Provide representation at municipal Planning Committee meetings (~ 3 meetings over 6-8 months, including a Kick-Off Meeting and a Mitigation Strategy Workshop).
  - Provide data and information about your community as requested by the Steering Committee or the contract consultant, including:
    - Structure and facility inventory data
    - Identification of new development and anticipated development
    - Identification of natural hazard risk areas
    - Identification of natural hazard events and losses that have impacted your community in the last five years

- Identification of plans, studies, reports and ordinances addressing natural hazard risk
  - Identify mitigation activity in your community in the last five years, including progress on previously identified mitigation actions.
  - Support public outreach efforts in your community which may include:
    - Providing notices of the planning project on your municipal website with links to a County project website
    - Providing notice of the planning project, the availability of Plan documents, and notice of public meetings via available local media (e.g. newsletters, flyers, email blasts, social media, etc.)
    - Advertising and supporting public meetings in your area
    - Supporting outreach to National Flood Insurance Program (NFIP) Repetitive Loss and Severe Repetitive Loss property owners in your community.
  - Assist with the identification of stakeholders within your community that should be informed and potentially involved with the planning process.
  - Completing data and information collection survey forms in a timely manner.
  - Identify specific mitigation actions to address each of the natural hazards posing significant [or high or medium] risk to your community.
  - Involve your local NFIP Floodplain Administrator in the planning process.
  - Review draft Plan sections when requested and provide comment and input as appropriate.
  - Adopt the Plan by resolution of their governing body after FEMA conditional approval.
  - Periodically provide the Steering Committee with reports of municipal staff and volunteer labor spent on the planning process.
3. Assigns the following persons to be the Points of Contact for our jurisdiction. We understand that these POCs are responsible for assuring municipal representation at municipal Planning Committee meetings, and assuring that the other minimum requirements of jurisdictional participation, as detailed in the Planning Partner Expectations above, are met.

Primary POC: Gary A. Catrambone	Position/Department: Mayor
Phone Number: 856-461-7734 ext 113	Email Address: Gcatrambone@delrantownship.org

Alternate/Secondary POC: Joseph B. Bellina	Position/Department: Business Administrator
Phone Number: 856-461-7734 ext. 113	Email Address: JBellina@delrantownship.org



4. Our designated local Floodplain Administrator (FPA) under the NFIP is:

Name of NFIP FPA: Edward D'Armiento	Position/Department: CME Associates
Phone Number: 732-410-2651	Email Address: edarmiento@cmeusa1.com

5. Meet participation expectations by including representatives from our community in the planning process. They will be invited to attend meetings, provide required information, and review the jurisdictional annex. Contact information for the different municipal representatives are included below.

Name (Engineer): Edward D'Armiento	Position/Department: CME Associates
Email Address: edarmiento@cmeusa1.com	

Name (Lead Planner/Planning POC): Edward D'Armiento	Position/Department: CME Associates
Email Address: edarmiento@cmeusa1.com	

Name (Public Works): Bryan Mullen	Position/Department: Supervisor/PW
Email Address: BMullen@delrantownship.org	

Name (Emergency Management): Joseph Cunningham	Position/Department: OEM coordinator/OEM
Email Address: Joseph.CunninghamJr@delranfire.org	

Name (Elected Official/Administrator):  
Joseph B. Bellina

Position/Department: Administrator

Email Address: [jbellina@delrantownship.org](mailto:jbellina@delrantownship.org)

Name (Building Department/Code Enforcement):  
Bill Lunemann

Position/Department: Construction Official

Email Address:  
constructionofficial@delrantownship.org

Name (Municipal Clerk): Jamey Eggers

Position/Department: Clerk

Email Address: [jeggers@delrantownship.org](mailto:jeggers@delrantownship.org)

Name (Other Representative):

Position/Department:

Email Address:

6. Recognizes that failure to meet the minimum participation expectations and deadlines, as determined by the Steering Committee will result in our municipality being excluded from the planning process.

Sincerely,



Gary A. Catrambone, Mayor  
Delran Township



July 26, 2023

Burlington County Office of Emergency Management  
1 Academy Drive  
Westampton, New Jersey 08060

Subject: Burlington County Multi-Jurisdictional All Hazards Mitigation Plan Update -  
Authorization and Letter of Intent to Participate  
Eastampton Township

Dear Ms. Carr:

This is to confirm that Eastampton Township is committed to participating in the Burlington County Multi-Jurisdictional All Hazards Mitigation Plan (HMP) update project. By way of this letter, Eastampton Township:

1. Authorizes Burlington County Office of Emergency Management and the Burlington County Hazard Mitigation Steering Committee ("Steering Committee"), to guide and direct this planning process, perform certain parts of the planning process, and prepare certain parts of the plan documents on our behalf.
2. Agrees to meet the minimum requirements of municipal participation (a.k.a. the Planning Partner Expectations), specifically:
  - Execute and return this "Authorization and Letter of Intent to Participate" letter to Burlington County Office of Emergency Management, attention: **KRISTEN CARR**.
  - Identify municipal representatives to serve as the planning point of contacts (POC), below. These people will be responsible for representing their community and assuring that these participation expectations are met by their community.
  - Support the Steering Committee selected to oversee the development of this plan.
  - Provide representation at municipal Planning Committee meetings (~ 3 meetings over 6-8 months, including a Kick-Off Meeting and a Mitigation Strategy Workshop).
  - Provide data and information about your community as requested by the Steering Committee or the contract consultant, including:
    - Structure and facility inventory data
    - Identification of new development and anticipated development
    - Identification of natural hazard risk areas
    - Identification of natural hazard events and losses that have impacted your community in the last five years
    - Identification of plans, studies, reports and ordinances addressing natural hazard risk
    - Identify mitigation activity in your community in the last five years, including progress on previously identified mitigation actions.
  - Support public outreach efforts in your community which may include:
    - Providing notices of the planning project on your municipal website with links to a County project website

- Providing notice of the planning project, the availability of Plan documents, and notice of public meetings via available local media (e.g. newsletters, flyers, email blasts, social media, etc.)
  - Advertising and supporting public meetings in your area
  - Supporting outreach to National Flood Insurance Program (NFIP) Repetitive Loss and Severe Repetitive Loss property owners in your community.
  - Assist with the identification of stakeholders within your community that should be informed and potentially involved with the planning process.
  - Completing data and information collection survey forms in a timely manner.
  - Identify specific mitigation actions to address each of the natural hazards posing significant [or high or medium] risk to your community.
  - Involve your local NFIP Floodplain Administrator in the planning process.
  - Review draft Plan sections when requested and provide comment and input as appropriate.
  - Adopt the Plan by resolution of their governing body after FEMA conditional approval.
  - Periodically provide the Steering Committee with reports of municipal staff and volunteer labor spent on the planning process.
3. Assigns the following persons to be the Points of Contact for our jurisdiction. We understand that these POCs are responsible for assuring municipal representation at municipal Planning Committee meetings, and assuring that the other minimum requirements of jurisdictional participation, as detailed in the Planning Partner Expectations above, are met.

Primary POC: <b>Bob Carr</b>	Position/Department: OEM
Phone Number: (609) 929-7193	Email Address: <a href="mailto:oem@eastampton.com">oem@eastampton.com</a>

Alternate/Secondary POC: <b>Kim-Marie White</b>	Position/Department: Township Manager
Phone Number: (609) 267-5723 ext. 209	Email Address: <a href="mailto:kwhite@eastampton.com">kwhite@eastampton.com</a>

4. Our designated local Floodplain Administrator (FPA) under the NFIP is:

Name of NFIP FPA: <b>Kathy Newcomb</b> <b>Stacey Arcari</b>	Position/Department: Zoning Official Township Engineer
Phone Number: (609) 267-5723 ext. 211 (856) 235-7170	Email Address: <a href="mailto:knewcomb@eastampton.com">knewcomb@eastampton.com</a> <a href="mailto:sarcari@erinj.com">sarcari@erinj.com</a>

5. Meet participation expectations by including representatives from our community in the planning process. They will be invited to attend meetings, provide required information, and review the jurisdictional annex. Contact information for the different municipal representatives are included below.

Name (Engineer):

**Stacey Arcari**

Position/Department:

Township Engineer

Email Address: [sarcari@erinj.com](mailto:sarcari@erinj.com)

Name (Lead Planner/Planning POC):

**Mark A. Remsa**

Position/Department:

Township Planner

Email Address: [maremsa@aol.com](mailto:maremsa@aol.com)

Name (Public Works):

**Frederick P. Rodi**

**Bill Angelaccio**

Position/Department:

Public Works Director

Public Works Foreman

Email Address: [frodi@eastampton.com](mailto:frodi@eastampton.com)

[bangelaccio@eastampton.com](mailto:bangelaccio@eastampton.com)

Name (Emergency Management):

**Bob Carr**

Position/Department:

OEM Coordinator

Email Address: [oem@eastampton.com](mailto:oem@eastampton.com)

Name (Elected Official/Administrator):

**Kim-Marie White**

Position/Department:

Township Manager

Email Address: [kwhite@eastampton.com](mailto:kwhite@eastampton.com)

Name (Building Department/Code Enforcement):

**Brad Regn**

**Nicholas Peditto**

**Darrin Elbertson**

Position/Department:

Construction Official

Code Enforcement

Code Enforcement

Email Address:

[bregn@eastampton.com](mailto:bregn@eastampton.com)

[npeditto@eastamptonpolicenj.us](mailto:npeditto@eastamptonpolicenj.us)

[delbertson@eastamptonpolicenj.us](mailto:delbertson@eastamptonpolicenj.us)

Name (Municipal Clerk):

Kim-Marie White

Position/Department:

Municipal Clerk

Email Address: [kwhite@eastampton.com](mailto:kwhite@eastampton.com)

Name (Other Representative):

Joseph Iacovitti

Position/Department:

Chief of Police

Email Address: [jiacovitti@eastamptonpolicenj.us](mailto:jiacovitti@eastamptonpolicenj.us)

6. Recognizes that failure to meet the minimum participation expectations and deadlines, as determined by the Steering Committee will result in our municipality being excluded from the planning process.

Sincerely,

Mayor Robert Apgar  
Eastampton Township



## Township of Edgewater Park

400 Delanco Road

Edgewater Park, New Jersey 08010

Phone (609) 877-2050

Fax (609) 877-2308

July 26, 2023

Burlington County Office of Emergency Management  
1 Academy Drive  
Westampton, New Jersey 08060

Subject: Burlington County Multi-Jurisdictional All Hazards Mitigation Plan Update -  
Authorization and Letter of Intent to Participate  
Township of Edgewater Park

Dear Ms. Carr:

This is to confirm that the Township of Edgewater Park is committed to participating in the Burlington County Multi-Jurisdictional All Hazards Mitigation Plan (HMP) update project. By way of this letter, the Township of Edgewater Park:

1. Authorizes Burlington County Office of Emergency Management and the Burlington County Hazard Mitigation Steering Committee ("Steering Committee"), to guide and direct this planning process, perform certain parts of the planning process, and prepare certain parts of the plan documents on our behalf.
2. Agrees to meet the minimum requirements of municipal participation (a.k.a. the Planning Partner Expectations), specifically:
  - Execute and return this "Authorization and Letter of Intent to Participate" letter to Burlington County Office of Emergency Management, attention: **KRISTEN CARR**.
  - Identify municipal representatives to serve as the planning point of contacts (POC), below. These people will be responsible for representing their community and assuring that these participation expectations are met by their community.
  - Support the Steering Committee selected to oversee the development of this plan.
  - Provide representation at municipal Planning Committee meetings (~ 3 meetings over 6-8 months, including a Kick-Off Meeting and a Mitigation Strategy Workshop).
  - Provide data and information about your community as requested by the Steering Committee or the contract consultant, including:
    - Structure and facility inventory data
    - Identification of new development and anticipated development
    - Identification of natural hazard risk areas



- Identification of natural hazard events and losses that have impacted your community in the last five years
  - Identification of plans, studies, reports and ordinances addressing natural hazard risk
  - Identify mitigation activity in your community in the last five years, including progress on previously identified mitigation actions.
  - Support public outreach efforts in your community which may include:
    - Providing notices of the planning project on your municipal website with links to a County project website
    - Providing notice of the planning project, the availability of Plan documents, and notice of public meetings via available local media (e.g. newsletters, flyers, email blasts, social media, etc.)
    - Advertising and supporting public meetings in your area
    - Supporting outreach to National Flood Insurance Program (NFIP) Repetitive Loss and Severe Repetitive Loss property owners in your community.
  - Assist with the identification of stakeholders within your community that should be informed and potentially involved with the planning process.
  - Completing data and information collection survey forms in a timely manner.
  - Identify specific mitigation actions to address each of the natural hazards posing significant [or high or medium] risk to your community.
  - Involve your local NFIP Floodplain Administrator in the planning process.
  - Review draft Plan sections when requested and provide comment and input as appropriate.
  - Adopt the Plan by resolution of their governing body after FEMA conditional approval.
  - Periodically provide the Steering Committee with reports of municipal staff and volunteer labor spent on the planning process.
3. Assigns the following persons to be the Points of Contact for our jurisdiction. We understand that these POCs are responsible for assuring municipal representation at municipal Planning Committee meetings, and assuring that the other minimum requirements of jurisdictional participation, as detailed in the Planning Partner Expectations above, are met.

Primary POC: Joseph T. Pullion	Position/Department: Township Administrator
Phone Number: 609-877-2050 ext. 350	Email Address: tpullion@edgewaterpark-nj.com

Alternate/Secondary POC: Alyssa Meredith	Position/Department: Emergency Management Coordinator
Phone Number:	Email Address: ameredith@edgewaterpark-nj.com

4. Our designated local Floodplain Administrator (FPA) under the NFIP is:

Name of NFIP FPA:	Position/Department:
-------------------	----------------------

Rakesh Darji, Environmental Resolutions Inc.	Township Engineer
Phone Number: 856-235-7170	Email Address: rdarji@erinj.com

5. Meet participation expectations by including representatives from our community in the planning process. They will be invited to attend meetings, provide required information, and review the jurisdictional annex. Contact information for the different municipal representatives are included below.

Name (Engineer): Rakesh Darji, Environmental Resolutions Inc	Position/Department: Township Engineer
Email Address: rdarji@erinj.com	

Name (Lead Planner/Planning POC): Edward Fox, Environmental Resolutions Inc	Position/Department: Township Planner
Email Address: efox@erinj.com	

Name (Public Works): Jim Bernard	Position/Department: Public Works Superintendent
Email Address: jbernard@edgewaterpark-nj.com	

Name (Emergency Management): Alyssa Meredith	Position/Department: Emergency Management Coordinator
Email Address: ameredith@edgewaterpark-nj.com	

Name (Elected Official/Administrator): Joseph T. Pullion	Position/Department: Township Administrator
Email Address: tpullion@edgewaterpark-nj.com	

Name (Building Department/Code Enforcement): Harry Moscatiello	Position/Department: Construction Official
Email Address: hmoscatiello@edgewaterpark-nj.com	

Name (Municipal Clerk):

Patricia Clayton

Position/Department:

Township Clerk

Email Address:

pclayton@edgewaterpark-nj.com

Name (Other Representative):

Chief Brett Evans

Position/Department:

Police Chief

Email Address:

bevans@edgewaterpark-nj.com

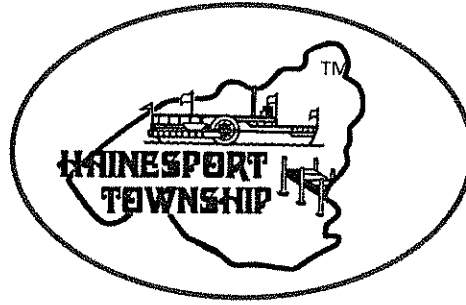
6. Recognizes that failure to meet the minimum participation expectations and deadlines, as determined by the Steering Committee will result in our municipality being excluded from the planning process.

Sincerely,

A handwritten signature in black ink, appearing to read 'M. Trainor', written over a horizontal line.

Mayor Michael Trainor  
Township of Edgewater Park

GERARD CLAUSS, *Mayor*  
KEN MONTGOMERY, *Deputy Mayor*  
LEILA GILMORE, *Committeewoman*  
ANNA EVANS, *Committeewoman*  
BRUCE LEVINSON, *Committeeman*  
  
PAULA L. KOSKO, *Administrator/Clerk*



P.O. Box 477  
1401 Marine Highway  
Hainesport, New Jersey 08036

Phone (609) 267-2730  
Fax (609) 261-4762

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July 31, 2023

Burlington County Office of Emergency Management  
1 Academy Drive  
Westampton, New Jersey 08060

Subject: Burlington County Multi-Jurisdictional All Hazards Mitigation Plan Update - Authorization and Letter of Intent to Participate  
Hainesport Township

Dear Ms. Carr:

This is to confirm that the Township of Hainesport is committed to participating in the Burlington County Multi-Jurisdictional All Hazards Mitigation Plan (HMP) update project. By way of this letter, the Township of Hainesport:

1. Authorizes Burlington County Office of Emergency Management and the Burlington County Hazard Mitigation Steering Committee ("Steering Committee"), to guide and direct this planning process, perform certain parts of the planning process, and prepare certain parts of the plan documents on our behalf.
2. Agrees to meet the minimum requirements of municipal participation (a.k.a. the Planning Partner Expectations), specifically:
  - Execute and return this "Authorization and Letter of Intent to Participate" letter to Burlington County Office of Emergency Management, attention: **KRISTEN CARR**.
  - Identify municipal representatives to serve as the planning point of contacts (POC), below. These people will be responsible for representing their community and assuring that these participation expectations are met by their community.
  - Support the Steering Committee selected to oversee the development of this plan.
  - Provide representation at municipal Planning Committee meetings (~ 3 meetings over 6-8 months, including a Kick-Off Meeting and a Mitigation Strategy Workshop).
  - Provide data and information about your community as requested by the Steering Committee or the contract consultant, including:
    - Structure and facility inventory data
    - Identification of new development and anticipated development
    - Identification of natural hazard risk areas
    - Identification of natural hazard events and losses that have impacted your community in the last five years
    - Identification of plans, studies, reports and ordinances addressing natural hazard risk
    - Identify mitigation activity in your community in the last five years, including progress on previously identified mitigation actions.
  - Support public outreach efforts in your community which may include:

- Providing notices of the planning project on your municipal website with links to a County project website
  - Providing notice of the planning project, the availability of Plan documents, and notice of public meetings via available local media (e.g. newsletters, flyers, email blasts, social media, etc.)
  - Advertising and supporting public meetings in your area
  - Supporting outreach to National Flood Insurance Program (NFIP) Repetitive Loss and Severe Repetitive Loss property owners in your community.
  - Assist with the identification of stakeholders within your community that should be informed and potentially involved with the planning process.
  - Completing data and information collection survey forms in a timely manner.
  - Identify specific mitigation actions to address each of the natural hazards posing significant [or high or medium] risk to your community.
  - Involve your local NFIP Floodplain Administrator in the planning process.
  - Review draft Plan sections when requested and provide comment and input as appropriate.
  - Adopt the Plan by resolution of their governing body after FEMA conditional approval.
  - Periodically provide the Steering Committee with reports of municipal staff and volunteer labor spent on the planning process.
3. Assigns the following persons to be the Points of Contact for our jurisdiction. We understand that these POCs are responsible for assuring municipal representation at municipal Planning Committee meetings, and assuring that the other minimum requirements of jurisdictional participation, as detailed in the Planning Partner Expectations above, are met.

Primary POC: William Challender	Position/Department: Emergency Management Coordinator
Phone Number: 609-209-2322	Email Address: wec23@verizon.net

Alternate/Secondary POC: George Myers	Position/Department: Deputy OEM Coordinator
Phone Number: 856-313-9353	Email Address: gmyers@hainesporttownship.com

4. Our designated local Floodplain Administrator (FPA) under the NFIP is:

Name of NFIP FPA: Ray Holshue	Position/Department: Construction Official
Phone Number: 609-832-6362	Email Address: rholshue@hainesporttownship.com

5. Meet participation expectations by including representatives from our community in the planning process. They will be invited to attend meetings, provide required information, and review the jurisdictional annex. Contact information for the different municipal representatives are included below.

Name (Engineer): Martin Miller	Position/Department: Alaimo Group
Email Address: mgmiller@alaimogroup.com	

Name (Lead Planner/Planning POC): Scott Taylor	Position/Department: Taylor Design Group
Email Address: staylor@tdgplanning.com	

Name (Public Works): Joe Crain	Position/Department: DPW Forman
Email Address: joecrain@hainesporttownship.com	

Name (Emergency Management): Willaim Challenger	Position/Department: OEM Coordinator
Email Address: wec23@verizon.net	

Name (Elected Official/Administrator): Gerard Clauss	Position/Department: Mayor
Email Address: gclauss@hainesporttownship.com	

Name (Building Department/Code Enforcement): Irene Barry	Position/Department: Code Enforcement Officer
Email Address: ibarry@hainesporttownship.com	

Name (Municipal Clerk): Paula Kosko

Position/Department: Municipal Clerk

Email Address: pkosko@hainesporttownship.com

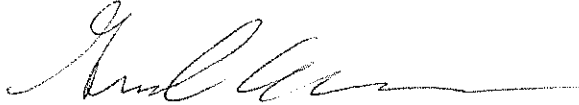
Name (Other Representative): Janice Ludden

Position/Department: Chair Environmental Commission

Email Address: janice@jklfamily.com

6. Recognizes that failure to meet the minimum participation expectations and deadlines, as determined by the Steering Committee will result in our municipality being excluded from the planning process.

Sincerely,

A handwritten signature in black ink, appearing to read "Janice Ludden", with a long horizontal flourish extending to the right.

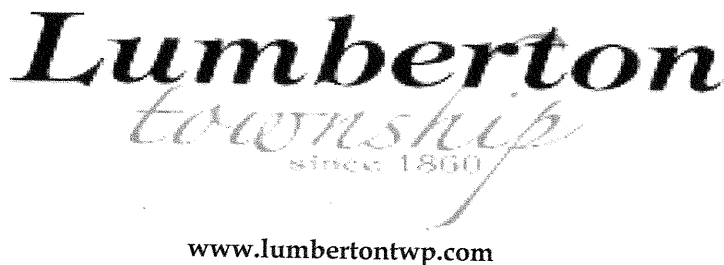
Mayor

Township of Hainesport



Mayor  
Terrance Benson

Township Committee  
Lori Faye  
Kendra Hatfield  
Gina LaPlaca  
Robert Rodriguez



Township Administrator  
Bobbie Quinn

Chief Finance Officer  
Tara Krueger, CFO

Township Clerk  
Bobbie Quinn, RMC

August 3, 2023

Burlington County Office of Emergency Management  
1 Academy Drive  
Westampton, New Jersey 08060

Subject: Burlington County Multi-Jurisdictional All Hazards Mitigation Plan Update - Authorization and Letter of Intent to Participate – Lumberton Township

Dear Ms. Carr:

This is to confirm that the Township of Lumberton is committed to participating in the Burlington County Multi-Jurisdictional All Hazards Mitigation Plan (HMP) update project. By way of this letter, the Township of Lumberton:

1. Authorizes Burlington County Office of Emergency Management and the Burlington County Hazard Mitigation Steering Committee ("Steering Committee"), to guide and direct this planning process, perform certain parts of the planning process, and prepare certain parts of the plan documents on our behalf.
2. Agrees to meet the minimum requirements of municipal participation (a.k.a. the Planning Partner Expectations), specifically:
  - Execute and return this "Authorization and Letter of Intent to Participate" letter to Burlington County Office of Emergency Management, attention: **KRISTEN CARR**.
  - Identify municipal representatives to serve as the planning point of contacts (POC), below. These people will be responsible for representing their community and assuring that these participation expectations are met by their community.
  - Support the Steering Committee selected to oversee the development of this plan.
  - Provide representation at municipal Planning Committee meetings (~ 3 meetings over 6-8 months, including a Kick-Off Meeting and a Mitigation Strategy Workshop).
  - Provide data and information about your community as requested by the Steering Committee or the contract consultant, including:
    - Structure and facility inventory data
    - Identification of new development and anticipated development
    - Identification of natural hazard risk areas
    - Identification of natural hazard events and losses that have impacted your community in the last five years
    - Identification of plans, studies, reports and ordinances addressing natural hazard risk
    - Identify mitigation activity in your community in the last five years, including progress on previously identified mitigation actions.



- Support public outreach efforts in your community which may include:
    - Providing notices of the planning project on your municipal website with links to a County project website
    - Providing notice of the planning project, the availability of Plan documents, and notice of public meetings via available local media (e.g. newsletters, flyers, email blasts, social media, etc.)
    - Advertising and supporting public meetings in your area
    - Supporting outreach to National Flood Insurance Program (NFIP) Repetitive Loss and Severe Repetitive Loss property owners in your community.
  - Assist with the identification of stakeholders within your community that should be informed and potentially involved with the planning process.
  - Completing data and information collection survey forms in a timely manner.
  - Identify specific mitigation actions to address each of the natural hazards posing significant [or high or medium] risk to your community.
  - Involve your local NFIP Floodplain Administrator in the planning process.
  - Review draft Plan sections when requested and provide comment and input as appropriate.
  - Adopt the Plan by resolution of their governing body after FEMA conditional approval.
  - Periodically provide the Steering Committee with reports of municipal staff and volunteer labor spent on the planning process.
3. Assigns the following persons to be the Points of Contact for our jurisdiction. We understand that these POCs are responsible for assuring municipal representation at municipal Planning Committee meetings, and assuring that the other minimum requirements of jurisdictional participation, as detailed in the Planning Partner Expectations above, are met.

Primary POC: Colleen Ekey

Position/Department: Emergency Management  
Coordinator, Lumberton Township

Phone Number: 609 815 1839

Email Address: cekey@lumbertontwp.com

Alternate/Secondary POC: Ryan W. Engle

Position/Department: Deputy EMC Lumberton  
Township

Phone Number: 609 685 5563

Email Address: rengle@lumbertonfire.org



4. Our designated local Floodplain Administrator (FPA) under the NFIP is:

Name of NFIP FPA: Bradley Regn

Position/Department: Construction Office

Phone Number: 609-267-3217, ext. 132

Email Address: bregn@lumbertontwp.com

5. Meet participation expectations by including representatives from our community in the planning process. They will be invited to attend meetings, provide required information, and review the jurisdictional annex. Contact information for the different municipal representatives are included below.

Name (Engineer): Rakesh Darji

Position/Department: Township Engineer

Email Address: rdarji@erinj.com

Name (Lead Planner/Planning POC): Leah Furey Buder

Position/Department: Township Planner

Email Address: lfbplan@gmail.com

Name (Public Works): Thomas Shover

Position/Department: Public Works Foreman

Email Address: tshover@lumbertontwp.com

Name (Emergency Management): Colleen Ekey

Position/Department: Coordinator

Email Address: cekey@lumbertontwp.com

Name (Elected Official/Administrator): Bobbie Quinn

Position/Department: Township Administrator

Email Address: [bquinn@lumbertontwp.com](mailto:bquinn@lumbertontwp.com)

# *Lumberton*

*township*  
since 1800

Name (Building Department/Code Enforcement): Bradley Regn      Position/Department: Construction Office

Email Address: [bregn@lumbertontwp.com](mailto:bregn@lumbertontwp.com)

Name (Municipal Clerk): Bobbie Quinn

Position/Department: Township Clerk

Email Address: [bquinn@lumbertontwp.com](mailto:bquinn@lumbertontwp.com)

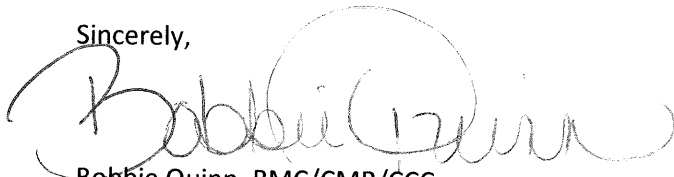
Name (Other Representative): Ryan W. Engle

Position/Department: Deputy Coordinator, OEM

Email Address: [rengle@lumbertonfire.org](mailto:rengle@lumbertonfire.org)

6. Recognizes that failure to meet the minimum participation expectations and deadlines, as determined by the Steering Committee will result in our municipality being excluded from the planning process.

Sincerely,



Bobbie Quinn, RMC/CMR/CCC

Township Administrator/Township Clerk/RVS/Clean Communities Coordinator



Founded 1688

*Mansfield Township Committee*  
**--County of Burlington--**

**3135 Route 206 South  
Suite 1  
Columbus, New Jersey 08022**

**Marcial Mojena, Mayor  
Rudy Ocello, Deputy Mayor  
Robert Tallon, Committeeman  
Daniel Golenda, Committeeman  
Brian Sisz, Committeeman**

**MUNICIPAL COMPLEX  
(609) 298-0542 ext 1011  
FAX: (609) 298-1863**

July 31, 2023

Burlington County Office of Emergency Management  
1 Academy Drive  
Westampton, New Jersey 08060

**Subject: Burlington County Multi-Jurisdictional All Hazards Mitigation Plan Update -  
Authorization and Letter of Intent to Participate  
Mansfield Township**

Dear Ms. Carr:

This is to confirm that the Township of Mansfield is committed to participating in the Burlington County Multi-Jurisdictional All Hazards Mitigation Plan (HMP) update project. By way of this letter, the Township of Mansfield:

1. Authorizes Burlington County Office of Emergency Management and the Burlington County Hazard Mitigation Steering Committee ("Steering Committee"), to guide and direct this planning process, perform certain parts of the planning process, and prepare certain parts of the plan documents on our behalf.
2. Agrees to meet the minimum requirements of municipal participation (a.k.a. the Planning Partner Expectations), specifically:
  - Execute and return this "Authorization and Letter of Intent to Participate" letter to Burlington County Office of Emergency Management, attention: **KRISTEN CARR**.
  - Identify municipal representatives to serve as the planning point of contacts (POC), below. These people will be responsible for representing their community and assuring that these participation expectations are met by their community.
  - Support the Steering Committee selected to oversee the development of this plan.
  - Provide representation at municipal Planning Committee meetings (~ 3 meetings over 6-8 months, including a Kick-Off Meeting and a Mitigation Strategy Workshop).
  - Provide data and information about your community as requested by the Steering Committee or the contract consultant, including:
    - Structure and facility inventory data

- Identification of new development and anticipated development
  - Identification of natural hazard risk areas
  - Identification of natural hazard events and losses that have impacted your community in the last five years
  - Identification of plans, studies, reports and ordinances addressing natural hazard risk
  - Identify mitigation activity in your community in the last five years, including progress on previously identified mitigation actions.
  - Support public outreach efforts in your community which may include:
    - Providing notices of the planning project on your municipal website with links to a County project website
    - Providing notice of the planning project, the availability of Plan documents, and notice of public meetings via available local media (e.g. newsletters, flyers, email blasts, social media, etc.)
    - Advertising and supporting public meetings in your area
    - Supporting outreach to National Flood Insurance Program (NFIP) Repetitive Loss and Severe Repetitive Loss property owners in your community.
  - Assist with the identification of stakeholders within your community that should be informed and potentially involved with the planning process.
  - Completing data and information collection survey forms in a timely manner.
  - Identify specific mitigation actions to address each of the natural hazards posing significant [or high or medium] risk to your community.
  - Involve your local NFIP Floodplain Administrator in the planning process.
  - Review draft Plan sections when requested and provide comment and input as appropriate.
  - Adopt the Plan by resolution of their governing body after FEMA conditional approval.
  - Periodically provide the Steering Committee with reports of municipal staff and volunteer labor spent on the planning process.
1. Assigns the following persons to be the Points of Contact for our jurisdiction. We understand that these POCs are responsible for assuring municipal representation at municipal Planning Committee meetings, and assuring that the other minimum requirements of jurisdictional participation, as detailed in the Planning Partner Expectations above, are met.

Primary POC: Douglas Borgstrom	Position/Department: OEM Coordinator
Phone Number: 609-298-5325 ext. 102	Email Address: oem@mansfieldtwp.com

Alternate/Secondary POC: George Senf	Position/Department: Emergency Mgmt. Assist. Coordinator
Phone Number: 609-298-3392 ext. 100	Email Address: <a href="mailto:gsenf@mansfieldtwp.com">gsenf@mansfieldtwp.com</a>



2. Our designated local Floodplain Administrator (FPA) under the NFIP is:

Name of NFIP FPA:	Position/Department:
Phone Number:	Email Address:

3. Meet participation expectations by including representatives from our community in the planning process. They will be invited to attend meetings, provide required information, and review the jurisdictional annex. Contact information for the different municipal representatives are included below.

Name (Engineer): Douglas Johnson, PE, CME, CPWM Remington & Vernick Engineers	Position/Department:
Email Address: <a href="mailto:Doug.Johnson@rve.com">Doug.Johnson@rve.com</a>	

Name (Lead Planner/Planning POC): Edward E. Fox, III, AICP, PP Environmental Resolutions	Position/Department:
Email Address: <a href="mailto:efox@erinj.com">efox@erinj.com</a>	

Name (Public Works): Frank Parkerson	Position/Department: Public Works Foreman
Email Address: <a href="mailto:PWForeman@mansfieldtwp.com">PWForeman@mansfieldtwp.com</a>	

Name (Emergency Management): Douglas Borgstrom	Position/Department: OEM Coordinator
Email Address: <a href="mailto:oem@mansfieldtwp.com">oem@mansfieldtwp.com</a>	

Name (Elected Official/Administrator): Michael Fitzpatrick	Position/Department: Administrator
Email Address: <a href="mailto:administrator@mansfieldtwp.com">administrator@mansfieldtwp.com</a>	

Name (Building Department/Code Enforcement):	Position/Department:
Edward Ruggiano	Zoning Official

Email Address:
<a href="mailto:zoning@mansfieldtwp.com">zoning@mansfieldtwp.com</a>

Name (Municipal Clerk):	Position/Department:
Linda Semus, RMC, CMR	Municipal Clerk

Email Address:
<a href="mailto:clerk@mansfieldtwp.com">clerk@mansfieldtwp.com</a>

Name (Other Representative):	Position/Department:
Ashley Jolly	Deputy Clerk

Email Address:
<a href="mailto:deputyclerk@mansfieldtwp.com">deputyclerk@mansfieldtwp.com</a>

4. Recognizes that failure to meet the minimum participation expectations and deadlines, as determined by the Steering Committee will result in our municipality being excluded from the planning process.

Sincerely,

  
MARCIAL MOJENA,  
Mayor

MM/lks

cc: Doug Borgstrom, OEM Coordinator  
Doug Johnson, Twp Engineer  
George Senf, OEM Asst. Coordinator  
Frank Parkerson, PW Foreman  
Michael Fitzpatrick, Administrator  
Ed Fox, Twp Planner



49 Union Street • Medford • NJ 08055 • 609/654-2608

[www.medfordtownship.com](http://www.medfordtownship.com)

MAIN FAX 609/953-4087

CLERK/FINANCE FAX 609/714-1790

CONSTRUCTION FAX 609/953-7720

PUBLIC WORKS FAX 609/654-7646

07/31/2023

Burlington County Office of Emergency Management

1 Academy Drive

Westampton, New Jersey 08060

Subject: Burlington County Multi-Jurisdictional All Hazards Mitigation Plan Update -  
Authorization and Letter of Intent to Participate Township of Medford.

Dear Ms. Carr:

This is to confirm that the Township of Medford is committed to participating in the Burlington County Multi-Jurisdictional All Hazards Mitigation Plan (HMP) update project. By way of this letter, the Township of Medford:

1. Authorizes Burlington County Office of Emergency Management and the Burlington County Hazard Mitigation Steering Committee ("Steering Committee"), to guide and direct this planning process, perform certain parts of the planning process, and prepare certain parts of the plan documents on our behalf.
2. Agrees to meet the minimum requirements of municipal participation (a.k.a. the Planning Partner Expectations), specifically:
  - Execute and return this "Authorization and Letter of Intent to Participate" letter to Burlington County Office of Emergency Management, attention: **KRISTEN CARR**.
  - Identify municipal representatives to serve as the planning point of contacts (POC), below. These people will be responsible for representing their community and assuring that these participation expectations are met by their community.
  - Support the Steering Committee selected to oversee the development of this plan.
  - Provide representation at municipal Planning Committee meetings (~ 3 meetings over 6-8 months, including a Kick-Off Meeting and a Mitigation Strategy Workshop).
  - Provide data and information about your community as requested by the Steering Committee or the contract consultant, including:
    - Structure and facility inventory data
    - Identification of new development and anticipated development
    - Identification of natural hazard risk areas
    - Identification of natural hazard events and losses that have impacted your community in the last five years.
    - Identification of plans, studies, reports, and ordinances addressing natural hazard risk
    - Identify mitigation activity in your community in the last five years, including progress on previously identified mitigation actions.
  - Support public outreach efforts in your community which may include:
    - Providing notices of the planning project on your municipal website with links to a County project website

- Providing notice of the planning project, the availability of Plan documents, and notice of public meetings via available local media (e.g., newsletters, flyers, email blasts, social media, etc.)
  - Advertising and supporting public meetings in your area
  - Supporting outreach to National Flood Insurance Program (NFIP) Repetitive Loss and Severe Repetitive Loss property owners in your community.
  - Assist with the identification of stakeholders within your community that should be informed and potentially involved with the planning process.
  - Completing data and information collection survey forms in a timely manner.
  - Identify specific mitigation actions to address each of the natural hazards posing significant [or high or medium] risk to your community.
  - Involve your local NFIP Floodplain Administrator in the planning process.
  - Review draft Plan sections when requested and provide comment and input as appropriate.
  - Adopt the Plan by resolution of their governing body after FEMA conditional approval.
  - Periodically provide the Steering Committee with reports of municipal staff and volunteer labor spent on the planning process.
3. Assigns the following persons to be the Points of Contact for our jurisdiction. We understand that these POCs are responsible for assuring municipal representation at municipal Planning Committee meetings, and assuring that the other minimum requirements of jurisdictional participation, as detailed in the Planning Partner Expectations above, are met.

Primary POC: Robert Dovi	Position/Department: OEM Coordinator/ Fire Chief Emergency Management
Phone Number: 609-953-3291 cell 609-743-0460	Email Address: rdovi@medfordfire.org

Alternate/Secondary POC: Clifford Rickards	Position/Department: Deputy OEM Emergency Management
Phone Number: 609-953-3291 cell 609-678-6527	Email Address: crickards@medfordfire.org

4. Our designated local Floodplain Administrator (FPA) under the NFIP is:

Name of NFIP FPA: Richard Falasco	Position/Department: Construction Official Construction Dept
Phone Number: 609-654-2608 Ext. 340	Email Address: rfalasco@medfordtownship.com

5. Meet participation expectations by including representatives from our community in the planning process. They will be invited to attend meetings, provide required information, and review the jurisdictional annex. Contact information for the different municipal representatives are included below.

Name (Engineer):  
Chris Noll ERI

Position/Department:  
Township Engineer/ ERI

Email Address:  
[cnoll@erinj.com](mailto:cnoll@erinj.com)

Name (Lead Planner/Planning POC):  
Scott Taylor

Position/Department:  
Township Planner/ Taylor Group

Email Address:  
[staylor@tdgplanning.com](mailto:staylor@tdgplanning.com)

Name (Public Works):  
Ronnie Fowler

Position/Department:  
Director of Public Works

Email Address:  
[rfowler@medfordtownship.com](mailto:rfowler@medfordtownship.com)

Name (Emergency Management):  
Robert Dovi

Position/Department:  
Emergency Management Coordinator

Email Address:  
[rdovi@medfordfire.org](mailto:rdovi@medfordfire.org)

Name (Elected Official/Administrator):  
Charles Watson

Position/Department:  
Mayor

Email Address:  
[cwatson@medfordtownship.com](mailto:cwatson@medfordtownship.com)

Name (Building Department/Code Enforcement):  
Richard Falasco

Position/Department:  
Construction Official Construction Dept

Email Address:  
[rfalasco@medfordtownship.com](mailto:rfalasco@medfordtownship.com)

Name (Municipal Clerk):

Katherine Burger

Position/Department:

Municipal Clerk

Email Address:

kburger@medfordtownship.com

Name (Other Representative):

Beth Portocalis

Position/Department:

Exec. Assistant to the Manager & Open Space  
Coordinator

Email Address:

bportocalis@medfordtownship.com

6. Recognizes that failure to meet the minimum participation expectations and deadlines, as determined by the Steering Committee, will result in our municipality being excluded from the planning process.

Sincerely,



Township Manager

Township of Medford





# North Hanover Township

## Municipal Building

41 Schoolhouse Road · Jacobstown · New Jersey 08562-2106

Phone: (609) 758-2522

July 27, 2023

Burlington County Office of Emergency Management  
1 Academy Drive  
Westampton, New Jersey 08060

Subject: Burlington County Multi-Jurisdictional All Hazards Mitigation Plan Update -  
Authorization and Letter of Intent to Participate  
*North Hanover Township*

Dear Ms. Carr:

This is to confirm that the North Hanover Township] is committed to participating in the Burlington County Multi-Jurisdictional All Hazards Mitigation Plan (HMP) update project. By way of this letter, the North Hanover Township:

1. Authorizes Burlington County Office of Emergency Management and the Burlington County Hazard Mitigation Steering Committee ("Steering Committee"), to guide and direct this planning process, perform certain parts of the planning process, and prepare certain parts of the plan documents on our behalf.
2. Agrees to meet the minimum requirements of municipal participation (a.k.a. the Planning Partner Expectations), specifically:
  - Execute and return this "Authorization and Letter of Intent to Participate" letter to Burlington County Office of Emergency Management, attention: **KRISTEN CARR**.
  - Identify municipal representatives to serve as the planning point of contacts (POC), below. These people will be responsible for representing their community and assuring that these participation expectations are met by their community.
  - Support the Steering Committee selected to oversee the development of this plan.
  - Provide representation at municipal Planning Committee meetings (~ 3 meetings over 6-8 months, including a Kick-Off Meeting and a Mitigation Strategy Workshop).
  - Provide data and information about your community as requested by the Steering Committee or the contract consultant, including:
    - Structure and facility inventory data
    - Identification of new development and anticipated development
    - Identification of natural hazard risk areas
    - Identification of natural hazard events and losses that have impacted your community in the last five years
    - Identification of plans, studies, reports and ordinances addressing natural hazard risk
    - Identify mitigation activity in your community in the last five years, including progress on previously identified mitigation actions.



- Support public outreach efforts in your community which may include:
    - Providing notices of the planning project on your municipal website with links to a County project website
    - Providing notice of the planning project, the availability of Plan documents, and notice of public meetings via available local media (e.g. newsletters, flyers, email blasts, social media, etc.)
    - Advertising and supporting public meetings in your area
    - Supporting outreach to National Flood Insurance Program (NFIP) Repetitive Loss and Severe Repetitive Loss property owners in your community.
  - Assist with the identification of stakeholders within your community that should be informed and potentially involved with the planning process.
  - Completing data and information collection survey forms in a timely manner.
  - Identify specific mitigation actions to address each of the natural hazards posing significant [or high or medium] risk to your community.
  - Involve your local NFIP Floodplain Administrator in the planning process.
  - Review draft Plan sections when requested and provide comment and input as appropriate.
  - Adopt the Plan by resolution of their governing body after FEMA conditional approval.
  - Periodically provide the Steering Committee with reports of municipal staff and volunteer labor spent on the planning process.
3. Assigns the following persons to be the Points of Contact for our jurisdiction. We understand that these POCs are responsible for assuring municipal representation at municipal Planning Committee meetings, and assuring that the other minimum requirements of jurisdictional participation, as detailed in the Planning Partner Expectations above, are met.

Primary POC: Richard Mellor	Position/Department: EMC/POLICE
Phone Number: 609-758-2522 X216	Email Address: RMELLOR@NORTHHANOVERTWP.COM

Alternate/Secondary POC: Benjamin Palombi	Position/Department: Deputy EMC
Phone Number: 609-758-2522 X241	Email Address: BPALOMBI@NORTHHANOVERTWP.COM

4. Our designated local Floodplain Administrator (FPA) under the NFIP is:

Name of NFIP FPA: Alexandra DeGood	Position/Department: Zoning Officer
Phone Number: 609-758-2522 x215	Email Address: ADEGOOD@NORTHHANOVERTWP.COM

5. Meet participation expectations by including representatives from our community in the planning process. They will be invited to attend meetings, provide required information, and review the jurisdictional annex. Contact information for the different municipal representatives are included below.

Name (Engineer): Joseph Hirsh	Position/Department: Township Engineer
Email Address: jhirsh@erinj.com	

Name (Lead Planner/Planning POC): Ed Fox	Position/Department: Township Planner
Email Address: efox@erinj.com	

Name (Public Works):	Position/Department:
Email Address:	

Name (Emergency Management): Richard Mellor	Position/Department: EMC
Email Address: rmellor@northhanovertwp.com	

Name (Elected Official/Administrator): David Forsyth Jr.	Position/Department: Mayor
Email Address: dforsythjr@northhanovertwp.com	

Name (Building Department/Code Enforcement): Jef Jones	Position/Department: Construction Official
Email Address: jjones@northhanovertwp.com	

Name (Municipal Clerk):

Mary Picariello

Position/Department:

Township Clerk

Email Address:

clerk@northhanovertwp.com

Name (Other Representative):

Brendan O'Donnell

Position/Department:

Deputy Mayor

Email Address:

bodonnell@northhanovertwp.com

6. Recognizes that failure to meet the minimum participation expectations and deadlines, as determined by the Steering Committee will result in our municipality being excluded from the planning process.

Sincerely,



David Forsyth Jr.  
Mayor



## BOROUGH OF PEMBERTON

INCORPORATED 1826

50 Egbert Street  
Pemberton, NJ 08068  
609-894-8222

Kathy Smick  
Clerk  
August 21, 2023

Harold Griffin  
Mayor

Burlington County Office of Emergency Management  
1 Academy Drive  
Westampton, New Jersey 08060

Subject: Burlington County Multi-Jurisdictional All Hazards Mitigation Plan Update -  
Authorization and Letter of Intent to Participate  
Pemberton Borough

Dear Ms. Carr:

This is to confirm that the Borough of Pemberton is committed to participating in the Burlington County Multi-Jurisdictional All Hazards Mitigation Plan (HMP) update project. By way of this letter, the Borough of Pemberton:

1. Authorizes Burlington County Office of Emergency Management and the Burlington County Hazard Mitigation Steering Committee ("Steering Committee"), to guide and direct this planning process, perform certain parts of the planning process, and prepare certain parts of the plan documents on our behalf.
2. Agrees to meet the minimum requirements of municipal participation (a.k.a. the Planning Partner Expectations), specifically:
  - Execute and return this "Authorization and Letter of Intent to Participate" letter to Burlington County Office of Emergency Management, attention: **KRISTEN CARR**.
  - Identify municipal representatives to serve as the planning point of contacts (POC), below. These people will be responsible for representing their community and assuring that these participation expectations are met by their community.
  - Support the Steering Committee selected to oversee the development of this plan.
  - Provide representation at municipal Planning Committee meetings (~ 3 meetings over 6-8 months, including a Kick-Off Meeting and a Mitigation Strategy Workshop).
  - Provide data and information about your community as requested by the Steering Committee or the contract consultant, including:
    - Structure and facility inventory data
    - Identification of new development and anticipated development
    - Identification of natural hazard risk areas
    - Identification of natural hazard events and losses that have impacted your community in the last five years
    - Identification of plans, studies, reports and ordinances addressing natural hazard risk
    - Identify mitigation activity in your community in the last five years, including progress on previously identified mitigation actions.
  - Support public outreach efforts in your community which may include:

- Providing notices of the planning project on your municipal website with links to a County project website
  - Providing notice of the planning project, the availability of Plan documents, and notice of public meetings via available local media (e.g. newsletters, flyers, email blasts, social media, etc.)
  - Advertising and supporting public meetings in your area
  - Supporting outreach to National Flood Insurance Program (NFIP) Repetitive Loss and Severe Repetitive Loss property owners in your community.
  - Assist with the identification of stakeholders within your community that should be informed and potentially involved with the planning process.
  - Completing data and information collection survey forms in a timely manner.
  - Identify specific mitigation actions to address each of the natural hazards posing significant [or high or medium] risk to your community.
  - Involve your local NFIP Floodplain Administrator in the planning process.
  - Review draft Plan sections when requested and provide comment and input as appropriate.
  - Adopt the Plan by resolution of their governing body after FEMA conditional approval.
  - Periodically provide the Steering Committee with reports of municipal staff and volunteer labor spent on the planning process.
3. Assigns the following persons to be the Points of Contact for our jurisdiction. We understand that these POCs are responsible for assuring municipal representation at municipal Planning Committee meetings, and assuring that the other minimum requirements of jurisdictional participation, as detailed in the Planning Partner Expectations above, are met.

Primary POC: Kathy Smick	Position/Department: Municipal Clerk
Phone Number: 609-894-8222	Email Address: ksmick@pemberton.comcastbiz.net

Alternate/Secondary POC: Edward Hunter	Position/Department: Chief/Police
Phone Number: 609-894-8222	Email Address: ehunter20@pembertonborough.us

4. Our designated local Floodplain Administrator (FPA) under the NFIP is:

Name of NFIP FPA: Pennoni Engineers	Position/Department: Engineers
Phone Number: 856-656-2866	Email Address: hdougherty@pennoni.com



5. Meet participation expectations by including representatives from our community in the planning process. They will be invited to attend meetings, provide required information, and review the jurisdictional annex. Contact information for the different municipal representatives are included below.

Name (Engineer):

Hugh Dougherty

Position/Department:

Engineer

Email Address:

[hdougherty@pennoni.com](mailto:hdougherty@pennoni.com)

Name (Lead Planner/Planning POC):

Jim Mullan

Position/Department:

Engineer/Planner

Email Address:

[jmullan@pennoni.com](mailto:jmullan@pennoni.com)

Name (Public Works):

Steve Phillips

Position/Department:

Coordinator / Public Works

Email Address:

[sphillips@pemberton.comcastbiz.net](mailto:sphillips@pemberton.comcastbiz.net)

Name (Emergency Management):

Chad Bozski

Position/Department:

OEM

Email Address:

[gwfd1900@yahoo.com](mailto:gwfd1900@yahoo.com)

Name (Elected Official/Administrator):

Harold Griffin

Position/Department:

Mayor

Email Address:

[hgriffin@pemberton.comcastbiz.net](mailto:hgriffin@pemberton.comcastbiz.net)

Name (Building Department/Code Enforcement):

Steve Phillips

Position/Department:

Code Enforcement

Email Address:

[sphillips@pemberton.comcastbiz.net](mailto:sphillips@pemberton.comcastbiz.net)

Name (Municipal Clerk):

Kathy Smick

Position/Department:

Municipal Clerk

Email Address:

ksmick@pemberton.comcastbiz.net

Name (Other Representative):

Terry Jerome

Position/Department:

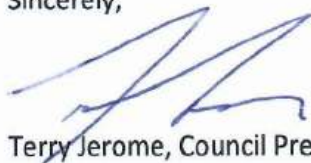
Councilman

Email Address:

ksmick@pemberton.comcastbiz.net

6. Recognizes that failure to meet the minimum participation expectations and deadlines, as determined by the Steering Committee will result in our municipality being excluded from the planning process.

Sincerely,

A handwritten signature in blue ink, appearing to be 'TJ' or 'Terry Jerome', written over a horizontal line.

Terry Jerome, Council President  
Pemberton Borough

Mayor  
Jack K. Tompkins

Business Administrator  
Daniel Hornickel



Council  
Paul Detrick  
Daniel Dewey  
Donovan Gardner  
Elisabeth McCartney  
Joshua Ward

August 9, 2023

(via email to [KrCarr@co.burlington.nj.us](mailto:KrCarr@co.burlington.nj.us))

Burlington County Office of Emergency Mgmt.  
1 Academy Drive  
Westampton, New Jersey 08060

Re: Burlington County Multi-Jurisdictional All Hazards Mitigation Plan Update –  
Authorization and Letter of Intent to Participate (Pemberton Township)

Dear Ms. Carr:

This is to confirm that the Pemberton Township is committed to participating in the Burlington County Multi-Jurisdictional All Hazards Mitigation Plan (HMP) update project. By way of this letter, Pemberton Township:

1. Authorizes Burlington County Office of Emergency Management and the Burlington County Hazard Mitigation Steering Committee (“Steering Committee”), to guide and direct this planning process, perform certain parts of the planning process, and prepare certain parts of the plan documents on our behalf.
2. Agrees to meet the minimum requirements of municipal participation (a.k.a. the Planning Partner Expectations), specifically:
  - Execute and return this “Authorization and Letter of Intent to Participate” letter to Burlington County Office of Emergency Management, attention: **KRISTEN CARR**.
  - Identify municipal representatives to serve as the planning point of contacts (POC), below. These people will be responsible for representing their community and assuring that these participation expectations are met by their community.
  - Support the Steering Committee selected to oversee the development of this plan.
  - Provide representation at municipal Planning Committee meetings (~ 3 meetings over 6-8 months, including a Kick-Off Meeting and a Mitigation Strategy Workshop).
  - Provide data and information about your community as requested by the Steering Committee or the contract consultant, including:
    - Structure and facility inventory data
    - Identification of new development and anticipated development
    - Identification of natural hazard risk areas
    - Identification of natural hazard events and losses that have impacted your community in the last five years



- Identification of plans, studies, reports and ordinances addressing natural hazard risk
  - Identify mitigation activity in your community in the last five years, including progress on previously identified mitigation actions.
  - Support public outreach efforts in your community which may include:
    - Providing notices of the planning project on your municipal website with links to a County project website
    - Providing notice of the planning project, the availability of Plan documents, and notice of public meetings via available local media (e.g. newsletters, flyers, email blasts, social media, etc.)
    - Advertising and supporting public meetings in your area
    - Supporting outreach to National Flood Insurance Program (NFIP) Repetitive Loss and Severe Repetitive Loss property owners in your community.
  - Assist with the identification of stakeholders within your community that should be informed and potentially involved with the planning process.
  - Completing data and information collection survey forms in a timely manner.
  - Identify specific mitigation actions to address each of the natural hazards posing significant [or high or medium] risk to your community.
  - Involve your local NFIP Floodplain Administrator in the planning process.
  - Review draft Plan sections when requested and provide comment and input as appropriate.
  - Adopt the Plan by resolution of their governing body after FEMA conditional approval.
  - Periodically provide the Steering Committee with reports of municipal staff and volunteer labor spent on the planning process.
3. Assigns the following persons to be the Points of Contact for our jurisdiction. We understand that these POCs are responsible for assuring municipal representation at municipal Planning Committee meetings, and assuring that the other minimum requirements of jurisdictional participation, as detailed in the Planning Partner Expectations above, are met.

Primary POC: Craig Augustoni

Position/Department: Fire Chief & OEM Coordinator

Phone Number: (609) 894-3382

Email: [firechief@pemberton-twp.com](mailto:firechief@pemberton-twp.com)

Alternate/Secondary POC: Michele Brown

Position/Department: Assistant to Mayor & Business Administrator

Phone Number: (609) 894-3304

Email Address: [mbrown@pemberton-twp.com](mailto:mbrown@pemberton-twp.com)

4. Our designated local Floodplain Administrator (FPA) under the NFIP is:

Name of NFIP FPA: Adam Gee

Position/Department: Construction Official  
Community Development Department

Phone Number: (609) 894-3384

Email Address: [agee@pemberton-twp.com](mailto:agee@pemberton-twp.com)

5. Meet participation expectations by including representatives from our community in the planning process. They will be invited to attend meetings, provide required information, and review the jurisdictional annex. Contact information for the different municipal representatives are included below.

Name (Engineer): Position/Department:

Email Address:

Name (Lead Planner/Planning POC): Position/Department:

Email Address:

Name (Public Works): Tom McNaughton Position/Department: Director of Public Works

Email Address: [tmcnaughton@pemberton-twp.com](mailto:tmcnaughton@pemberton-twp.com)

Name (Emergency Management): Position/Department: See Fire Chief above

Email Address:

Name (Elected Official/Administrator): Daniel Hornickel Position/Department: Township Business Administrator

Email Address: [ba@pemberton-twp.com](mailto:ba@pemberton-twp.com)

Name (Building Department/Code Enforcement): Rosemary Flaherty Position/Department: Director, Community Development

Email Address: [CDdirector@pemberton-twp.com](mailto:CDdirector@pemberton-twp.com)

Name (Municipal Clerk):

Amy Cosnoski

Position/Department:

Township Clerk

Email Address: [acosnoski@pemberton-twp.com](mailto:acosnoski@pemberton-twp.com)

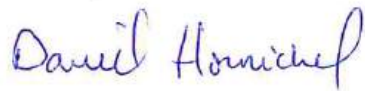
Name (Other Representative):

Position/Department:

Email Address:

6. Recognizes that failure to meet the minimum participation expectations and deadlines, as determined by the Steering Committee will result in our municipality being excluded from the planning process.

Sincerely,



Daniel Hornickel  
Business Administrator

August 14, 2023

Burlington County Office of Emergency Management  
1 Academy Drive  
Westampton, New Jersey 08060

Subject: Burlington County Multi-Jurisdictional All Hazards Mitigation Plan Update -  
Authorization and Letter of Intent to Participate  
Shamong Township

Dear Ms. Carr:

This is to confirm that Shamong Township is committed to participating in the Burlington County Multi-Jurisdictional All Hazards Mitigation Plan (HMP) update project. By way of this letter, Shamong Township:

1. Authorizes Burlington County Office of Emergency Management and the Burlington County Hazard Mitigation Steering Committee ("Steering Committee"), to guide and direct this planning process, perform certain parts of the planning process, and prepare certain parts of the plan documents on our behalf.
2. Agrees to meet the minimum requirements of municipal participation (a.k.a. the Planning Partner Expectations), specifically:
  - Execute and return this "Authorization and Letter of Intent to Participate" letter to Burlington County Office of Emergency Management, attention: **KRISTEN CARR**.
  - Identify municipal representatives to serve as the planning point of contacts (POC), below. These people will be responsible for representing their community and assuring that these participation expectations are met by their community.
  - Support the Steering Committee selected to oversee the development of this plan.
  - Provide representation at municipal Planning Committee meetings (~ 3 meetings over 6-8 months, including a Kick-Off Meeting and a Mitigation Strategy Workshop).
  - Provide data and information about your community as requested by the Steering Committee or the contract consultant, including:
    - Structure and facility inventory data
    - Identification of new development and anticipated development
    - Identification of natural hazard risk areas
    - Identification of natural hazard events and losses that have impacted your community in the last five years
    - Identification of plans, studies, reports and ordinances addressing natural hazard risk
    - Identify mitigation activity in your community in the last five years, including progress on previously identified mitigation actions.
  - Support public outreach efforts in your community which may include:
    - Providing notices of the planning project on your municipal website with links to a County project website

- Providing notice of the planning project, the availability of Plan documents, and notice of public meetings via available local media (e.g. newsletters, flyers, email blasts, social media, etc.)
  - Advertising and supporting public meetings in your area
  - Supporting outreach to National Flood Insurance Program (NFIP) Repetitive Loss and Severe Repetitive Loss property owners in your community.
  - Assist with the identification of stakeholders within your community that should be informed and potentially involved with the planning process.
  - Completing data and information collection survey forms in a timely manner.
  - Identify specific mitigation actions to address each of the natural hazards posing significant [or high or medium] risk to your community.
  - Involve your local NFIP Floodplain Administrator in the planning process.
  - Review draft Plan sections when requested and provide comment and input as appropriate.
  - Adopt the Plan by resolution of their governing body after FEMA conditional approval.
  - Periodically provide the Steering Committee with reports of municipal staff and volunteer labor spent on the planning process.
3. Assigns the following persons to be the Points of Contact for our jurisdiction. We understand that these POCs are responsible for assuring municipal representation at municipal Planning Committee meetings, and assuring that the other minimum requirements of jurisdictional participation, as detailed in the Planning Partner Expectations above, are met.

Primary POC: John Lyons	Position/Department: OEM Coordinator
Phone Number: 609 618 7991	Email Address: ShamongOEM@gmail.com

Alternate/Secondary POC: Susan Onorato	Position/Department: Twp Administrator/Clerk
Phone Number: 609 268 2377	Email Address: Sonorato@shamong.net

4. Our designated local Floodplain Administrator (FPA) under the NFIP is:

Name of NFIP FPA: Joe Hirsh	Position/Department: Engineer
Phone Number: 856 235 7170	Email Address: JHirsh@erinj.com

5. Meet participation expectations by including representatives from our community in the planning process. They will be invited to attend meetings, provide required information, and review the jurisdictional annex. Contact information for the different municipal representatives are included below.

Name (Engineer): Joe Hirsh

Position/Department: Engineer

Email Address: JHirsh@erinj.com

Name (Lead Planner/Planning POC): John Lyons

Position/Department: OEM Coordinator

Email Address: ShamongOEM@gmail.com

Name (Public Works): Gary Welsh

Position/Department: DPW Supervisor

Email Address: JRobertson@shamong.net

Name (Emergency Management): John Lyons

Position/Department: OEM Coordinator

Email Address: ShamongOEM@gmail.com

Name (Elected Official/Administrator): Mike DiCroce

Position/Department: Mayor

Email Address:  
MikeDiCroceShamong@comcast.net

Name (Building Department/Code Enforcement):  
Ed Toussaint

Position/Department: Code Official

Email Address: KSummers@shamong.net

Name (Municipal Clerk): Susan Onorato

Position/Department: Admin/Clerk

Email Address: Sonorato@shamong.net

Name (Other Representative):

Position/Department:

Email Address:

6. Recognizes that failure to meet the minimum participation expectations and deadlines, as determined by the Steering Committee will result in our municipality being excluded from the planning process.

Sincerely,

Mayor Mike DiCroce  
Shamong Township





## TOWNSHIP OF SOUTHAMPTON

5 Retreat Road  
Southampton, NJ 08088  
Kathleen D. Hoffman, Administrative/Clerk  
[clerksoffice@southamptonnj.org](mailto:clerksoffice@southamptonnj.org)

Phone # 609 859-2736  
Fax # 609 388-5532

August 7, 2023

Burlington County Office of Emergency Management  
1 Academy Drive  
Westampton, New Jersey 08060

Subject: Burlington County Multi-Jurisdictional All Hazards Mitigation Plan Update -  
Authorization and Letter of Intent to Participate  
Township of Southampton

Dear Ms. Carr:

This is to confirm that the Township of Southampton is committed to participating in the Burlington County Multi-Jurisdictional All Hazards Mitigation Plan (HMP) update project. By way of this letter, the Township of Southampton:

1. Authorizes Burlington County Office of Emergency Management and the Burlington County Hazard Mitigation Steering Committee ("Steering Committee"), to guide and direct this planning process, perform certain parts of the planning process, and prepare certain parts of the plan documents on our behalf.
2. Agrees to meet the minimum requirements of municipal participation (a.k.a. the Planning Partner Expectations), specifically:
  - Execute and return this "Authorization and Letter of Intent to Participate" letter to Burlington County Office of Emergency Management, attention: **KRISTEN CARR**.
  - Identify municipal representatives to serve as the planning point of contacts (POC), below. These people will be responsible for representing their community and assuring that these participation expectations are met by their community.
  - Support the Steering Committee selected to oversee the development of this plan.
  - Provide representation at municipal Planning Committee meetings (~ 3 meetings over 6-8 months, including a Kick-Off Meeting and a Mitigation Strategy Workshop).
  - Provide data and information about your community as requested by the Steering Committee or the contract consultant, including:
    - Structure and facility inventory data
    - Identification of new development and anticipated development
    - Identification of natural hazard risk areas
    - Identification of natural hazard events and losses that have impacted your community in the last five years
    - Identification of plans, studies, reports and ordinances addressing natural hazard risk
    - Identify mitigation activity in your community in the last five years, including progress on previously identified mitigation actions.
  - Support public outreach efforts in your community which may include:



- Providing notices of the planning project on your municipal website with links to a County project website
  - Providing notice of the planning project, the availability of Plan documents, and notice of public meetings via available local media (e.g. newsletters, flyers, email blasts, social media, etc.)
  - Advertising and supporting public meetings in your area
  - Supporting outreach to National Flood Insurance Program (NFIP) Repetitive Loss and Severe Repetitive Loss property owners in your community.
  - Assist with the identification of stakeholders within your community that should be informed and potentially involved with the planning process.
  - Completing data and information collection survey forms in a timely manner.
  - Identify specific mitigation actions to address each of the natural hazards posing significant [or high or medium] risk to your community.
  - Involve your local NFIP Floodplain Administrator in the planning process.
  - Review draft Plan sections when requested and provide comment and input as appropriate.
  - Adopt the Plan by resolution of their governing body after FEMA conditional approval.
  - Periodically provide the Steering Committee with reports of municipal staff and volunteer labor spent on the planning process.
3. Assigns the following persons to be the Points of Contact for our jurisdiction. We understand that these POCs are responsible for assuring municipal representation at municipal Planning Committee meetings, and assuring that the other minimum requirements of jurisdictional participation, as detailed in the Planning Partner Expectations above, are met.

Primary POC: Eamonn Fitzpatrick-Ruth	Position/Department: OEM
Phone Number: (609) 379-9718	Email Address: efitzpatrick@southamptonnj.org

Alternate/Secondary POC: Donna Fascenda	Position/Department: Administrative Assistant
Phone Number: 609 859-2736 option 5	Email Address: dfascenda@southamptonnj.org

4. Our designated local Floodplain Administrator (FPA) under the NFIP is:

Name of NFIP FPA: Eamonn Fitzpatrick-Ruth	Position/Department: OEM
Phone Number: (609) 379-9718	Email Address: efitzpatrick@southamptonnj.org

5. Meet participation expectations by including representatives from our community in the planning process. They will be invited to attend meetings, provide required information, and review the jurisdictional annex. Contact information for the different municipal representatives are included below.

Name (Engineer):  
Alaimo Co. William Long  
  
Email Address:  
wlong@alaimogroup.com

Position/Department:  
Township Engineer

Name (Lead Planner/Planning POC):  
ERI Inc. Ed Fox  
  
Email Address:  
efox@erinj.com

Position/Department:  
Engineer

Name (Public Works):  
Ryan Hagerthey  
  
Email Address:  
pw@southamptonnj.org

Position/Department:  
Public Works Supervisor

Name (Emergency Management):  
Eamonn Fitzpatrick-Ruth  
  
Email Address:  
efitzpatrick@southamptonnj.org

Position/Department:  
OEM

Name (Elected Official/Administrator):  
Kathleen D. Hoffman  
  
Email Address:  
khoffman@southamptonnj.org

Position/Department:  
Administrator/Clerk

Name (Building Department/Code Enforcement):  
Cliff Spencer  
  
Email Address:  
code@southamptonnj.org

Position/Department:  
Code Enforcement

Name (Municipal Clerk):

Kathleen Hoffman

Position/Department:

Administrator/Clerk

Email Address:

[khoffman@southamptonnj.org](mailto:khoffman@southamptonnj.org)

Name (Other Representative):

Michael Mikulski

Position/Department:

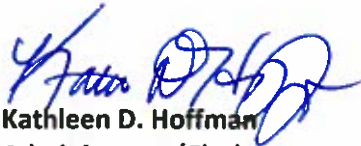
Mayor

Email Address:

[mmikulski@southamptonnj.org](mailto:mmikulski@southamptonnj.org)

6. Recognizes that failure to meet the minimum participation expectations and deadlines, as determined by the Steering Committee will result in our municipality being excluded from the planning process.

Sincerely,



Kathleen D. Hoffman  
Administrator/Clerk

October 31, 2023

Burlington County Office of Emergency Management  
1 Academy Drive  
Westampton, New Jersey 08060  
KRCARR@CO.BURLINGTON.NJ.US

**Subject: Burlington County Multi-Jurisdictional All Hazards Mitigation Plan Update -  
Authorization and Letter of Intent to Participate – Willingboro Township**

Dear Ms. Carr:

This is to confirm that Willingboro Township is committed to participating in the Burlington County Multi-Jurisdictional All Hazards Mitigation Plan (HMP) update project. By way of this letter, Willingboro Township:

1. Authorizes Burlington County Office of Emergency Management and the Burlington County Hazard Mitigation Steering Committee (“Steering Committee”), to guide and direct this planning process, perform certain parts of the planning process, and prepare certain parts of the plan documents on our behalf.
2. Agrees to meet the minimum requirements of municipal participation (a.k.a. the Planning Partner Expectations), specifically:
  - Execute and return this “Authorization and Letter of Intent to Participate” letter to Burlington County Office of Emergency Management, attention: **KRISTEN CARR**.
  - Identify municipal representatives to serve as the planning point of contact (POC), below. These people will be responsible for representing their community and assuring that these participation expectations are met by their community.
  - Support the Steering Committee selected to oversee the development of this plan.
  - Provide representation at municipal Planning Committee meetings (~ 3 meetings over 6-8 months, including a Kick-Off Meeting and a Mitigation Strategy Workshop).
  - Provide data and information about your community as requested by the Steering Committee or the contract consultant, including:
    - Structure and facility inventory data
    - Identification of new development and anticipated development
    - Identification of natural hazard risk areas
    - Identification of natural hazard events and losses that have impacted your community in the last five years.
    - Identification of plans, studies, reports, and ordinances addressing natural hazard risk
    - Identify mitigation activity in your community in the last five years, including progress on previously identified mitigation actions.
  - Support public outreach efforts in your community which may include:
    - Providing notices of the planning project on your municipal website with links to a county project website

**TOWNSHIP OF WILLINGBORO**

---

- Providing notice of the planning project, the availability of Plan documents, and notice of public meetings via available local media (e.g., newsletters, flyers, email blasts, social media, etc.)
  - Advertising and supporting public meetings in your area.
  - Supporting outreach to the National Flood Insurance Program (NFIP) Repetitive Loss and Severe Repetitive Loss property owners in your community.
  - Assist with the identification of stakeholders within your community that should be informed and potentially involved with the planning process.
  - Completing data and information collection survey forms in a timely manner.
  - Identify specific mitigation actions to address each of the natural hazards posing significant [or high or medium] risk to your community.
  - Involve your local NFIP Floodplain Administrator in the planning process.
  - Review draft Plan sections when requested and provide comments and input as appropriate.
  - Adopt the Plan by resolution of their governing body after FEMA conditional approval.
  - Periodically provide the Steering Committee with reports of municipal staff and volunteer labor spent on the planning process.
3. Assign the following people to be the Points of Contact for our jurisdiction. We understand that these POCs are responsible for assuring municipal representation at municipal Planning Committee meetings and assuring that the other minimum requirements of jurisdictional participation, as detailed in the Planning Partner Expectations above, are met.

Primary POC: <b>Richard Wilson III</b>	Position/Department: <b>Asst. Supervisor - DPW</b>
Phone Number: <b>609-667-3531</b>	Email Address: <b>rwilsonIII@willingboronj.gov</b>

Alternate/Secondary POC: <b>Richard Brevogel</b>	Position/Department: <b>Consultant - DPW</b>
Phone Number: 609-468-4053	Email Address: <b>krbrevogel@comcast.net</b>

4. Our designated local Floodplain Administrator (FPA) under the NFIP is:

Name of NFIP FPA: <b>TBD</b>	Position/Department:
Phone Number:	Email Address:

## TOWNSHIP OF WILLINGBORO

5. Meet participation expectations by including representatives from our community in the planning process. They will be invited to attend meetings, provide required information, and review the jurisdictional annex. Contact information for the different municipal representatives is included below.

Name (Engineer): **Hugh J. Dougherty** Position/Department: **Township Engineer**

Email Address: HDougherty@Pennoni.com

Name (Lead Planner/Planning POC): Greg Valesi Position/Department: Planner - CME Assoc.

Email Address: GregV@cmeusa1.com

Name (Public Works): Marvin Harris Position/Department: Acting Superintendent - DPW

Email Address: mharris@willingboronj.gov

Name (Emergency Management): John Carroll Position/Department: Director OEM

Email Address: jcarroll@willingboronj.gov

Name (Administrator): Dwayne M. Harris Position/Department: Township Manager

Email Address: dharris@willingboronj.gov

Name (Code Enforcement): Dennis Tunstall Position/ Department: Inspections/Code Enforcement

Email Address: dtunstall@willingboronj.gov

## **TOWNSHIP OF WILLINGBORO**

One Rev. Dr. Martin Luther King, Jr. Drive • Willingboro, NJ 08046  
P: 609.877.2200 • F: 609.835.0782 • Willingboronj.gov

Name (Municipal Clerk): Brenda Bligen

Position/Department: Acting Township Clerk

Email Address: bbligen@willingboronj.gov

Name (Other Representative): Gary Lawery III

Position/Department: Deputy Township Manager

Email Address: glawery@willingboronj.gov

6. Recognizes that failure to meet the minimum participation expectations and deadlines, as determined by the Steering Committee, will result in our municipality being excluded from the planning process.

Sincerely,



Dwayne M. Harris  
Willingboro Township

## **TOWNSHIP OF WILLINGBORO**

12/6/2023

1 Academy Drive  
Westampton, NJ 08060

Subject: Burlington County Multi-Jurisdictional All Hazards Mitigation Plan Update -  
Authorization and Letter of Intent to Participate  
Woodland Township

Dear Ms. Carr:

This is to confirm that the Woodland Township is committed to participating in the Burlington County Multi-Jurisdictional All Hazards Mitigation Plan (HMP) update project. By way of this letter, the Township of Woodland:

1. Authorizes Burlington County Office of Emergency Management and the Burlington County Hazard Mitigation Steering Committee ("Steering Committee"), to guide and direct this planning process, perform certain parts of the planning process, and prepare certain parts of the plan documents on our behalf.
2. Agrees to meet the minimum requirements of municipal participation (a.k.a. the Planning Partner Expectations), specifically:
  - Execute and return this "Authorization and Letter of Intent to Participate" letter to Burlington County Office of Emergency Management, attention: Kristen Carr.
  - Identify municipal representatives to serve as the planning point of contacts (POC), below. These people will be responsible for representing their community and assuring that these participation expectations are met by their community.
  - Support the Steering Committee selected to oversee the development of this plan.
  - Provide representation at municipal Planning Committee meetings (~ 3 meetings over 6-8 months, including a Kick-Off Meeting and a Mitigation Strategy Workshop).
  - Provide data and information about your community as requested by the Steering Committee or the contract consultant, including:
    - Structure and facility inventory data
    - Identification of new development and anticipated development
    - Identification of natural hazard risk areas
    - Identification of natural hazard events and losses that have impacted your community in the last five years
    - Identification of plans, studies, reports and ordinances addressing natural hazard risk
    - Identify mitigation activity in your community in the last five years, including progress on previously identified mitigation actions.
  - Support public outreach efforts in your community which may include:
    - Providing notices of the planning project on your municipal website with links to a County project website
    - Providing notice of the planning project, the availability of Plan documents, and notice of public meetings via available local media (e.g. newsletters, flyers, email blasts, social media, etc.)



- Advertising and supporting public meetings in your area
  - Supporting outreach to National Flood Insurance Program (NFIP) Repetitive Loss and Severe Repetitive Loss property owners in your community.
  - Assist with the identification of stakeholders within your community that should be informed and potentially involved with the planning process.
  - Completing data and information collection survey forms in a timely manner.
  - Identify specific mitigation actions to address each of the natural hazards posing significant [or high or medium] risk to your community.
  - Involve your local NFIP Floodplain Administrator in the planning process.
  - Review draft Plan sections when requested and provide comment and input as appropriate.
  - Adopt the Plan by resolution of their governing body after FEMA conditional approval.
  - Periodically provide the Steering Committee with reports of municipal staff and volunteer labor spent on the planning process.
3. Assigns the following persons to be the Points of Contact for our jurisdiction. We understand that these POCs are responsible for assuring municipal representation at municipal Planning Committee meetings, and assuring that the other minimum requirements of jurisdictional participation, as detailed in the Planning Partner Expectations above, are met.

Primary POC: Mike Huber	Position/Department: Emergency Management
Phone Number: 856-912-3145	Email Address: mhuber@woodlandtownship.org

Alternate/Secondary POC: Maryalice Brown	Position/Department: Township Administrator
Phone Number: 609-726-1700	Email Address: mbrown@woodlandtownship.org

4. Our designated local Floodplain Administrator (FPA) under the NFIP is:

Name of NFIP FPA: N/A	Position/Department:
Phone Number:	Email Address:

5. Meet participation expectations by including representatives from our community in the planning process. They will be invited to attend meetings, provide required information, and review the jurisdictional annex. Contact information for the different municipal representatives are included below.

Name (Engineer): Tom Leisse

Position/Department: Township Engineer

Email Address: 856-547-0505

Name (Lead Planner/Planning POC):

Position/Department:

Email Address:

Name (Public Works): Fred Arnwine

Position/Department:

Email Address: N/A

Name (Emergency Management): Mike Huber

Position/Department: Emergency Management

Email Address: muber@woodlandtownship.com

Name (Elected Official/Administrator):

Position/Department:

William Degroff

Mayor

Email Address:

wdegroff@woodlandtownship.org

Name (Building Department/Code Enforcement):

Position/Department:

Tom Boyd

Email Address:

Name (Municipal Clerk): Maryalice Brown

Position/Department:

Email Address: mbrown@woodlandtownship.org


Name (Other Representative):

Position/Department:

Email Address:

6. Recognizes that failure to meet the minimum participation expectations and deadlines, as determined by the Steering Committee will result in our municipality being excluded from the planning process.

Sincerely,

  
William Degroff  
Mayor



**WRIGHTSTOWN BOROUGH**  
21 Saylor's Pond Road • Wrightstown, NJ 08562  
(609) 723-4450 • Fax (609) 723-7137

August 21, 2023

Ms. Kristen Carr  
Burlington County Office of Emergency Management  
1 Academy Drive  
Westampton, New Jersey 08060

Subject: Burlington County Multi-Jurisdictional All Hazards Mitigation Plan Update -  
Authorization and Letter of Intent to Participate  
Wrightstown Borough

Dear Ms. Carr:

This is to confirm that the Borough of Wrightstown is committed to participating in the Burlington County Multi-Jurisdictional All Hazards Mitigation Plan (HMP) update project. By way of this letter, the Borough of Wrightstown:

1. Authorizes the Burlington County Office of Emergency Management and the Burlington County Hazard Mitigation Steering Committee ("Steering Committee"), to guide and direct this planning process, perform certain parts of the planning process, and prepare certain parts of the plan documents on our behalf.
2. Agrees to meet the minimum requirements of municipal participation (a.k.a. the Planning Partner Expectations), specifically:
  - Execute and return this "Authorization and Letter of Intent to Participate" to the Burlington County Office of Emergency Management, attention: **KRISTEN CARR**.
  - Identify municipal representatives to serve as the planning point of contacts (POC), below. These people will be responsible for representing their community and assuring that these participation expectations are met by their community.
  - Support the Steering Committee selected to oversee the development of this plan.
  - Provide representation at municipal Planning Committee meetings (~ 3 meetings over 6-8 months, including a Kick-Off Meeting and a Mitigation Strategy Workshop).
  - Provide data and information about your community as requested by the Steering Committee or the contract consultant, including:
    - Structure and facility inventory data
    - Identification of new development and anticipated development
    - Identification of natural hazard risk areas
    - Identification of natural hazard events and losses that have impacted your community in the last five years
    - Identification of plans, studies, reports and ordinances addressing natural hazard risk
    - Identify mitigation activity in your community in the last five years, including progress on previously identified mitigation actions.

- Support public outreach efforts in your community which may include:
    - Providing notices of the planning project on your municipal website with links to a County project website
    - Providing notice of the planning project, the availability of Plan documents, and notice of public meetings via available local media (e.g. newsletters, flyers, email blasts, social media, etc.)
    - Advertising and supporting public meetings in your area
    - Supporting outreach to National Flood Insurance Program (NFIP) Repetitive Loss and Severe Repetitive Loss property owners in your community.
  - Assist with the identification of stakeholders within your community that should be informed and potentially involved with the planning process.
  - Completing data and information collection survey forms in a timely manner.
  - Identify specific mitigation actions to address each of the natural hazards posing significant [or high or medium] risk to your community.
  - Involve your local NFIP Floodplain Administrator in the planning process.
  - Review draft Plan sections when requested and provide comment and input as appropriate.
  - Adopt the Plan by resolution of their governing body after FEMA conditional approval.
  - Periodically provide the Steering Committee with reports of municipal staff and volunteer labor spent on the planning process.
3. Assigns the following persons to be the Points of Contact for our jurisdiction. We understand that these POCs are responsible for assuring municipal representation at municipal Planning Committee meetings, and assuring that the other minimum requirements of jurisdictional participation, as detailed in the Planning Partner Expectations above, are met.

Primary POC:

James Ingling

Position/Department:

Deputy OEM Coordinator

Phone Number:

609-723-4450, Ext. 14

Email Address:

[jim.ingling@wrightstownborough.com](mailto:jim.ingling@wrightstownborough.com)

Alternate/Secondary POC:

Donald Cottrell

Position/Department:

OEM Coordinator

Phone Number:

(609)752-7623

Email Address:

[mayor@wrightstownborough.com](mailto:mayor@wrightstownborough.com)

4. Our designated local Floodplain Administrator (FPA) under the NFIP is:

Name of NFIP FPA:

Harry Case

Position/Department:

Construction Official

Phone Number:

(609)723-4450, Ext. 17

Email Address:

[harry.case@wrightstownborough.com](mailto:harry.case@wrightstownborough.com)



5. Meet participation expectations by including representatives from our community in the planning process. They will be invited to attend meetings, provide required information, and review the jurisdictional annex. Contact information for the different municipal representatives are included below.

Name (Engineer): Kris Kluk, Ph.D., P.E.	Position/Department Borough Engineer
Email Address: <a href="mailto:kkluk@klukconsultants.com">kkluk@klukconsultants.com</a>	

Name (Lead Planner/Planning POC): Malvika Apte	Position/Department: Joint Land Use Board Planner
Email Address: <a href="mailto:mapte@cmeusa1.com">mapte@cmeusa1.com</a>	

Name (Public Works): Dave Smith	Position/Department: Borough Maintenance Department
Email Address: <a href="mailto:dave.smith@wrightstownborough.com">dave.smith@wrightstownborough.com</a>	

Name (Emergency Management): Donald Cottrell	Position/Department: OEM Coordinator
Email Address: <a href="mailto:mayor@wrightstownborough.com">mayor@wrightstownborough.com</a>	

Name (Elected Official/Administrator): Donald Cottrell	Position/Department: Mayor
Email Address: <a href="mailto:mayor@wrightstownborough.com">mayor@wrightstownborough.com</a>	

Name (Building Department/Code Enforcement): Harry Case	Position/Department: Construction Official
Email Address: <a href="mailto:harry.case@wrightstownborough.com">harry.case@wrightstownborough.com</a>	

Name (Municipal Clerk):

Freda H. Gorman, RMC

Position/Department:

Municipal Clerk

Email Address:

[freda.gorman@wrightstownborough.com](mailto:freda.gorman@wrightstownborough.com)

Name (Other Representative):

Position/Department:

Email Address:

6. Recognizes that failure to meet the minimum participation expectations and deadlines, as determined by the Steering Committee will result in our municipality being excluded from the planning process.

Sincerely,

A handwritten signature in blue ink, appearing to read "Donald Cottrell".

Donald Cottrell, Mayor  
Wrightstown Borough



# Annex Sign Off Sheets



# Jurisdictional Annex Review Sign Off Sheet

Bass River Township

JURISDICTION NAME

Sally Bourguignon  
Name

OEM Coordinator  
Title

S Bourguignon  
Signature

Date 5-14-24

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.



Emergency Manager/ Police Chief \*

Name

Sally Bourguignon



Floodplain Administrator\*

Name

Frank Little



Engineer

Name

Frank Little



Building/Code Enforcement/

Jim Sceurmon

Name

Construction Official



Administrator or Elected Official

Name

Kou Bourguignon



Public Works/

Highway Manager

Name

Kou Bourguignon



☒ Municipal Clerk

Name

Jenny Heghorn



Planner

Name

Lou Bourguignon



Other

Name

Horace + Barb SomeS

Note: Fill out checkbox and name of individuals.

\* Review of the annex by this official is required.



Jurisdictional Annex Review Sign Off Sheet

City of Beverly

JURISDICTION NAME

Kevin Richards

OEM Coordinator

Name

Title



Signature

5-10-2024

Date

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.

☒ Emergency Manager/ Police Chief \*

Kevin Richards

Name

☒ Floodplain Administrator\*

Rakesh Darji

Name

☒ Engineer

William H. Kirchner

Name

☒ Building/Code Enforcement/  
Construction Official

Cedric Minter

Name

☒ Administrator or Elected Official

Rich Wolbert

Name

☒ Public Works/  
Highway Manager

Michael Haws

Name

☒ Municipal Clerk

Caitlin D'Alfonso

Name

☒ Planner

Mark Remsa

Name

☐ Other

Name

Note: Fill out checkbox and name of individuals.

\* Review of the annex by this official is required.

## Jurisdictional Annex Review Sign Off Sheet

**Bordentown City**

JURISDICTION NAME

**Sgt. Ryan J. Lynch**

Name

**Emergency Management Coordinator**

Title

*Sgt. R. Lynch #6031*

Signature

**06/07/2024**

Date

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.



Emergency Manager\*

**Sgt. Ryan J. Lynch**

Name



Floodplain Administrator\*

**Jennifer Smith**

Name



Engineer

Name



Building/Code Enforcement/  
Construction Official

**Jennifer Smith**

Name



Administrator or Elected Official

**Margaret Peak, Administrator**

Name



Public Works/  
Highway Manager

**Robert Erickson**

Name



Municipal Clerk

**Jennifer Smith**

Name



Planner

Name



Other

**Police Chief Shaun Lafferty**

Name

Note: Fill out checkbox and name of individuals.

\* Review of the annex by this official is required.

# Jurisdictional Annex Review Sign Off Sheet

Bordentown Township  
**JURISDICTION NAME**

Nicholas S Buroczi  
 Name

OEM Coordinator  
 Title

N Buroczi  
 Signature

6-4-24  
 Date

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.

☒ Emergency Manager/ Police Chief \*

Nathan Roohr

Name

☒ Floodplain Administrator\*

Fred Turek

Name

☒ Engineer

Fred Turek

Name

☒ Building/Code Enforcement/  
 Construction Official

Bob Salmons

Name

☒ Administrator or Elected Official

Michael Theokas

Name

☒ Public Works/  
 Highway Manager

Adam Spundarelli

Name

☒ Municipal Clerk

Maria Carrington

Name

☒ Planner

Mark Siegle

Name

☒ Other

Marcie Maute, Zoning Officer

Name

Note: Fill out checkbox and name of individuals.

\* Review of the annex by this official is required.

## Jurisdictional Annex Review Sign Off Sheet

City of Burlington, New Jersey  
**JURISDICTION NAME**

Frank S. Caruso  
Name

OEM Coordinator  
Title

Frank S. Caruso  
Signature

04 JUN 2024  
Date

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.

<input checked="" type="checkbox"/> Emergency Manager/ Police Chief *	Frank S. Caruso/Ryan Elbertson Name
<input checked="" type="checkbox"/> Floodplain Administrator*	Allison Iannaccone Name
<input checked="" type="checkbox"/> Engineer	Bill Kirschner Name
<input checked="" type="checkbox"/> Building/Code Enforcement/ Construction Official	Jody Mazeall Name
<input checked="" type="checkbox"/> Administrator or Elected Official	Mayor Barry Conaway Name
<input checked="" type="checkbox"/> Public Works/ Highway Manager	Willaim Curry Name
<input checked="" type="checkbox"/> Municipal Clerk	Cindy Crivaro Name
<input checked="" type="checkbox"/> Planner	Bill Harris Name
<input checked="" type="checkbox"/> Other	Ken Shine/Pennoni Name

**Note:** Fill out checkbox and name of individuals.


**\* Review of the annex by this official is required.**

**Jurisdictional Annex Review Sign Off Sheet**

**BURLINGTON TOWNSHIP**  
**JURISDICTION NAME**

David C. Ekelburg  
Name

Emergency Management Coordinator  
Title

  
Signature

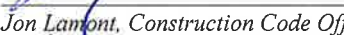
May 9, 2024  
Date

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.

☒ Emergency Manager/ Police Chief \*

  
David C. Ekelburg, Emergency Management Coordinator


☒ Floodplain Administrator\*

  
Jon Lamont, Construction Code Official

☒ Engineer

  
Scott Hatfield, Engineer

☒ Building/Code Enforcement/  
Construction Official

  
John Lamont, Construction Code Official


☒ Administrator or Elected Official

  
Jodi Bollinger, Administrator for E.L. Pete Green, Mayor

☒ Public Works/  
Highway Manager

  
George Coolidge, Director of Public Works

☒ Municipal Clerk

  
Mary Field, Municipal Clerk

☒ Planner

  
Joseph Augustyn, Planner

☒ Other

  
Bruce Painter, Public Safety Director

Note: Fill out checkbox and name of individuals.

\* Review of the annex by this official is required.



## Jurisdictional Annex Review Sign Off Sheet

Chesterfield Township

**JURISDICTION NAME**

Michael Davison  
Name

Chief of Police  
Title

Chief Michael Davison  
Signature

6/6/24  
Date

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.

☒ Emergency Manager/ Police Chief \*

Michael Davison  
Name

☒ Floodplain Administrator\*

Joseph Hirsh  
Name

☒ Engineer

Joseph Hirsh  
Name

☒ Building/Code Enforcement/  
Construction Official

Roger Fort  
Name

☐ Administrator or Elected Official

\_\_\_\_\_  
Name

☒ Public Works/  
Highway Manager

Troy Ulshafer  
Name

☒ Municipal Clerk

Caryn Hoyer  
Name

☐ Planner

\_\_\_\_\_  
Name

☒ Other

Ryan Lynch (Fire Chief)  
Name

Note: Fill out checkbox and name of individuals.

\* Review of the annex by this official is required.

Jurisdictional Annex Review Sign Off Sheet

Cinnaminson Township

JURISDICTION NAME

Danny Norman

Emergency Management Coordinator

Name

Title

Signature

Date

6/26/24

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.

☒ Emergency Manager/ Police Chief \*

Danny Norman

Name

☒ Floodplain Administrator\*

JOE BARBADORO, RVE

Name

☒ Engineer

JOE BARBADORO, RVE

Name

☒ Building/Code Enforcement/  
Construction Official

MICHAEL N. MONTU

Name

☒ Administrator or Elected Official

Name

Eric Schubiger

☒ Public Works/  
Highway Manager

Name

Kevin Gault

☒ Municipal Clerk

Name

Lisa a Passione

☒ Planner

Name

Edward Fox

Note: Fill out checkbox and name of individuals.

☐ Review of the annex by this official is required.

## Jurisdictional Annex Review Sign Off Sheet

DELANCO TOWNSHIP

### JURISDICTION NAME

Matthew S. Bartlett

Name

Mayor/Deputy Emergency Mgmt. Coordinator

Title



Signature

6/7/2024

Date

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.



Emergency Manager/ Police Chief \*

Robert Viereck, Emergency Mgmt. Coordinator



Floodplain Administrator\*

Michael Lunemann, Construction Official/Building Inspector/Flood Plain Administrator



Engineer

Name



Building/Code Enforcement/  
Construction Official

Michael Lunemann, Construction Official/Building Inspector/Flood Plain Administrator



Administrator or Elected Official

Michael Templeton, Township Committeeman



Public Works/  
Highway Manager

Name



Municipal Clerk

Beverly Russell, RMC, Deputy Municipal Clerk



Planner

Name



Other

Name

Note: Fill out checkbox and name of individuals.

\* Review of the annex by this official is required.

## Jurisdictional Annex Review Sign Off Sheet

### Delran Township JURISDICTION NAME

Joseph M. Cunningham Jr.  
Name

Emergency Management Coordinator  
Title

Joseph M. Cunningham Jr.  
Signature

5/30/24  
Date

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.

☒ Emergency Manager/ Police Chief \*

Joseph M. Cunningham Jr.  
Name

☒ Floodplain Administrator\*

[Signature]  
Name

☒ Engineer

[Signature]  
Name

☐ Building/Code Enforcement/  
Construction Official

\_\_\_\_\_  
Name

☒ Administrator or Elected Official

Joseph B. Bellina  
Name

☐ Public Works/  
Highway Manager

\_\_\_\_\_  
Name

☐ Municipal Clerk

\_\_\_\_\_  
Name

☐ Planner

\_\_\_\_\_  
Name

☐ Other

\_\_\_\_\_  
Name

Note: Fill out checkbox and name of individuals.

\* Review of the annex by this official is required.

## Jurisdictional Annex Review Sign Off Sheet

Eastampton Township  
**JURISDICTION NAME**

Kim-Marie White

Township Manager/Township Clerk

Name

Title

*Kim-Marie White*

Signature

June 4<sup>th</sup>, 2024

Date

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.



Emergency Manager/ Police Chief \*

*Joseph Iacovitti*

Name



Floodplain Administrator\*

*Stacey Arcari*

Name



Engineer

*Stacey Arcari*

Name



Building/Code Enforcement/  
Construction Official

*Michael Lunneman*

Name



Administrator or Elected Official

*Mayor Dominic Santillo*

Name



Public Works/  
Highway Manager

*Fred Roci, Jr.*

Name



Municipal Clerk

*Kim-Marie White*

Name



Planner

*Mark Romsa*

Name



Other

Name

Note: Fill out checkbox and name of individuals.

\* Review of the annex by this official is required.

## Jurisdictional Annex Review Sign Off Sheet

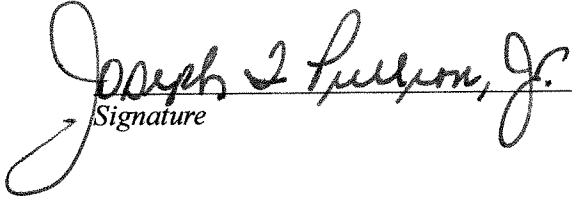
### TOWNSHIP OF EDGEWATER PARK JURISDICTION NAME

JOSEPH T. PULLION, JR.

Name

TOWNSHIP ADMINISTRATOR

Title

  
Signature

MAY 5, 2024

Date

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.



Emergency Manager/ Police Chief \*

ALYSSA MEREDITH/BRETT EVANS

Name



Floodplain Administrator\*

HARRY MOSCATIELLO

Name



Engineer

RAKESH DARJI

Name



Building/Code Enforcement/Construction Official HARRY MOSCATIELLO

Name



Administrator or Elected Official

JOSEPH T. PULLION, JR.

Name



Public Works/  
Highway Manager

JAMES BERNARD

Name



Municipal Clerk

PATRICIA CLAYTON

Name



Planner

EDWARD FOX

Name



SEWAGE AUTHORITY ADMINISTRATOR

MICHELLE ATZERT

Name

Note: Fill out checkbox and name of individuals.

\* Review of the annex by this official is required.

## Jurisdictional Annex Review Sign Off Sheet

Evesham Township, NJ  
**JURISDICTION NAME**

Carl Bittenbender

*Name*

Emergency Management Coordinator

*Title*



*Signature*

05/20/2024

*Date*

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.



**Emergency Manager/ Police Chief \***

Carl Bittenbender

*Name*



**Floodplain Administrator\***

Jessica Hauber

*Name*



**Engineer**

Jessica Hauber

*Name*



**Building/Code Enforcement/  
Construction Official**

*Name*



**Administrator or Elected Official**

*Name*



**Public Works/  
Highway Manager**

Dave Pfeifer

*Name*



**Municipal Clerk**

*Name*



**Planner**

*Name*



**Other**

*Name*


**Note: Fill out checkbox and name of individuals.**

**\* Review of the annex by this official is required.**



## Jurisdictional Annex Review Sign Off Sheet

Florence Township  
**JURISDICTION NAME**

Phil Drangula OEM  
Name Title  
 07/12/2024  
Signature Date

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.

<input type="checkbox"/> <b>Emergency Manager/ Police Chief *</b>	<u>Police Chief Brian Boldizar</u> Name
<input type="checkbox"/> <b>Floodplain Administrator*</b>	<u>James Hoey/Michael Angelastro</u> Name
<input type="checkbox"/> <b>Engineer</b>	<u>Michael Angelastro of Remington and Vernick Engineers</u> Name
<input type="checkbox"/> <b>Building/Code Enforcement/ Construction Official</b>	<u>James Hoey</u> Name
<input type="checkbox"/> <b>Administrator or Elected Official</b>	<u>Thomas Sahol</u> Name
<input type="checkbox"/> <b>Public Works/ Highway Manager</b>	<u>David Wright</u> Name
<input type="checkbox"/> <b>Municipal Clerk</b>	<u>Nancy Erlston</u> Name
<input type="checkbox"/> <b>Planner</b>	<u>Ed Fox or Environmental Resolutions NJ, Inc.</u> Name
<input type="checkbox"/> <b>Other</b>	<u>Fire Admin. Robert Tharp</u> Name

**Note: Fill out checkbox and name of individuals.**

**\* Review of the annex by this official is required.**

Jurisdictional Annex Review Sign Off Sheet

HAINESPORT TOWNSHIP

JURISDICTION NAME

William E Challenor Hainesport OEH Coordinator  
Name Title

W. E. Challenor 06/07/2024  
Signature Date

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.

☒ Emergency Manager/ Police Chief \* W. E. Challenor  
Name

☒ Floodplain Administrator\* Paul C. Cully  
Name

☒ Engineer W. E. Challenor  
Name

☒ Building/Code Enforcement/  
Construction Official Paul C. Cully  
Name

☐ Administrator or Elected Official Brian J. Palmer  
Name

☐ Public Works/  
Highway Manager Joe Chasen  
Name

☒ Municipal Clerk Paula L. Hooker  
Name

Note: ☐ put checkbox and name of individuals.

\* Review of the annex by this official is required.

# Jurisdictional Annex Review Sign Off Sheet

Planner

  
Name \_\_\_\_\_

☐ Other

\_\_\_\_\_  
Name

**Note:** Fill out checkbox and name of individuals.

**\* Review of the annex by this official is required.**

# Jurisdictional Annex Review Sign Off Sheet

LOMBERTON

## JURISDICTION NAME

Ryan W. Engle Fire Chief/OEM  
Name Title

[Signature] 6/15/2024  
Signature Date

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.

☒ Emergency Manager/ Police Chief \* Anthony Nippins  
Name

☒ Floodplain Administrator\* MEREOTH RICOLFI  
Name

☐ Engineer \_\_\_\_\_  
Name

☐ Building/Code Enforcement/  
Construction Official \_\_\_\_\_  
Name

☐ Administrator or Elected Official \_\_\_\_\_  
Name

☐ Public Works/  
Highway Manager \_\_\_\_\_  
Name

☒ Municipal Clerk BOBBE CUNN  
Name

☐ Planner \_\_\_\_\_  
Name

☐ Other \_\_\_\_\_  
Name

Note: Fill out checkbox and name of individuals.

\* Review of the annex by this official is required.

Jurisdictional Annex Review Sign Off Sheet

Mansfield Township

JURISDICTION NAME

Ashley E. Jolly  
Name

Municipal Clerk  
Title

[Signature]  
Signature

6/11/24  
Date

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.

☒ Emergency Manager/ Police Chief \*

[Signature] Coordinator, Doug Borgstrom  
Name

☒ Floodplain Administrator\*

[Signature] Doug Johnson  
Name

☒ Engineer

[Signature] Doug Johnson  
Name

☒ Building/Code Enforcement/  
Construction Official

[Signature] Jeff Jones  
Name

☒ Administrator or Elected Official

[Signature] Michael Fitzpatrick  
Name

☒ Public Works/  
Highway Manager

[Signature] Frank Parkinson  
Name

☒ Municipal Clerk

[Signature] Ashley E. Jolly  
Name

☐ Planner

\_\_\_\_\_  
Name

☐ Other

\_\_\_\_\_  
Name

Note: Fill out checkbox and name of individuals.

\* Review of the annex by this official is required.

Jurisdictional Annex Review Sign Off Sheet

Township of Maple Shade  
JURISDICTION NAME

Brian DAVIS  
Name

Emergency Mgmt. Coord.  
Title

[Signature]  
Signature

6/13/24  
Date

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.

☒ Emergency Manager/ Police Chief \*

[Signature]  
Name

☐ Floodplain Administrator\*

N/A  
Name

☐ Engineer

\_\_\_\_\_  
Name

☐ Building/Code Enforcement/  
Construction Official

\_\_\_\_\_  
Name

☒ Administrator or Elected Official

Susan Danson  
Name

☒ Public Works/  
Highway Manager

[Signature]  
Name

☒ Municipal Clerk

Andrea J. McKeigh, RMC  
Name

☐ Planner

\_\_\_\_\_  
Name

☐ Other

\_\_\_\_\_  
Name

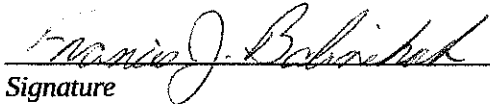
Note: Fill out checkbox and name of individuals.

\* Review of the annex by this official is required.

## Jurisdictional Annex Review Sign Off Sheet

Medford Lakes Borough

### JURISDICTION NAME

Francis J. Babinchock	Emergency Management Coordinator
<i>Name</i>	<i>Title</i>
	October 22, 2024
<i>Signature</i>	<i>Date</i>

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.

<input checked="" type="checkbox"/> Emergency Manager/ Police Chief *	Chief John McGinnis
	<i>Name</i>
<input checked="" type="checkbox"/> Floodplain Administrator*	Alaimo Group; Mt. Holly, NJ
	<i>Name</i>
<input checked="" type="checkbox"/> Engineer	Environmental Resources Inc.; Mt. Laurel, NJ
	<i>Name</i>
<input checked="" type="checkbox"/> Building/Code Enforcement/ Construction Official	Thomas Boyd
	<i>Name</i>
<input checked="" type="checkbox"/> Administrator or Elected Official	Mayor William Fields
	<i>Name</i>
<input checked="" type="checkbox"/> Public Works/ Highway Manager	Mark Witczak
	<i>Name</i>
<input checked="" type="checkbox"/> Municipal Clerk	Mark McIntosh
	<i>Name</i>
<input checked="" type="checkbox"/> Planner	Joseph Augustyn
	<i>Name</i>
<input checked="" type="checkbox"/> Other	Robert J. Burton, Municipal Manager
	<i>Name</i>

Note: Fill out checkbox and name of individuals.

\* Review of the annex by this official is required.



**Jurisdictional Annex Review Sign Off Sheet**

Township of Medford  
**JURISDICTION NAME**

Robert Dovi

Name

Emergency Management Coordinator

Title

  
Signature

5/28/2024  
Date

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.



Police Chief \*

Arthur Waterman

Name



Floodplain Administrator\*

Richard Falasco

Name



Engineer

Christopher Noll

Name



Building/Code Enforcement/  
Construction Official

Richard Falasco

Name



Administrator or Elected Official

Mayor Charles Watson /Manager Thomas Czerniecki

Name



Public Works/  
Highway Manager

Ronnie Fowler/ Brian Cop

Name



Municipal Clerk

Dawn Bielec

Name



Planner

Scott Taylor

Name



Other

Beth Portocalis

Name

Note: Fill out checkbox and name of individuals.

\* Review of the annex by this official is required.

**Jurisdictional Annex Review Sign Off Sheet**

Township of Mohegan

James Carruthes  
Name

OEM Coordinator  
Title

  
Signature

6/11/2024  
Date

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.

☒ Emergency Manager/ Police Chief \*

James Carruthes  
Name

☒ Floodplain Administrator\*

Joe LaRocca  
Name

☐ Engineer

Name

☐ Building/Code Enforcement/  
Construction Official

Name

☐ Administrator or Elected Official

Name

☐ Public Works/  
Highway Manager

Name

☐ Municipal Clerk

Name

☐ Planner

Name

☐ Other

Name

**Note: Fill out checkbox and name of individuals.**

**\* Review of the annex by this official is required.**

## Jurisdictional Annex Review Sign Off Sheet

**Township of Mount Laurel**  
**JURISDICTION NAME**

**Jay Appleton**  
*Name*

**Emergency Management Coordinator**  
*Title*

*Signature*

*Date*

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Emergency Manager/ Police Chief *                   | <b>Chief Judy Lynn Schiavone</b><br><i>Name</i> |
| <input checked="" type="checkbox"/> Floodplain Administrator*                           | <b>William Long, PE</b><br><i>Name</i>          |
| <input checked="" type="checkbox"/> Engineer  | <b>William Long, PE</b><br><i>Name</i>          |
| <input checked="" type="checkbox"/> Building/Code Enforcement/<br>Construction Official | <b>Robert Gates</b><br><i>Name</i>              |
| <input checked="" type="checkbox"/> Administrator or Elected Official                   | <b>Meredith Riculfy</b><br><i>Name</i>          |
| <input checked="" type="checkbox"/> Public Works/<br>Highway Manager                    | <b>Jerry Mascia</b><br><i>Name</i>              |
| <input checked="" type="checkbox"/> Municipal Clerk                                     | <b>Meredith Riculfy</b><br><i>Name</i>          |
| <input checked="" type="checkbox"/> Planner   | <b>Chris Dochney</b><br><i>Name</i>             |
| <input type="checkbox"/> Other  | <br><i>Name</i>                                 |

**Note:** Fill out checkbox and name of individuals.

**\* Review of the annex by this official is required.**

NEW HANOVER TWP  
JURISDICTION NAME

DEPUTY OEM/ POLICE CHIEF  
Title

Date \_\_\_\_\_

Name \_\_\_\_\_

Name \_\_\_\_\_

Name \_\_\_\_\_

Name \_\_\_\_\_

Name \_\_\_\_\_

Name

Name

Name \_\_\_\_\_

Name \_\_\_\_\_

\* Review of the annex by this official is required.



# Jurisdictional Annex Review Sign Off Sheet

North Hanover Township

JURISDICTION NAME

Richard Mellor  
Name


OEM  
Title

  
Signature


6/11/24  
Date

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.

☒ Emergency Manager/ Police Chief \*

 6/11/24  
Name

☐ Floodplain Administrator\*

 6-27-2024  
Name


☒ Engineer

  
Name


☐ Building/Code Enforcement/  
Construction Official

  
Name

☐ Administrator or Elected Official

 Ronald DeBacco  
Name

☐ Public Works/  
Highway Manager

 Ronald DeBacco  
Name

☐ Municipal Clerk

 Marylou 6/11/24  
Name

☒ Planner

  
Name

☐ Other

  
Name

Note: Fill out checkbox and name of individuals.

\* Review of the annex by this official is required.

Jurisdictional Annex Review Sign Off Sheet

BOROUGH OF PALMYRA  
JURISDICTION NAME

BON LINDEMUTH  
Name

OEM COORDINATOR  
Title

[Signature]  
Signature

JUNE 7 2024  
Date

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.

☒ Emergency Manager/ Police Chief \*

JOE MURPHY  
Name

☒ Floodplain Administrator\*

TRACY KILMER  
Name

☐ Engineer

Name

☐ Building/Code Enforcement/  
Construction Official

Name

☒ Administrator or Elected Official

JOHN GURAL  
Name

☒ Public Works/  
Highway Manager

ALLAN BERG  
Name

☐ Municipal Clerk

DORETHA JACKSON  
Name

☐ Planner

Name

☒ Other

GWYNETH TAIT  
Name

Note: Fill out checkbox and name of individuals.

\* Review of the annex by this official is required.

Jurisdictional Annex Review Sign Off Sheet

PENBERTON BOROUGH  
JURISDICTION NAME

Kathy Snick  
Name

Municipal Clerk  
Title

Kathy Snick  
Signature

5/23/24  
Date

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.

☒ Emergency Manager/ Police Chief \*

Chad Bozowski  
Name

☐ Floodplain Administrator\*

Name

☐ Engineer

Name

☒ Building/Code Enforcement/  
Construction Official

HARRY CASE  
Name

☒ Administrator or Elected Official

Kathy Snick  
Name

☐ Public Works/  
Highway Manager

Name

☒ Municipal Clerk

Kathy Snick  
Name

☐ Planner

Name

☐ Other

Name

Note: Fill out checkbox and name of individuals.

\* Review of the annex by this official is required.



## Jurisdictional Annex Review Sign Off Sheet

Pemberton Township  
**JURISDICTION NAME**

*Craig L. Augustoni*  
Name

*Emergency Management Coordinator*  
Title

*Craig L. Augustoni*  
Signature

*May 23, 2024*  
Date

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.

☒ Emergency Manager/ Police Chief \*

**Craig L. Augustoni**  
Name

☒ Floodplain Administrator\*

**Rosemary Flaherty**  
Name

☒ Engineer

**Mark Herrmann**  
Name

☒ Building/Code Enforcement/  
Construction Official

**Rosemary Flaherty**  
Name

☒ Administrator or Elected Official

**Daniel Hornickel**  
Name

☒ Public Works/  
Highway Manager

**Thomas McNaughton**  
Name

☒ Municipal Clerk

**Amy Cosnoski**  
Name

☒ Planner

**Mark Remsa**  
Name

☐ Other

\_\_\_\_\_  
Name

**Note: Fill out checkbox and name of individuals.**

**\* Review of the annex by this official is required.**

**Jurisdictional Annex Review Sign Off Sheet**

**Riverside Township**

**JURISDICTION NAME**

Meghan Jack  
Name

Township Administrator  
Title

[Signature]  
Signature

6/7/2024  
Date

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Emergency Manager/ Police Chief *                   | <u>Dave Jaensch</u><br>Name             |
| <input checked="" type="checkbox"/> Floodplain Administrator*                           | <u>Meghan Jack</u><br>Name              |
| <input checked="" type="checkbox"/> Engineer  | <u>Hugh Dougherty, Pennnoni</u><br>Name |
| <input checked="" type="checkbox"/> Building/Code Enforcement/<br>Construction Official | <u>Hugh McCurley</u><br>Name            |
| <input checked="" type="checkbox"/> Administrator or Elected Official                   | <u>Corey Kimble, Mayor</u><br>Name      |
| <input checked="" type="checkbox"/> Public Works/<br>Highway Manager                    | <u>Andrew Holt</u><br>Name              |
| <input checked="" type="checkbox"/> Municipal Clerk                                     | <u>Susan Dydek</u><br>Name              |
| <input checked="" type="checkbox"/> Planner   | <u>Ed Fox, ERI</u><br>Name              |
| <input checked="" type="checkbox"/> Other   | <u>Rakesh Darji, ERI</u><br>Name        |

**Note: Fill out checkbox and name of individuals.**

**\* Review of the annex by this official is required.**


## Jurisdictional Annex Review Sign Off Sheet

RIVERTON BOROUGH

JURISDICTION NAME

ANDREW BEUSCHER  
Name

CHIEF OF POLICE / OEM  
Title

  
Signature

Date 6-4-24

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.

- ☒
- Emergency Manager/ Police Chief \*


CHIEF OF POLICE ANDREW BEUSCHEL  
Name

- ☐
- Floodplain Administrator
- <sup>23</sup>

ROGER FOET

- ☒ Engineer

ALAIMO GROUP

- 
- Building/Code Enforcement/
- 
- Construction Official

Name Roger Furt

- ☒
- Administrator or Elected Official

MAYOR JIM QUINN  
Name

- ☒
- Public Works/
- 
- Highway Manager

KEITH ADAMS  
Name

- ☒
- Municipal Clerk

Name Yelly Ann

- ☒
- Planner

TAYLOR DESIGN GROUP  
Name

- ☐
- Other

Name \_\_\_\_\_

**Note:** Fill out checkbox and name of individuals.

\* Review of the annex by this official is required.

# Jurisdictional Annex Review Sign Off Sheet

Shamong Township  
JURISDICTION NAME

John C. Lyons CEM Coordinator  
Name Title

[Signature] 6/7/24  
Signature Date

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.

☒ Emergency Manager/ Police Chief \*

[Signature] John Lyons CEM  
Name

☒ Floodplain Administrator\*

[Signature] Joseph Hirsh  
Name

☒ Engineer

[Signature] Joseph Hirsh  
Name

☒ Building/Code Enforcement/  
Construction Official

[Signature] Ed Toussaint  
Name

☒ Administrator or Elected Official

[Signature] Michael P. C. Maya  
Name

☒ Public Works/  
Highway Manager

[Signature] Gary Walsh  
Name

☒ Municipal Clerk

[Signature] Susan D. Orato  
Name

☒ Planner

[Signature] Joseph Hirsh  
Name

☐ Other

\_\_\_\_\_  
Name

Note: Fill out checkbox and name of individuals.


\* Review of the annex by this official is required.

## Jurisdictional Annex Review Sign Off Sheet

### SOUTHAMPTON TOWNSHIP JURISDICTION NAME

*Eamonn Fitzpatrick-Ruth*  
Name

*Emergency Management Coordinator*  
Title

  
Signature

*June 2, 2024*  
Date

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> <b>Emergency Manager/ Police Chief *</b>                    | <i>Eamonn Fitzpatrick-Ruth</i><br>Name |
| <input checked="" type="checkbox"/> <b>Floodplain Administrator*</b>                            | <i>Thomas Boyd</i><br>Name             |
| <input type="checkbox"/> <b>Engineer</b>  | _____<br>Name                          |
| <input checked="" type="checkbox"/> <b>Building/Code Enforcement/<br/>Construction Official</b> | <i>Thomas Boyd</i><br>Name             |
| <input checked="" type="checkbox"/> <b>Administrator or Elected Official</b>                    | <i>Kathleen Hoffman</i><br>Name        |
| <input checked="" type="checkbox"/> <b>Public Works/<br/>Highway Manager</b>                    | <i>Ryan Hagerthey</i><br>Name          |
| <input checked="" type="checkbox"/> <b>Municipal Clerk</b>                                      | <i>Kathleen Hoffman</i><br>Name        |
| <input type="checkbox"/> <b>Planner</b>   | _____<br>Name                          |
| <input checked="" type="checkbox"/> <b>Other</b>  | <i>Donna Fascenda</i><br>Name          |

**Note: Fill out checkbox and name of individuals.**

**\* Review of the annex by this official is required.**

**Jurisdictional Annex Review Sign Off Sheet**

**Springfield Township, Burlington County**  
**JURISDICTION NAME**

*Brandy C. Boyington*

*Name*

*Township Administrator/Clerk*

*Title*

*Signature*

*June 12, 2024*

*Date*

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.



**Emergency Manager/ Police Chief \***

**Eric Trout**

*Name*



**Floodplain Administrator\***

*Name*



**Engineer**

*Name*



**Building/Code Enforcement/  
Construction Official**

*Name*



**Elected Official (Mayor)**

**David Frank**

*Name*



**Public Works/  
Highway Manager**

*Name*



**Administrator /Municipal Clerk**

**Brandy C. Boyington**

*Name*



**Planner**

*Name*



**Other**

*Name*

**Note: Fill out checkbox and name of individuals.**

**\* Review of the annex by this official is required.**

Jurisdictional Annex Review Sign Off Sheet

Tabernacle Township  
JURISDICTION NAME

John T. Harbourt  
Name

DEM Coordinator  
Title

John T. Harbourt  
Signature

5/7/24  
Date

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.

☒ Emergency Manager/ Police Chief \*

John Harbourt  
Name

☒ Floodplain Administrator\*

Thomas Boyd  
Name

☒ Engineer

Thomas Liesse  
Name

☒ Building/Code Enforcement/  
Construction Official

Thomas Boyd  
Name

☒ Administrator or Elected Official

Maryalice Brown  
Name

☒ Public Works/  
Highway Manager

Kevin Worrell  
Name

☒ Municipal Clerk

Maryalice Brown  
Name

☒ Planner

Pennoni & Assoc.  
Name

☐ Other

\_\_\_\_\_  
Name

Note: Fill out checkbox and name of individuals.

\* Review of the annex by this official is required.



Jurisdictional Annex Review Sign Off Sheet

WASHINGTON TWP.

JURISDICTION NAME

DAVID SIMPSON  
Name

EMERGENCY MANAGEMENT  
Title

  
Signature

7/2/24  
Date

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.

☒ Emergency Manager/ Police Chief \*

DAVID SIMPSON  
Name

☐ Floodplain Administrator\*

Name

☒ Engineer

KEVIN DIXON  
Name

☒ Building/Code Enforcement/  
Construction Official

ROBERT HENAHY  
Name

☒ Administrator or Elected Official

LEIGH GADD  
Name

☒ Public Works/  
Highway Manager

LARRY PRIEST  
Name

☒ Municipal Clerk

LISA HAND  
Name

☐ Planner

Name

☐ Other

Name

Note: Fill out checkbox and name of individuals.

\* Review of the annex by this official is required.

Jurisdictional Annex Review Sign Off Sheet

Willingboro Township

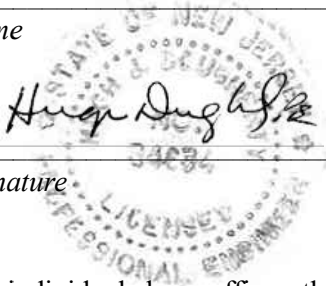
JURISDICTION NAME

Hugh J. Dougherty, PE

Township Engineer

Name

Title

  
Hugh J. Dougherty

6/5/2024

Signature

Date

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.



Emergency Manager/ Police Chief \*

John Carroll

Name



Floodplain Administrator\*

Dwayne Harris

Name



Engineer

Hugh J. Dougherty, PE

Name



Building/Code Enforcement/  
Construction Official

Dennis Tunstall

Name



Administrator or Elected Official

Dwayne Harris

Name



Public Works/  
Highway Manager

Marvin Harris

Name



Municipal Clerk

Everett Falt

Name



Planner

Name



Other

Kenneth Shine, CFM

Name

Note: Fill out checkbox and name of individuals.

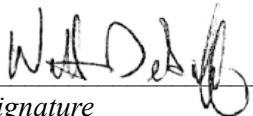
\* Review of the annex by this official is required.

## Jurisdictional Annex Review Sign Off Sheet

Woodland Township  
**JURISDICTION NAME**

William Degroff  
Name

Mayor  
Title

  
Signature

October 10, 2024  
Date

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.

### Administrator/Elected Official

☒ William Degroff  
Name

### Public Works/Highway Department Manager

☒ Fred Arnwine  
Name

### Floodplain Administrator \*

☒ Tom Leisse  
Name

### Emergency Manager/Police Chief \*

☒ Mike Huber  
Name

### Engineer

☒ Tom Leisse  
Name

### Fire Chief

☐  
Name

### Planner

☐  
Name

### Building/Code Enforcement/Construction Official

☒ Tom Boyd  
Name

### Municipal Clerk

☒ Maryalice Brown  
Name


### Other

☐  
Name

\* Review of the annex by this official is required.

## Jurisdictional Annex Review Sign Off Sheet

Wrightstown Borough  
**JURISDICTION NAME**

James Ingling Deputy OEM Coordinator  
*Name* *Title*  
 July 10, 2024  
*Signature* *Date*

The individual above affirms that the following representatives of the above jurisdiction have reviewed and support the jurisdiction's annex and proposed mitigation strategy in the 2024 Burlington County Hazard Mitigation Plan Update.

<input checked="" type="checkbox"/> Emergency Manager/ Police Chief *	<u>Donald Cottrell</u> <i>Name</i>
<input checked="" type="checkbox"/> Floodplain Administrator*	<u>Harry Case</u> <i>Name</i>
<input checked="" type="checkbox"/> Engineer	<u>Kris Kluk</u> <i>Name</i>
<input checked="" type="checkbox"/> Building/Code Enforcement/ Construction Official	<u>Harry Case</u> <i>Name</i>
<input checked="" type="checkbox"/> Administrator or Elected Official	<u>Donald Cottrell</u> <i>Name</i>
<input checked="" type="checkbox"/> Public Works/ Highway Manager	<u>David Smith</u> <i>Name</i>
<input checked="" type="checkbox"/> Municipal Clerk	<u>Freda Gorman</u> <i>Name</i>
<input checked="" type="checkbox"/> Planner	<u>CME Associates</u> <i>Name</i>
<input type="checkbox"/> Other	 <i>Name</i>

Note: Fill out checkbox and name of individuals.

\* Review of the annex by this official is required.



# Adoption Resolutions



**Burlington County**  
**Board of Commissioners**  
49 Rancocas Road, Mount Holly, NJ, 08060  
P.O. Box 6000, Mount Holly, NJ, 08060  
(609) 265-5020 • www.co.burlington.nj.us

Eve A. Cullinan, County Administrator  
Erin M. Kelly, Clerk of the Board

**Burlington County**  
**Commissioners**  
Felicia Hopson, Director  
Daniel J. O'Connell, Deputy  
Allison Eckel  
Tom Pullion  
Balvir Singh

**AGENDA, REGULAR MEETING, BOARD OF COMMISSIONERS, COUNTY OF BURLINGTON**

Date: Dec 11, 2024 - 7:00 PM  
Location: County Administration Building  
Commissioners' Board Room  
49 Rancocas Road  
Mount Holly, NJ 08060

Agenda: AUTHORIZATION TO ADOPT THE 2024 BURLINGTON COUNTY MULTI-JURISDICTIONAL ALL-HAZARDS MITIGATION PLAN UPDATE AS THE COUNTY'S NATURAL HAZARD MITIGATION PLAN FOR A FIVE-YEAR PERIOD FROM 2024 - 2029 FOR THE DEPARTMENT OF PUBLIC SAFETY

Official Resolution#		2024-00832						
Meeting Date		12/11/2024						
Introduced Date		12/11/2024						
Adopted Date		12/11/2024						
Agenda Item		g-32						
CAF #								
Purchase Req. #								
Result		Adopted						
COUNTY COMMISSIONER	PRES.	ABS.	MOVE	SEC	AYE	NAY	ABST.	RECU.
Hopson, Director	✓				✓			
O'Connell, Deputy	✓			✓	✓			
Eckel	✓		✓		✓			
Pullion	✓				✓			
Singh	✓				✓			

I HEREBY CERTIFY THAT THIS DOCUMENT IS A TRUE, COMPLETE AND ACCURATE COPY OF THIS RESOLUTION, ADOPTED BY THE BOARD MEMBERS OF THE COUNTY OF BURLINGTON, NJ AT THE MEETING REFERENCED THEREON

*Erin M. Kelly*

CLERK OF THE BOARD



WHEREAS, the County of Burlington recognizes the threat that natural hazards pose to people and property within the County of Burlington; and has exposure to natural hazards that increase the risk to life, property, environment and the County's economy; and

WHEREAS, the County of Burlington has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS, the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in the County of Burlington for the impacts of future hazards and disasters; and

WHEREAS, adoption by the County of Burlington demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNTY OF BURLINGTON, New Jersey THAT:

1. Adopts in its entirety, the 2024 Burlington County Multi-Jurisdictional All-Hazards Mitigation Plan Update (the "Plan") as the County's Natural Hazard Mitigation Plan and resolves to execute the actions identified in the Plan that pertain to this jurisdiction.
2. Will use the adopted and approved portions of the Plan to guide pre and post-disaster mitigation of the hazards identified.
3. Will coordinate the strategies identified in the Plan with other planning programs and mechanisms under its jurisdictional authority.
4. Will continue its support of the Mitigation Planning Committee as described within the Plan.
5. Will help to promote and support the mitigation successes of all participants in this Plan.



6. Will incorporate mitigation planning as an integral component of government and partner operations.

7. Will provide an update of the Plan in conjunction with the municipalities no less than every five years.





(LOCAL GOVERNMENT, INCLUDING SPECIAL DISTRICTS), New Jersey

RESOLUTION NO. \_\_\_\_\_

A RESOLUTION OF THE (LOCAL GOVERNMENT) ADOPTING THE 2024 BURLINGTON COUNTY  
HAZARD MITIGATION PLAN

WHEREAS the (local governing body) recognizes the threats that natural hazards pose to people and property within (local government); and

WHEREAS the (local government) has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in (local government) from the impacts of future hazards and disasters; and

WHEREAS adoption by the (local governing body) demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

NOW THEREFORE, BE IT RESOLVED BY THE (LOCAL GOVERNMENT), New Jersey, THAT:

Section 1. In accordance with (local rule for adopting resolutions), the (local governing body) adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

ADOPTED by a vote of ✓ in favor and \_\_\_\_\_ against, and \_\_\_\_\_ abstaining, this \_\_\_\_\_ day of \_\_\_\_\_,

By: Sally Bourguignon  
(print name)

ATTEST: By: \_\_\_\_\_  
(print name)

APPROVED AS TO FORM: By: \_\_\_\_\_  
(print name)





**CITY OF BEVERLY  
BURLINGTON COUNTY**

**RESOLUTION 2024-139**

**RESOLUTION OF THE CITY OF BEVERLY ADOPTING THE  
2024 BURLINGTON COUNTY HAZARD MITIGATION PLAN**

**WHEREAS**, the Common Council recognizes the threat that natural hazards pose to people and property within the City of Beverly; and

**WHEREAS**, the City of Beverly has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

**WHEREAS**, the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in the City of Beverly from the impacts of future hazards and disasters; and

**WHEREAS**, adoption by the Common Council demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

**NOW, THEREFORE, BE IT RESOLVED** by the Common Council of the City of Beverly, County of Burlington, and State of New Jersey as follows:

**Section 1.** The Common Council of the City of Beverly hereby adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the municipality, may be edited or amended after submission for review, but will not require the municipality to re-adopt any further iterations. This only applies to this specific plan and does not absolve the municipality from updating the plan in five years.

ROLL CALL VOTE						
Council Member	Motion	Second	Aye	Nay	Abstain	Absent
Dale		✓	✓			
Lowden			✓			
Snively	✓		✓			
Williams			✓			
Bancroft						✓

**CERTIFICATION**

I, Caitlin A. D'Alfonso, RMC, CMR, Municipal Clerk of the City of Beverly, in the County of Burlington, State of New Jersey, do hereby certify that the foregoing is a true and correct copy of the Resolution adopted by the Common Council at a meeting held on October 22, 2024.

  
Caitlin D'Alfonso, RMC, CMR  
Municipal Clerk

  
Randy H. Miller  
Mayor



**CITY OF BORDENTOWN  
RESOLUTION 2024-128**

**RESOLUTION ADOPTING THE 2024 BURLINGTON COUNTY  
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN**

**WHEREAS**, the City of Bordentown has experienced natural hazards that result in public safety hazards and damage to private and public property; and

**WHEREAS**, the hazard mitigation planning process set forth by the State of New Jersey and the Federal Emergency Management Agency offers the opportunity to consider natural hazards and risks, and to identify mitigation actions to reduce future risk; and

**WHEREAS**, the implementation of the *2024 Burlington County Multi-Jurisdictional Hazard Mitigation Plan* will protect the health, safety, and welfare of the residents of the City of Bordentown, as well as, reduce potential damage and shorten the disaster recovery period; and

**WHEREAS** the *2024 Burlington County Multi-Jurisdictional Hazard Mitigation Plan* includes a prioritized list of mitigation actions including activities that, over time, will help minimize and reduce safety threats and damage to private and public property, and

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Commissioners of the City of Bordentown, in the County of Burlington, State of New Jersey:

1. The 2024 Burlington County Multi-Jurisdictional Hazard Mitigation Plan is hereby adopted as an official plan of the City of Bordentown; minor revisions recommended by the Federal Emergency Management Agency and/or the New Jersey Office of Emergency Management may be incorporated without further action.


2. The City of Bordentown departments identified in the Plan are hereby directed to pursue implementation of the recommended high priority activities that are assigned to their departments.

3. Any action proposed by the Plan shall be subject to and contingent upon budget approval, if required, which shall be at the discretion of the Board of Commissioners, and this resolution shall not be interpreted so as to mandate any such appropriations.

4. The Emergency Management Coordinator is designated to coordinate with other offices and shall periodically report on the activities, accomplishments, and progress, and shall prepare an annual progress report to be submitted to the New Jersey Office of Emergency Management. The status reports shall be submitted by October 1 of each year.

\*\*\*\*\*

I hereby certify that the foregoing Resolution was adopted by the Board of Commissioners of the City of Bordentown at a Commission Meeting conducted on the 6<sup>th</sup> day of December 2024.

  
Jennifer M. Smith  
Acting City Clerk

TOWNSHIP OF BORDENTOWN  
RESOLUTION #2024-223

A RESOLUTION OF THE TOWNSHIP OF BORDENTOWN ADOPTING THE  
2024 BURLINGTON COUNTY HAZARD MITIGATION PLAN

WHEREAS the Township Committee of the Township of Bordentown recognizes the threat that natural hazards pose to people and property within Bordentown Township; and

WHEREAS the Township Committee of the Township of Bordentown has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and


WHEREAS the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in Bordentown Township from the impacts of future hazards and disasters; and

WHEREAS adoption by the Township Committee of the Township of Bordentown demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

NOW THEREFORE, BE IT RESOLVED by the Township Committee of the Township of Bordentown, that:

Section 1. In accordance with the Bordentown Township Code by majority vote, the Township Committee of the Township of Bordentown adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

I, Cindy Dziura, Clerk of the Township of Bordentown,  
hereby certify that the above is a true copy of a resolution  
duly authorized by the Township Committee at a  
meeting held on the 18 day of November, 2024.

  
CINDY DZIURA, RMC/CMR, Township Clerk



City of Burlington, New Jersey

RESOLUTION NO. 223-2024

A RESOLUTION OF THE CITY OF BURLINGTON ADOPTING THE 2024 BURLINGTON COUNTY HAZARD MITIGATION PLAN

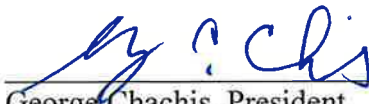
WHEREAS the City of Burlington recognizes the threat that natural hazards pose to people and property within the City of Burlington; and

WHEREAS the City of Burlington has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in the City of Burlington from the impacts of future hazards and disasters; and

WHEREAS adoption by the City of Burlington demonstrates their commitment to hazard Mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

NOW THEREFORE, BE IT RESOLVED BY THE CITY OF BURLINGTON, New Jersey, THAT:  
Section 1. The City of Burlington adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

  
George Chachis, President  
Common Council

Attest:

  
Cindy A. Crivaro, RMC  
City Clerk

November 7, 2024

## RESOLUTION NO. 223-2024

RECORD OF VOTE OF PASSAGE BY THE COMMON COUNCIL						
	MOTION	SECOND	YES	NO	ABSTAIN	ABSENT
BALLARD			✓			
BERGNER-THOMPSON		✓	✓			
HUTTON			✓			
RIJS			✓			
SPAULDING			✓			
WOODARD	✓		✓			
CHACHIS			✓			



**TOWNSHIP OF BURLINGTON**

**RESOLUTION**

2024-R-258

**RESOLUTION OF THE TOWNSHIP OF BURLINGTON ADOPTING  
THE 2024 BURLINGTON COUNTY HAZARD MITIGATION PLAN**

**WHEREAS**, the Township of Burlington recognizes the threat that natural hazards pose to people and property within the Township of Burlington; and

**WHEREAS**, the Township of Burlington has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

**WHEREAS**, the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in the Township of Burlington from the impacts of future hazards and disasters; and

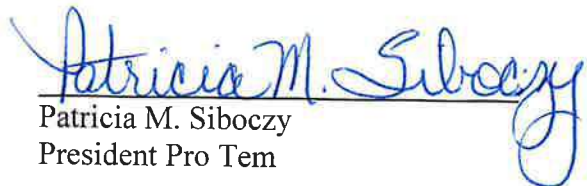
**WHEREAS**, adoption by the Governing Body of the Township of Burlington demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

**NOW THEREFORE, BE IT RESOLVED** by the Governing Body of the Township of Burlington, New Jersey, **THAT**:

Section 1. In accordance with Township of Burlington, the Governing Body adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

**DATE:** November 26, 2024

**TOWNSHIP OF BURLINGTON**

  
Patricia M. Siboczy  
President Pro Tem

**ATTEST:**

  
Mary E. Field, RMC  
Municipal Clerk

**TOWNSHIP OF CHESTERFIELD  
RESOLUTION 2024-12-2**

**RESOLUTION OF THE TOWNSHIP OF CHESTERFIELD ADOPTING THE  
2024 BURLINGTON COUNTY HAZARD MITIGATION PLAN**

**WHEREAS**, the Chesterfield Township Committee recognizes the threat that natural hazards pose to people and property with Chesterfield Township; and

**WHEREAS**, Chesterfield Township has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

**WHEREAS**, the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in Chesterfield Township from the impacts of future hazards and disasters; and

**WHEREAS**, adoption by the Chesterfield Township Committee demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan; and

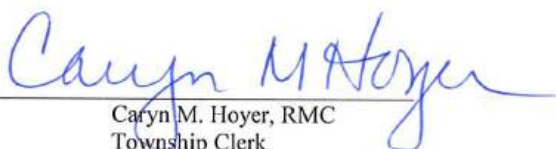
**NOW THEREFORE BE IT RESOLVED**, that the Township Committee of the Township of Chesterfield, County of Burlington, State of New Jersey, hereby adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

**CHESTERFIELD TOWNSHIP COMMITTEE**

~~~~~

ADOPTED by a vote of 5 in favor and 0 against, and 0 abstaining.

I, Caryn M. Hoyer, Clerk of the Township of Chesterfield in the County of Burlington and State of New Jersey do hereby certify the foregoing Resolution to be a true and accurate copy of the Resolution approved by the Township Committee at a duly advertised meeting held on December 12, 2024 at which a quorum was present.

  
\_\_\_\_\_  
Caryn M. Hoyer, RMC  
Township Clerk



**CINNAMINSON TOWNSHIP**

**RESOLUTION 2024 – 122**

**A RESOLUTION OF THE CINNAMINSON TOWNSHIP ADOPTING THE 2024  
BURLINGTON COUNTY HAZARD MITIGATION PLAN**

**WHEREAS** the Cinnaminson Township recognizes the threat that natural hazards pose to people and property within Cinnaminson Township; and

**WHEREAS** the Cinnaminson Township has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

**WHEREAS** the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in Cinnaminson Township from the impacts of future hazards and disasters; and

**WHEREAS** adoption by the Cinnaminson Township Committee demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

**NOW THEREFORE, BE IT RESOLVED BY THE** Township Committee of the Township of Cinnaminson, County of Burlington, State of New Jersey, **THAT:**

Section 1. In accordance with local rule for adopting resolutions, the Cinnaminson Township adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

ADOPTED by a vote of 4 in favor and 0 against, and 0 abstaining, this 18<sup>th</sup> day of November, 2024.

By:  \_\_\_\_\_

Mayor Paul Conda

ATTEST: By:  \_\_\_\_\_

Lisa A. Passione, Municipal Clerk

TOWNSHIP OF DELANCO, NEW JERSEY

RESOLUTION NO. 2024-138

A RESOLUTION OF THE TOWNSHIP OF DELANCO ADOPTING THE 2024 BURLINGTON COUNTY HAZARD  
MITIGATION PLAN

WHEREAS the Township Committee of the Township of Delanco recognizes the threat that natural hazards pose to people and property within the Township of Delanco; and

WHEREAS the Township Committee has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in Township of Delanco from the impacts of future hazards and disasters; and

WHEREAS adoption by the Township Committee demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

NOW THEREFORE, BE IT RESOLVED BY THE Township Committee of the Township of Delanco, New Jersey, THAT:

Section 1. In accordance with (*local rule for adopting resolutions*), the Township Committee adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

ADOPTED by a vote of 5 in favor and 0 against, and 0 abstaining, this 21st day of October, 2024.

By: \_\_\_\_\_

Matthew Bartlett, Mayor

ATTEST: By: \_\_\_\_\_

Janice Lohr, Municipal Clerk

APPROVED AS TO FORM: By: \_\_\_\_\_

Matthew Bartlett, Mayor



**TOWNSHIP OF DELRAN  
RESOLUTION 2024-199**

**A RESOLUTION OF THE TOWNSHIP OF DELRAN ADOPTING THE 2024  
COUNTY HAZARD MITIGATION PLAN**

**WHEREAS**, the Township of Delran recognizes the threat that natural hazards pose to people and property with Delran Township; and

**WHEREAS**, the Township of Delran has prepared a multi-hazard mitigation plan, hereby known as the 204 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

**WHEREAS**, the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in Delran Township from impacts of future hazards and disasters; and

**WHEREAS**, adoption by the Township of Delran demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

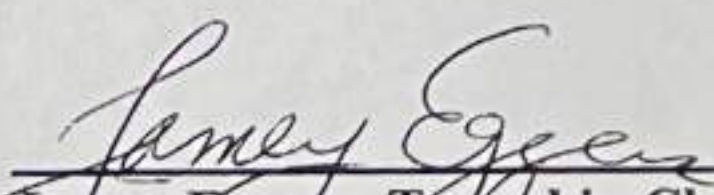
**NOW THEREFORE, BE IT RESOLVED** by the Township of Delran that:

Section 1. In accordance with the Township Code, the Township Council of the Township of Delran adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in five years.

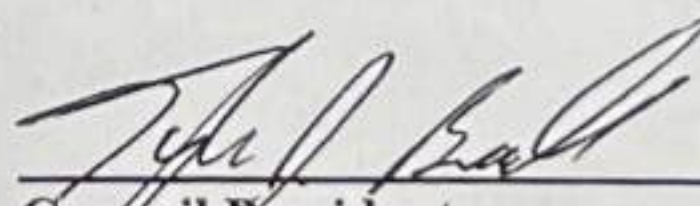
| Council Member            | Yes | No | Abstain | Recuse | Absent |
|---------------------------|-----|----|---------|--------|--------|
| Apeadu                    | X   |    |         |        |        |
| Smith                     | X   |    |         |        |        |
| Jeney                     | X   |    |         |        |        |
| Lyon                      | X   |    |         |        |        |
| Council President Burrell | X   |    |         |        |        |

**Dated: December 10, 2024**

**Witnessed by:**

  
Jamey Eggers, Township Clerk  
Township of Delran

**SO RESOLVED.  
TOWNSHIP OF DELRAN**

  
Council President

**Date signed: December 10, 2024**



**RESOLUTION R2024-127**

**TOWNSHIP OF EASTAMPTON  
BURLINGTON COUNTY**

**ADOPTING THE 2024 BURLINGTON COUNTY  
HAZARD MITIGATION PLAN**

**WHEREAS**, the Eastampton Township Council recognizes the threat that natural hazards pose to people and property within the Township of Eastampton; and

**WHEREAS**, the Township of Eastampton has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

**WHEREAS**, the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in Eastampton from the impacts of future hazards and disasters; and

**WHEREAS**, adoption by the Eastampton Township Council demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

**NOW, THEREFORE, BE IT RESOLVED**, by the Township Council of the Township of Eastampton in the County of Burlington, New Jersey, as follows:

1. The Eastampton Township Council adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.



KIM-MARIE WHITE  
Municipal Clerk

| Council              | Motion | 2 <sup>nd</sup> | Ayes | Nays | Abstain | Absent |
|----------------------|--------|-----------------|------|------|---------|--------|
| Councilman Apgar     |        |                 | ✓    |      |         |        |
| Councilman Rodriguez |        |                 | ✓    |      |         |        |
| Councilman Springer  |        | ✓               | ✓    |      |         |        |
| Councilman Zeno      | ✓      |                 | ✓    |      |         |        |
| Mayor Santillo       |        |                 |      |      |         | ✓      |
|                      |        | VOTE            | 4    | 0    |         |        |

**TOWNSHIP OF EDGEWATER PARK, NEW JERSEY  
RESOLUTION NO. 2024-119**

**A RESOLUTION OF THE TOWNSHIP OF EDGEWATER PARK ADOPTING  
THE 2024 BURLINGTON COUNTY HAZARD MITIGATION PLAN**

**WHEREAS** the Township of Edgewater Park recognizes the threat that natural hazards pose to people and property within Edgewater Park Township; and

**WHEREAS** the Township of Edgewater Park has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

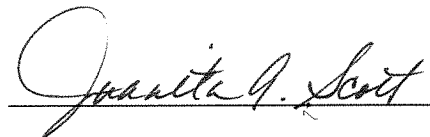
**WHEREAS** the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in Edgewater Park Township from the impacts of future hazards and disasters; and

**WHEREAS** adoption by the Township of Edgewater Park demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

**NOW THEREFORE, BE IT RESOLVED BY THE TOWNSHIP OF  
EDGEWATER PARK, New Jersey, THAT:**

Section 1. In accordance with Township Committee of Edgewater Park, County of Burlington, State of New Jersey, the Township of Edgewater Park adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

TOWNSHIP OF EDGEWATER PARK

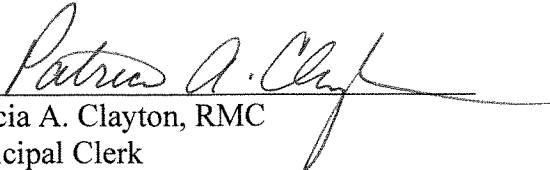
  
\_\_\_\_\_

Juanita A. Scott, Mayor



**TOWNSHIP OF EDGEWATER PARK, NEW JERSEY**  
**RESOLUTION NO. 2024-119**

I certify that the foregoing Resolution No. 2024-119 is a true and correct copy of a resolution adopted by the Township Committee of the Township of Edgewater Park at a meeting held on October 15, 2024.

  
Patricia A. Clayton, RMC  
Municipal Clerk

| Record Vote of the Township Committee on Final Passage |     |    |         |        |              |
|--------------------------------------------------------|-----|----|---------|--------|--------------|
| Committee Member                                       | Yes | No | Abstain | Absent | Motioned By: |
| Committeeman Belgard                                   |     |    |         | ✓      |              |
| Committeeman Daloisio                                  | ✓   |    |         |        | 1st          |
| Committeeman Trainor                                   |     |    |         | ✓      |              |
| Deputy Mayor Cannon-Moye                               | ✓   |    |         |        | 2nd          |
| Mayor Scott                                            | ✓   |    |         |        |              |

TOWNSHIP OF EVESHAM  
RESOLUTION NO. 340-0204

ADOPTION OF THE 2024 BURLINGTON COUNTY HAZARD MITIGATION PLAN

WHEREAS the Evesham Township Council recognizes the threat that natural hazards pose to people and property within Evesham Township; and

WHEREAS the Evesham Township Council has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in Evesham Township Council from the impacts of future hazards and disasters; and

WHEREAS adoption by the Evesham Township Council demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

NOW THEREFORE, BE IT RESOLVED BY THE Township of Evesham, New Jersey, THAT:

Section 1. In accordance with Chapter 3-2 of the Code of the Township of Evesham, the Evesham Township Council adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

I HEREBY CERTIFY that the foregoing resolution was adopted by the Township Council of the Township of Evesham, County of Burlington, State of New Jersey at a meeting held at the Municipal Complex, 984 Tuckerton Road, Marlton, New Jersey 08053 on November 13, 2024.



Rebecca Andrews, Acting Township Clerk

ROLL CALL VOTE

| COUNCIL MEMBER | INTRODUCED | SECONDED | AYE | NAY | ABSTAIN | ABSENT |
|----------------|------------|----------|-----|-----|---------|--------|
| COOPER         | ✓          |          | ✓   |     |         |        |
| ESPINOZA       |            | ✓        | ✓   |     |         |        |
| FREEMAN        |            |          | ✓   |     |         |        |
| HUNTER         |            |          | ✓   |     |         |        |
| MAYOR VEASY    |            |          | ✓   |     |         |        |





Florence Township, New Jersey

RESOLUTION NO. 2024-214

A RESOLUTION OF THE TOWNSHIP OF FLORENCE ADOPTING THE 2024 BURLINGTON COUNTY  
HAZARD MITIGATION PLAN

WHEREAS the Township of Florence recognizes the threat that natural hazards pose to people and property within the Township of Florence; and

WHEREAS the Township of Florence has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in the Township of Florence from the impacts of future hazards and disasters; and

WHEREAS adoption by the Township of Florence demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

NOW THEREFORE, BE IT RESOLVED BY THE Township Council of the Township of Florence, New Jersey, THAT:

Section 1. In accordance with Article IV "Ordinances and Resolutions" of the Florence Township Code, the Township of Florence adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

ADOPTED by a vote of 4 in favor and 0 against, and 0 abstaining, this 4<sup>th</sup> day of DECEMBER, 2024.

By: Frank Baldorossi

Frank Baldorossi, Council President

ATTEST: By: Nancy L. Erlston

Nancy L. Erlston, RMC, Township Clerk

APPROVED AS TO FORM: By: Robert Wright

Robert Wright, Esq., Township Solicitor



**TOWNSHIP OF HAINESPORT  
RESOLUTION 2025-43-1**

**RESOLUTION ADOPTING THE 2024 BURLINGTON COUNTY HAZARD  
MITIGATION PLAN**

**WHEREAS** the Hainesport Township Committee recognizes the threat that natural hazards pose to people and property within Hainesport Township; and

**WHEREAS** Hainesport Township has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

**WHEREAS** the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in Hainesport Township from the impacts of future hazards and disasters; and

**WHEREAS** adoption by the Hainesport Township Committee demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

**NOW THEREFORE, BE IT RESOLVED** BY governing body of Hainesport Township, New Jersey, that:

Section 1. The Hainesport Township Committee adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

I, Paula L. Kosko do certify that this is a true copy of a resolution adopted by the Hainesport Township Committee at a meeting held on January 7, 2025.



Paula L. Kosko

Township Administrator/Clerk

|            | Motion | Second | Ayes | Nays | Abstention | Absent |
|------------|--------|--------|------|------|------------|--------|
| Evans      | X      |        | X    |      |            |        |
| Montgomery |        | X      | X    |      |            |        |
| Dick       |        |        | X    |      |            |        |
| Tordy      |        |        | X    |      |            |        |
| Gilmore    |        |        | X    |      |            |        |

**TOWNSHIP OF LUMBERTON**

**RESOLUTION NO. 2024 – 159**

**RESOLUTION OF THE TOWNSHIP OF LUMBERTON ADOPTING THE  
2024 BURLINGTON COUNTY HAZARD MITIGATION PLAN**

**WHEREAS**, the Township of Lumberton recognizes the threat that natural hazards pose to people and property within Lumberton Township; and

**WHEREAS**, the Township of Lumberton has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

**WHEREAS**, the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in Lumberton Township from the impacts of future hazards and disasters; and

**WHEREAS**, adoption by the Township of Lumberton demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

**NOW THEREFORE, BE IT RESOLVED** by the Township of Lumberton, Burlington County, State of New Jersey that:

Section 1. In accordance with N.J.S.A. 40A:63-6, the Lumberton Township Committee adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

Adopted: December 5, 2024

| COMMITTEE MEMBER    | MOTION | 2 <sup>ND</sup> | YES | ABSTAIN | NO | ABSENT |
|---------------------|--------|-----------------|-----|---------|----|--------|
| <b>L. Faye</b>      |        |                 | X   |         |    |        |
| <b>G. LaPlaca</b>   |        |                 |     |         |    | X      |
| <b>R. Rodriguez</b> |        | X               | X   |         |    |        |
| <b>K. Hatfield</b>  | X      |                 | X   |         |    |        |
| <b>T. Benson</b>    |        |                 | X   |         |    |        |

**CERTIFICATION**

I, Bobbie Quinn, RMC, Lumberton Township Clerk, hereby certify that the foregoing resolution was duly adopted by the Lumberton Township Committee at its Regular Business Meeting held on the 5<sup>th</sup> day of December, 2024.

*Bobbie Quinn*

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Bobbie Quinn, RMC  
Lumberton Township Clerk



**MANSFIELD TOWNSHIP  
BURLINGTON COUNTY**

**RESOLUTION 2024-11-3**

**A RESOLUTION OF THE TOWNSHIP OF MANSFIELD, COUNTY OF BURLINGTON,  
STATE OF NEW JERSEY ADOPTING THE 2024 BURLINGTON COUNTY HAZARD  
MITIGATION PLAN**

**WHEREAS**, the Township of Mansfield recognizes the threat that natural hazards pose to people and property within Mansfield Township; and

**WHEREAS**, the Township of Mansfield has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

**WHEREAS**, the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in Mansfield Township from the impacts of future hazards and disasters; and

**WHEREAS**, adoption by the Township of Mansfield demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

**NOW THEREFORE, BE IT RESOLVED** by the Township Committee of the Township of Mansfield, County of Burlington, State of New Jersey, that:

Section 1. The Township Committee of the Township of Mansfield adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the Mansfield Township Committee, may be edited or amended after submission for review, but will not require the Mansfield Township Committee to re-adopt any further iterations. This only applies to this specific plan and does not absolve the Mansfield Township Committee from updating the plan in 5 years.

**MOTION: SISZ**

**SECOND: JENNINGS**

**ROLL CALL VOTE:**

**AYES: BOYD, JENNINGS, STOBIE, SISZ, MOJENA**

**NAYS: NONE**

**ABSTAIN: NONE**

**ABSENT: NONE**

**CERTIFICATION**

**I, ASHLEY E. JOLLY, RMC, CMR**, Municipal Clerk of the Township of Mansfield, County of Burlington, State of New Jersey, do hereby certify the foregoing to be a true and accurate copy of the resolution adopted by the Township Committee of the Township of Mansfield, County of Burlington, State of New Jersey, at their regular meeting held on November 6, 2024 at 7:00 PM in the Municipal Complex located at 3135 Route 206 South, Columbus, New Jersey 08022.

  
\_\_\_\_\_  
**ASHLEY E. JOLLY, RMC, CMR**  
**Municipal Clerk**

# **TOWNSHIP OF MAPLE SHADE**

## **RESOLUTION 2024-R-191**

### **A RESOLUTION OF THE TOWNSHIP OF MAPLE SHADE ADOPTING THE 2024 BURLINGTON COUNTY HAZARD MITIGATION PLAN**

**WHEREAS** the Township of Maple Shade recognizes the threat that natural hazards pose to people and property within township; and

**WHEREAS** the township has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

**WHEREAS** the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in the Township of Maple Shade from the impacts of future hazards and disasters; and

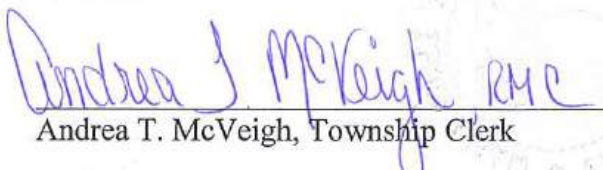
**WHEREAS** adoption by the Township of Maple Shade demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

**NOW THEREFORE, BE IT RESOLVED BY THE** Township Council of the Township of Maple Shade, County of Burlington, State of New Jersey, that:

1. Section 1. The Township of Maple Shade adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

#### **CERTIFICATION**

I hereby certify the foregoing to be a true copy of a Resolution adopted by the Maple Shade Township Council at a meeting held on November 21, 2024

  
Andrea T. McVeigh, Township Clerk

DATE: November 21, 2024

| COUNCIL  | MOTION | SECOND | AYES | NAYS | ABSTAIN | ABSENT |
|----------|--------|--------|------|------|---------|--------|
| Kauffman |        | x      | x    |      |         |        |
| Nunes    | x      |        | x    |      |         |        |
| Volpe    |        |        | x    |      |         |        |
| Wiest    |        |        | x    |      |         |        |
| Schmidt  |        |        | x    |      |         |        |

**BOROUGH OF MEDFORD LAKES, NEW JERSEY**

**RESOLUTION NUMBER 118-24**

**A RESOLUTION OF THE BOROUGH OF MEDFORD LAKES ADOPTING THE 2024  
BURLINGTON COUNTY HAZARD MITIGATION PLAN**

**WHEREAS**, the Borough of Medford Lakes recognizes the threat that natural hazards pose to people and property within Medford Lakes; and

**WHEREAS**, the Borough of Medford Lakes has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

**WHEREAS**, the 2024 Burlington County Hazard Mitigation Plan identifies goals and actions to reduce or eliminate long-term risk to people and property in Medford Lakes Borough from the impacts of future hazards and disasters; and

**WHEREAS**, adoption by the Borough of Medford Lakes demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

**NOW, THEREFORE, BE IT RESOLVED**, by the Borough Council of the Borough of Medford Lakes, County of Burlington, State of New Jersey, that:

Section 1. In accordance with New Jersey State Statutes, the Borough Council adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in five years.

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**VOTE ON ADOPTION**

|                                | Moved    | Seconded | Ayes     | Nays | Absent   | Abstain |
|--------------------------------|----------|----------|----------|------|----------|---------|
| Mayor William R. Fields        |          |          | <b>X</b> |      |          |         |
| Deputy Mayor Dennis P. O'Neill |          | <b>X</b> | <b>X</b> |      |          |         |
| Councilman Thomas J. Cranston  |          |          |          |      | <b>X</b> |         |
| Councilman Matthew R. Bailey   | <b>X</b> |          | <b>X</b> |      |          |         |
| Councilman Gerald Yowell       |          |          | <b>X</b> |      |          |         |

I hereby certify that the foregoing is a true copy of a Resolution adopted by the Borough Council of the Borough of Medford Lakes at a meeting held on the 14<sup>th</sup> day of November 2024.

  
Mark J. McIntosh, RMC  
Borough Clerk



October 15, 2024

**TOWNSHIP OF MEDFORD**

**RESOLUTION 199-2024**

**RESOLUTION OF THE TOWNSHIP OF MEDFORD ADOPTING THE 2024  
BURLINGTON COUNTY HAZARD MITIGATION PLAN**

**WHEREAS**, THE Township of Medford recognizes the threat that natural hazards pose to people and property within Medford Township; and

**WHEREAS**, the Township of Medford has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

**WHEREAS**, the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in the Township of Medford from the impacts of future hazards and disasters; and

**WHEREAS**, adoption by the Township of Medford demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

**NOW, THEREFORE BE IT RESOLVED**, by the Township Council of the Township of Medford, Burlington County, New Jersey adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

I hereby certify that the foregoing is a true copy of a Resolution adopted by the Township Council of the Township of Medford at a meeting held on the 15<sup>th</sup> day of October 2024.

  
Tara Wicker, RMC, Township Clerk

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**TOWNSHIP OF MOORESTOWN**

**RESOLUTION NO. 187-2024**

**ADOPTING THE 2024 BURLINGTON COUNTY  
HAZARD MITIGATION PLAN**

**WHEREAS**, the Township of Moorestown recognizes the threat that natural hazards pose to people and property within the Township; and

**WHEREAS**, Burlington County took the lead to prepare an updated multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan, in accordance with the Disaster Mitigation Act of 2000; and

**WHEREAS**, the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in Moorestown Township from the impacts of future hazards and disasters; and

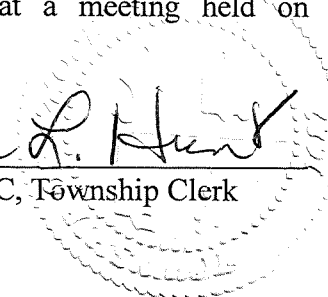
**WHEREAS**, adoption by the township demonstrates our commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

**NOW THEREFORE, BE IT RESOLVED** by the Township Council of the Township of Moorestown, County of Burlington, State of New Jersey, that the Township of Moorestown adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

| VOTE:      |        |
|------------|--------|
| GILLESPIE  | YES    |
| LAW        | YES    |
| KEATING    | YES    |
| MAMMARELLA | YES    |
| ZIPIN      | ABSENT |

Certified to be a true and correct copy of a Resolution adopted by the Moorestown Township Council at a meeting held on October 28, 2024.

  
Patricia L. Hunt, RMC, Township Clerk





**TOWNSHIP COUNCIL  
MOUNT LAUREL MUNICIPAL CENTER**

Distribution \_\_\_\_\_

Resolution No. 24-R-221

REGULAR MEETING

NOVEMBER 18, 2024

**A RESOLUTION OF THE TOWNSHIP OF MOUNT LAUREL ADOPTING THE 2024  
BURLINGTON COUNTY HAZARD MITIGATION PLAN**

**WHEREAS**, the Mount Laurel Township Council recognizes the threat that natural hazards pose to people and property within Mount Laurel; and

**WHEREAS**, the Township of Mount Laurel has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

**WHEREAS**, the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in Mount Laurel from the impacts of future hazards and disasters; and

**WHEREAS**, adoption by the Mount Laurel Township Council demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

**NOW, THEREFORE, BE IT RESOLVED** by the Township Council of the Township of Mount Laurel, County of Burlington, New Jersey, that:

**Section 1.** The Township Council adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

This resolution was adopted at a meeting of the Township Council held on November 18, 2024 and shall take effect immediately.

**A CERTIFIED COPY**

*Meredith Riculfy*  
Meredith Riculfy, Municipal Clerk

|           | MOTION | AYE | NAY | ABSTAINED | ABSENT | TRANSMITTED      |
|-----------|--------|-----|-----|-----------|--------|------------------|
| Cohen     | 1      | ✓   |     |           |        | <i>Bill Long</i> |
| Janjua    |        | ✓   |     |           |        |                  |
| Moustakas | 0      | ✓   |     |           |        |                  |
| Pritchett |        | ✓   |     |           |        |                  |
| Steglik   |        | ✓   |     |           |        |                  |



**RESOLUTION 2024-76**

*Township of New Hanover  
County of Burlington  
State of New Jersey*

**RESOLUTION OF THE NEW HANOVER TOWNSHIP ADOPTING THE 2024 BURLINGTON  
COUNTY HAZARD MITIGATION PLAN**

**WHEREAS** the New Hanover Township recognizes the threat that natural hazards pose to people and property within New Hanover Township and

**WHEREAS** the New Hanover Township has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

**WHEREAS** the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in New Hanover Township from the impacts of future hazards and disasters; and


**WHEREAS** adoption by the New Hanover Township Committee demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

**NOW THEREFORE, BE IT RESOLVED BY THE NEW HANOVER TOWNSHIP**, New Jersey, THAT:

Section 1. The New Hanover Township Committee adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

| COMMITTEE          | YES   | NO | NV | AB         | COMMITTEE | YES            | NO | NV | AB |
|--------------------|-------|----|----|------------|-----------|----------------|----|----|----|
| KOSHAK             | X     |    |    |            | SMITH     | X              |    |    |    |
| PAWLYZYN           | X     |    |    |            | PETERLA   | X              |    |    |    |
| MURPHY             | X     |    |    |            |           |                |    |    |    |
| MOTION             | SMITH |    |    |            | SECOND    | MURPHY         |    |    |    |
| X – INDICATES VOTE |       |    |    | AB- ABSENT |           | NV- NOT VOTING |    |    |    |

I hereby certify the foregoing to be a true copy of a resolution adopted by the Township of New Hanover, Burlington County, New Jersey at a regular meeting held on December 10, 2024.

  
\_\_\_\_\_  
Susan D. Jackson, RMC  
Township Clerk

**RESOLUTION 2024-177  
TOWNSHIP OF NORTH HANOVER  
COUNTY OF BURLINGTON**

**RESOLUTION OF THE TOWNSHIP OF NORTH HANOVER ADOPTING THE 2024  
COUNTY HAZARD MITIGATION PLAN**

**WHEREAS**, the North Hanover Township Committee recognizes the threat that natural hazards pose to people and property within North Hanover Township; and

**WHEREAS**, North Hanover Township has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

**WHEREAS**, the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in North Hanover Township from the impacts of future hazards and disasters; and

**WHEREAS**, adoption by the Township Committee of the Township of North Hanover demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

**NOW THEREFORE, BE IT RESOLVED BY** North Hanover Township, County of Burlington, State of New Jersey, that

:

Section 1. the North Hanover Township Committee hereby adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

| COMMITTEE               | MOTION | 2ND | AYES | NAYS | ABSTAIN | ABSENT |
|-------------------------|--------|-----|------|------|---------|--------|
| Committeeman Doyle      |        |     |      |      |         | X      |
| Committeeman Forsyth    |        | X   | X    |      |         |        |
| Committeeman Kocubinski |        |     | X    |      |         |        |
| Deputy Mayor O'Donnell  |        |     | X    |      |         |        |
| Mayor DeBaecke          | X      |     | X    |      |         |        |

I do hereby certify that the foregoing is a true and exact copy of a Resolution adopted by the Mayor and Township Committee of North Hanover Township on December 5, 2024.

  
\_\_\_\_\_  
Mary Picariello, RMC/CMR/CTC  
Township Clerk

**BOROUGH OF PALMYRA**

**RESOLUTION 2024-229**

**A RESOLUTION OF THE BOROUGH OF PALMYRA ADOPTING THE 2024 BURLINGTON COUNTY HAZARD  
MITIGATION PLAN**

**WHEREAS** the Borough of Palmyra recognizes the threat that natural hazards pose to people and property within Palmyra; and

**WHEREAS** the Borough of Palmyra has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

**WHEREAS** the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in Palmyra from the impacts of future hazards and disasters; and

**WHEREAS** adoption by the Borough Council demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

**NOW THEREFORE, BE IT RESOLVED BY THE BOROUGH OF PALMYRA, NEW JERSEY, THAT:**

Section 1. In accordance with the code of the Borough of Palmyra, the Borough Council adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited, or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

~~ADOPTED~~ by a vote of five in favor and zero against, and one abstaining, this 21st day of October, 2024.

By: \_\_\_\_\_

Gina Ragoma Tait, Mayor

ATTEST: By: \_\_\_\_\_

Doretha R. Jackson, Municipal Clerk

**RECORD OF COUNCIL VOTE ON RESOLUTION 2024-229 adopted**

**MOTION: HOWARD**

**SECOND: O'CONNOR**

Ladonna De'Souza: abstain

Natashia Latimore: yes

John Liebe: yes

Michelle McCann: yes

Jessica O'Connor: yes

President Timothy Howard: yes

Mayor, Gina Ragomo Tait –

I HEREBY CERTIFY that the foregoing resolution was adopted by the Borough Council of the Borough of Palmyra, County of Burlington, State of New Jersey at their Regular Council meeting held on October 21, 2024.

Doretha R. Jackson, RMC

Borough Clerk

APPROVED AS TO FORM: By: \_\_\_\_\_





Pemberton Borough, New Jersey

RESOLUTION NO. 2024-83

A RESOLUTION OF THE GOVERNING BODY OF THE BOROUGH OF PEMBERTON ADOPTING THE 2024  
BURLINGTON COUNTY HAZARD MITIGATION PLAN

WHEREAS the Borough Council recognizes the threat that natural hazards pose to people and property within Pemberton Borough; and

WHEREAS the Borough Council has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in Pemberton Borough from the impacts of future hazards and disasters; and

WHEREAS adoption by the Borough Council demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

NOW THEREFORE, BE IT RESOLVED BY THE BOROUGH OF PEMBERTON, New Jersey, THAT:

Section 1. In accordance with §80-15, the Borough Council adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

ADOPTED by a vote of 6 in favor and 0 against, and 0 abstaining, this 18 day of Nov, 24.

By: Kathy Smick

(print name)

ATTEST: By: Kathy Smick

(print name)

APPROVED AS TO FORM: By: \_\_\_\_\_

(print name)

I, Kathy Smick, Clerk of the Borough of Pemberton, hereby certify that the above is a true copy of a resolution adopted by the Borough Council on the 18 day of Nov 2024.

Kathy Smick  
Kathy Smick, Clerk

**TOWNSHIP OF PEMBERTON**  
**RESOLUTION NO. 298-2024**

**ADOPTING THE 2024 BURLINGTON COUNTY HAZARD MITIGATION PLAN**

**WHEREAS**, the Township of Pemberton Council recognizes the threat that natural hazards pose to people and property within the Township of Pemberton; and

**WHEREAS**, the Township of Pemberton has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

**WHEREAS**, the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in the Township of Pemberton from the impacts of future hazards and disasters; and

**WHEREAS**, adoption by the Township of Pemberton Council demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

**NOW THEREFORE, BE IT RESOLVED** by the Township Council of the Township of Pemberton, in the County of Burlington and State of New Jersey, adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

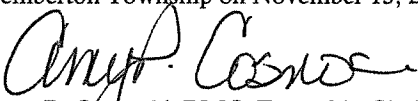
**IT IS FURTHER RESOLVED** that a certified copy of this Resolution shall be provided to each of the following:

- a. Burlington County Office of Emergency Management
- b. Pemberton Township Office of Emergency Management Coordinator

**PEMBERTON TOWNSHIP COUNCIL**

**ATTEST:**

I hereby certify that the foregoing Resolution was adopted by the governing body of Pemberton Township on November 13, 2024.

  
Amy P. Cosnoski, RMC, Township Clerk

**RIVERSIDE TOWNSHIP, BURLINGTON COUNTY, STATE OF NEW JERSEY**

**RESOLUTION NO. 2024 - #116**

**A RESOLUTION OF THE TOWNSHIP OF RIVERSIDE ADOPTING THE 2024  
BURLINGTON COUNTY HAZARD MITIGATION PLAN**

WHEREAS the Riverside Township Committee recognizes the threat that natural hazards pose to people and property within Riverside Township; and

WHEREAS the Riverside Township Committee has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in Riverside Township from the impacts of future hazards and disasters; and

WHEREAS adoption by the Riverside Township Committee demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.


NOW THEREFORE, BE IT RESOLVED BY THE RIVERSIDE TOWNSHIP COMMITTEE, New Jersey, THAT:

Section 1. The Riverside Township Committee adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

| Committee Member  | Motion | 2 <sup>nd</sup> | Yes | Abstain | No | Absent |
|-------------------|--------|-----------------|-----|---------|----|--------|
| <b>Giovanetti</b> |        | 2nd             | X   |         |    |        |
| <b>Kimble</b>     |        |                 | X   |         |    |        |
| <b>Kirk</b>       | 1st    |                 | X   |         |    |        |
| <b>Marter</b>     |        |                 | X   |         |    |        |
| <b>Peditto</b>    |        |                 | X   |         |    |        |

**CERTIFICATION**

I, Susan M. Dydek, RMC, Riverside Township Clerk, hereby certify that the foregoing Resolution was duly adopted by the Riverside Township Committee of the Township of Riverside, in the County of Burlington, State of New Jersey, at their Regular Meeting held on the 18th day of November, 2024.

  
\_\_\_\_\_  
Susan Dydek, RMC  
Riverside Township Clerk



**BOROUGH OF RIVERTON  
RESOLUTION #94-2024**

**A RESOLUTION OF THE BOROUGH OF RIVERTON ADOPTING THE 2024 BURLINGTON  
COUNTY HAZARD MITIGATION PLAN**

**WHEREAS**, the Borough of Riverton recognizes the threat that natural hazards pose to people and property within Riverton; and

**WHEREAS**, the Borough of Riverton has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

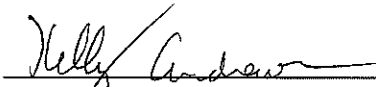
**WHEREAS**, the 2024 Burlington County Hazard Mitigation Plan identified mitigation goals and actions to reduce or eliminate long-term risk to people and property in Riverton from the impacts of future hazards and disasters; and

**WHEREAS**, adoption by Council of the Borough of Riverton demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

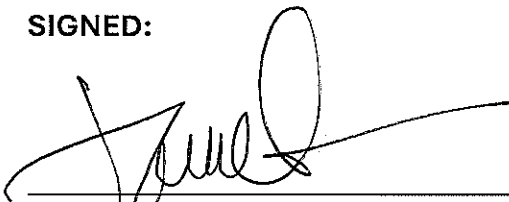
**NOW, THEREFORE BE IT RESOLVED** by the Council of the Borough of Riverton that:

Section 1. The Borough of Riverton adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in five (5) years.

**ATTEST:**

  
Kelly Andrews, RMC, Borough Clerk

**SIGNED:**

  
James Quinn, Mayor

| RECORDED VOTE | MOTION | SECOND | AYE | NAY | ABSTAIN | ABSENT |
|---------------|--------|--------|-----|-----|---------|--------|
| CORBI         |        |        | x   |     |         |        |
| FULLERTON     |        |        | x   |     |         |        |
| RAFTER        |        | x      | x   |     |         |        |
| REED          |        |        | x   |     |         |        |
| SCOTT         | x      |        | x   |     |         |        |
| WILBURN       |        |        | x   |     |         |        |
| MAYOR (TIE)   |        |        |     |     |         |        |



SHAMONG TOWNSHIP, New Jersey

RESOLUTION NO. 2024R-91

A RESOLUTION OF THE TOWNSHIP OF SHAMONG ADOPTING THE  
2024 BURLINGTON COUNTY HAZARD MITIGATION PLAN

WHEREAS the Shamong Township Committee recognizes the threat that natural hazards pose to people and property within the Township of Shamong; and

WHEREAS the Township of Shamong has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in the Township of Shamong from the impacts of future hazards and disasters; and

WHEREAS adoption by the Shamong Township Committee demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

NOW THEREFORE, BE IT RESOLVED BY THE SHAMONG TOWNSHIP COMMITTEE, THAT:

Section 1. In accordance with Robert's Rules of Order, the Township of Shamong adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

ADOPTED by a vote of 4 in favor and 0 against, and 0 abstaining, this 12<sup>th</sup> day of November, 2024.

By: [Signature]

Michael S. DiCroce, Mayor

ATTEST: By: [Signature]

Susan D. Onorato, Municipal Clerk

APPROVED AS TO FORM: By: [Signature]

Susan D. Onorato, Municipal Clerk



**RESOLUTION NO. 2024-134**

**A RESOLUTION OF THE TOWNSHIP OF SOUTHAMPTON ADOPTING THE 2024  
BURLINGTON COUNTY HAZARD MITIGATION PLAN**

WHEREAS the Township Committee of Southampton Township recognizes the threat that natural hazards pose to people and property within Southampton Township; and

WHEREAS the Township Committee of Southampton Township has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in Southampton Township from the impacts of future hazards and disasters; and

WHEREAS adoption by the Township Committee of Southampton Township demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

NOW THEREFORE, BE IT RESOLVED BY THE Township Committee of Southampton Township, New Jersey, THAT:

Section 1. In accordance with N.J.S.A. 40:49-1 the Township Committee of Southampton Township adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

**ACTION:**

Motion made by:

Motion seconded by:

Raftery  
Heston

**VOTE:**

|                             |                                      |    |         |             |
|-----------------------------|--------------------------------------|----|---------|-------------|
| Committeeman Harrison, III: | <input checked="" type="radio"/> Yes | No | Abstain | Not Present |
| Committeeman Raftery:       | <input checked="" type="radio"/> Yes | No | Abstain | Not Present |
| Committeeman Young, Sr.:    | <input checked="" type="radio"/> Yes | No | Abstain | Not Present |
| Deputy Mayor Heston:        | <input checked="" type="radio"/> Yes | No | Abstain | Not Present |
| Mayor Rossell:              | <input checked="" type="radio"/> Yes | No | Abstain | Not Present |



I, Melanie L. Brown, Municipal Clerk of the Township of Southampton, County of Burlington, State of New Jersey do hereby certify this to be a true and correct version of a resolution adopted by the Southampton Township Committee at the meeting of the body on NOVEMBER 26, 2024.

IN WITNESS WHEREOF, I have hereunto set my hand and the official seal of the Township of Southampton, this 26TH day of NOVEMBER, 2024.

A handwritten signature in black ink, appearing to read "Melanie L. Brown", is written over a horizontal line.

Melanie L. Brown, RMC

Municipal Clerk

## Resolution 2024-12-02

### A RESOLUTION OF THE SPRINGFIELD TOWNSHIP

#### ADOPTING THE 2024 BURLINGTON COUNTY HAZARD MITIGATION PLAN

WHEREAS the Council of Springfield Township recognizes the threat that natural hazards pose to people and property within Springfield Township; and

WHEREAS the Council of Springfield Township has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in Springfield Township from the impacts of future hazards and disasters; and

WHEREAS adoption by the Springfield Township demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

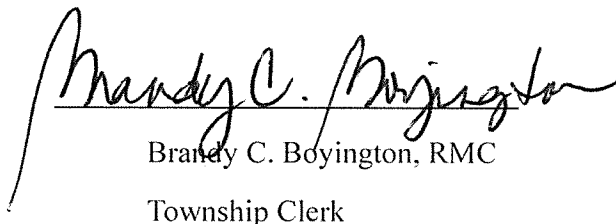
NOW THEREFORE, BE IT RESOLVED THAT SPRINGFIELD TOWNSHIP, New Jersey, THAT:

the Council of Springfield Township adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

| ROLL CALL VOTE |        |        |     |     |         |        |
|----------------|--------|--------|-----|-----|---------|--------|
| Council Member | Motion | Second | Aye | Nay | Abstain | Absent |
| Frank          |        |        | X   |     |         |        |
| Eaton          | X      |        | X   |     |         |        |
| McDaniel       |        |        | X   |     |         |        |
| Sobotka        |        |        | X   |     |         |        |
| Hermesmann     |        | X      | X   |     |         |        |

#### CERTIFICATION

I, Brandy Boyington, RMC, CMR, Municipal Clerk of the Township of Springfield, in the County of Burlington, and State of New Jersey, do hereby certify this to be a true and accurate copy of the Resolution approved by the Common Council of the Township of Springfield at its meeting held on December 11, 2024.

  
Brandy C. Boyington, RMC  
Township Clerk

A RESOLUTION OF THE Tabernacle Township Committee ADOPTING THE 2024 BURLINGTON COUNTY HAZARD  
MITIGATION PLAN

WHEREAS the Tabernacle Township recognizes the threat that natural hazards pose to people and property within Tabernacle Township; and

WHEREAS the Tabernacle Township has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

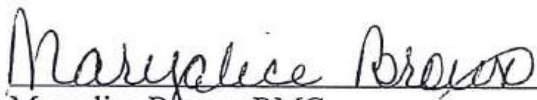
WHEREAS the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in Tabernacle Township from the impacts of future hazards and disasters; and

WHEREAS adoption by the Tabernacle Township Committee demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

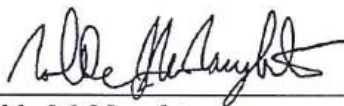
NOW THEREFORE, BE IT RESOLVED BY THE Tabernacle Township, New Jersey, THAT:

Section 1. In accordance with (*local rule for adopting resolutions*), the Tabernacle Township Committee adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

Adopted: 11-25-24



Maryalice Brown, RMC  
Township Clerk/Administrator



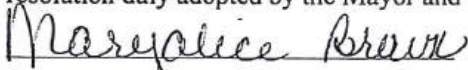
Noble McNaughton  
Mayor

Vote on Adoption

|            | Moved | Seconded | Ayes | Navs | Absent | Abstain |
|------------|-------|----------|------|------|--------|---------|
| Sprague    |       | ✓        | ✓    |      |        |         |
| Moore      |       |          |      |      | ✓      |         |
| Hartman    | ✓     |          | ✓    |      |        |         |
| Barton     |       |          | ✓    |      |        |         |
| McNaughton |       |          | ✓    |      |        |         |

CERTIFICATION

I, Maryalice Brown, Township Clerk of the Township of Tabernacle, do hereby certify that the above is a true and correct copy of a resolution duly adopted by the Mayor and Township Committee at its Regular Meeting held on 11-25-24



Maryalice Brown, RMC  
Township Clerk/Administrator



**TOWNSHIP OF WASHINGTON  
RESOLUTION # 2025-22**

**RESOLUTION ADOPTING THE BURLINGTON COUNTY MULTI-JURISDICTIONAL  
HAZARD MITIGATION PLAN**

WHEREAS, the Township of Washington has experienced natural hazards that result in public safety hazards and damage to private and public property;

WHEREAS, the hazard mitigation planning process set forth by the State of New Jersey and the Federal Emergency Management Agency offers the opportunity to consider natural hazards and risks, and to identify mitigation actions to reduce future risk;

WHEREAS, the New Jersey Office of Emergency Management provided federal mitigation funds to support development of the mitigation plan;

WHEREAS, a *Burlington County Multi-Jurisdictional Hazard Mitigation Plan* has been developed by the Mitigation Planning Committee;

WHEREAS, FEMA Region II has approved the *Burlington County Multi-Jurisdictional Hazard Mitigation Plan*; the purpose of this Plan is to reduce the loss of life and property due to natural disaster;

WHEREAS, the implementation of the *Burlington County Multi-Jurisdictional Hazard Mitigation Plan* will protect the health, safety, and welfare of the residents of the (name of municipality) as well as reduce potential damage and shorten the disaster recovery period;

WHEREAS the *Burlington County Multi-Jurisdictional Hazard Mitigation Plan* includes a prioritized list of mitigation actions including activities that, over time, will help minimize and reduce safety threats and damage to private and public property, and

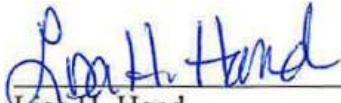
WHEREAS the County of Burlington conducted a web-based public survey from March 2019 to December 2019 to introduce the planning concept and to solicit questions and comments; and to present the Plan and request comments, as required by law;

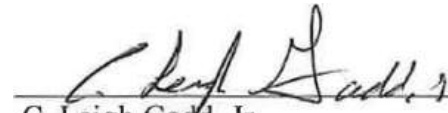
NOW THEREFORE BE IT RESOLVED by the Township Committee of the Township of Washington, Burlington County:

1. The *Burlington County Multi-Jurisdictional Hazard Mitigation Plan* is hereby adopted as an official plan of the Township of Washington; minor revisions recommended by the Federal Emergency Management Agency and/or the New Jersey Office of Emergency Management may be incorporated without further action.

PASSED by the Township Committee of the Township of Washington, this 7th day of January, 2025.

**THIS IS CERTIFICATION THAT THE FOREGOING RESOLUTION WAS  
ADOPTED AT A MEETING OF THE TOWNSHIP COMMITTEE OF THE  
TOWNSHIP OF WASHINGTON ON THE 7th DAY OF JANUARY 2025.**

  
\_\_\_\_\_  
Lisa H. Hand  
Municipal Clerk

  
\_\_\_\_\_  
C. Leigh Gadd, Jr.  
Mayor

**WILLINGBORO TOWNSHIP  
COUNTY OF BURLINGTON, NEW JERSEY**

**RESOLUTION 2025-35**

**A RESOLUTION OF THE WILLINGBORO TOWNSHIP COUNCIL  
ADOPTING THE 2024 BURLINGTON COUNTY HAZARD MITIGATION  
PLAN**

**WHEREAS** the Willingboro Township Council recognizes the threat that natural hazards pose to people and property within Burlington County; and

**WHEREAS** the Burlington County has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

**WHEREAS** the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in Willingboro Township from the impacts of future hazards and disasters; and

**WHEREAS** adoption by the Willingboro Township Council demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan; and

**WHEREAS** the Township is given the authority to update Table 9.39-1 Hazard Mitigation Planning Team as needed.

**NOW THEREFORE, BE IT RESOLVED** by the Willingboro Township Council, New Jersey, that:

Section 1. The Willingboro Township Council adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.



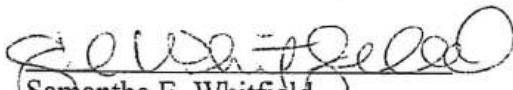
## CERTIFICATION

I, **SAMANTHA SAVINO**, DO HEREBY CERTIFY this to be a true and accurate copy of a Resolution that was adopted by the Township Council of the Township of Willingboro at the Regular Council meeting on **FEBRUARY 18, 2025**.



Samantha Savino, RMC  
Municipal Township Clerk

APPROVED:



Samantha E. Whitfield  
Mayor

| RESOLUTION 2025-35    |        |        |     |     |      |        |
|-----------------------|--------|--------|-----|-----|------|--------|
| COUNCIL MEMBER        | MOTION | SECOND | AYE | NAY | ABST | ABSENT |
| Councilwoman Perrone  | X      |        | X   |     |      |        |
| Councilman Anderson   |        |        |     |     |      | X      |
| Councilwoman McIntosh |        |        | X   |     |      |        |
| Deputy Mayor Worthy   |        | X      | X   |     |      |        |
| Mayor Whitfield       |        |        | X   |     |      |        |

**BOROUGH OF WRIGHTSTOWN  
COUNTY OF BURLINGTON**

**RESOLUTION 2024-081**

**A RESOLUTION OF THE BOROUGH COUNCIL OF THE  
BOROUGH OF WRIGHTSTOWN ADOPTING THE  
2024 BURLINGTON COUNTY HAZARD MITIGATION PLAN**

**WHEREAS**, the Borough Council of the Borough of Wrightstown recognizes the threat that natural hazards pose to people and property within the Borough of Wrightstown; and,

**WHEREAS**, the Borough of Wrightstown has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan, in accordance with the Disaster Mitigation Act of 2000; and,

**WHEREAS**, the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in the Borough of Wrightstown from the impacts of future hazards and disasters; and,

**WHEREAS**, adoption by the Borough Council demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

**NOW, THEREFORE, BE IT RESOLVED** by the Borough Council of the Borough of Wrightstown, in the County of Burlington, State of New Jersey, that:

Section 1. In accordance with §4-6, Powers of Council, of the Code of the Borough of Wrightstown, the Borough Council hereby adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in five (5) years.

**Motion:** Mr. Craig

**Second:** Mrs. Carroll

**Roll Call Vote:**

Ayes: Mr. Bird, Mr. Bushnell, Mrs. Carroll, Mr. Craig, Mrs. Knapp

Nays: None

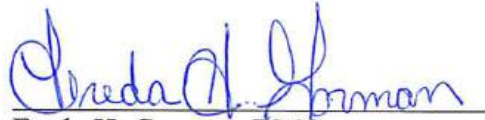
Absent: Mr. Lownds

Abstain: None

  
\_\_\_\_\_  
Donald Cottrell  
Mayor

### **CERTIFICATION**

I, Freda H. Gorman, Municipal Clerk for the Borough of Wrightstown, do hereby certify the foregoing to be a true copy of a resolution adopted by the Borough Council of the Borough of Wrightstown, County of Burlington, State of New Jersey, at a meeting held on November 13, 2024.



Freda H. Gorman, RMC  
Municipal Clerk

Res24081 Adopt2024HazardMitigationPlan



Woodland Township, New Jersey

RESOLUTION NO. 2024-72

A RESOLUTION OF THE TOWNSHIP OF WOODLAND ADOPTING THE 2024 BURLINGTON COUNTY HAZARD MITIGATION PLAN

WHEREAS the Township of Woodland recognizes the threat that natural hazards pose to people and property within the Township of Woodland; and

WHEREAS the Township of Woodland has prepared a multi-hazard mitigation plan, hereby known as the 2024 Burlington County Hazard Mitigation Plan in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS the 2024 Burlington County Hazard Mitigation Plan identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in Woodland Township from the impacts of future hazards and disasters; and

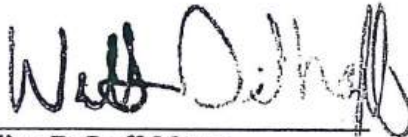
WHEREAS adoption by the Township of Woodland demonstrates their commitment to hazard mitigation and achieving the goals outlined in the 2024 Burlington County Hazard Mitigation Plan.

NOW THEREFORE, BE IT RESOLVED BY THE Township Committee of the Township of Woodland, New Jersey, THAT:






Section 1. The Township of Woodland adopts the 2024 Burlington County Hazard Mitigation Plan. This plan, approved by the community, may be edited or amended after submission for review, but will not require the community to re-adopt any further iterations. This only applies to this specific plan and does not absolve the community from updating the plan in 5 years.

Adopted: 11-26-24

  
Maryalice Brown, RMC  
Township Clerk/Administrator

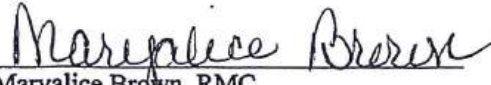
  
William DeGroff, Mayor

Vote on Adoption

|         | Moved                                                                               | Seconded                                                                            | Ayes                                                                                | Nays | Absent | Abstain |
|---------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|--------|---------|
| DeGroff |                                                                                     |                                                                                     |  |      |        |         |
| Herndon |                                                                                     |  |  |      |        |         |
| Mull    |  |                                                                                     |  |      |        |         |

CERTIFICATION

I, Maryalice Brown, Township Clerk of the Township of Woodland, do hereby certify that the above is a true and correct copy of a resolution duly adopted by the Mayor and Township Committee at its Regular Meeting held on November 26, 2024.

  
Maryalice Brown, RMC  
Township Clerk/Administrator



## SECTION B. PARTICIPATION MATRIX

The matrix in Appendix B is intended to give a broad overview of FEMA, the State of New Jersey, county, municipal, and stakeholder personnel that participated in the Burlington County HMP update planning process. Meeting attendees and input provided are also included. During the planning process the consultant contacted each participant to offer support, explain the process, and facilitate the submittal and review of critical documents.

Participation is defined as having input to the hazard analysis (providing critical facility, hazard event, vulnerability data, etc.), and as having participated in the mitigation workshop or alternate annex meetings as described in the HMP for the purpose of creating a mitigation strategy to be included in each jurisdictional annex in Section 9. A list of participating jurisdictions and representatives is found in Table B-1.

Various stakeholders were invited to participate in the planning process. Stakeholders were invited to meetings, asked to complete a stakeholder survey, requested to provide input on their involvement in Planning Area, and review and comment on the draft plan. A list of stakeholders and their participation is found in Table B-2.

In preparation for the draft plan public review, each jurisdiction was asked to have their 'mitigation team' review their annex to ensure it was complete and accurate for posting to Burlington County's HMP website (<https://www.burlingtoncountynjhmp.com/>).



Table B-1: Participation Matrix

| Name                       | Title / Position                  | Attended Pre-Kick Off Meeting (06/20/23) | Attended Steering Committee Kick-Off Meeting (08/22/23) | Attended Planning Partnership Kick-Off Meeting (08/29/23) | Attended Steering Committee Risk Assessment Meeting (10/24/23) | Attended Planning Partnership Risk Assessment and Mitigation Strategy Workshop (10/30/23) | Attended Public Risk Assessment Meeting (11/09/23) | Attended Draft Review Meeting (02/15/24) | Attended Public Draft Plan Review Meeting (02/20/24) | Feedback provided | Steering Committee Member | Planning Partnership Member | Primary Point of Contact | Alternate Point of Contact | NFIP Administrator |
|----------------------------|-----------------------------------|------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------|-------------------|---------------------------|-----------------------------|--------------------------|----------------------------|--------------------|
| County of Burlington       |                                   |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Kristen Carr               | OEM Deputy Coordinator            | X                                        | X                                                       |                                                           | X                                                              | X                                                                                         | X                                                  | X                                        | X                                                    |                   | X                         | X                           | X                        |                            |                    |
| Darryl Williams            | OEM Coordinator                   |                                          | X                                                       |                                                           | X                                                              | X                                                                                         |                                                    | X                                        |                                                      |                   | X                         | X                           |                          | X                          |                    |
| Madison Hoff               | Assistant Planner                 |                                          | X                                                       |                                                           | X                                                              | X                                                                                         |                                                    |                                          |                                                      |                   | X                         | X                           |                          |                            |                    |
| Todd Wirth                 | Management Specialist             |                                          | X                                                       |                                                           |                                                                |                                                                                           |                                                    | X                                        | X                                                    |                   | X                         | X                           |                          |                            |                    |
| Joseph Brickley            | Director of Public Works          |                                          | X                                                       |                                                           | X                                                              |                                                                                           |                                                    |                                          | X                                                    |                   | X                         | X                           |                          |                            |                    |
| Thomas Stanuikynas         | County Planner                    |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    | X                                        |                                                      |                   | X                         | X                           |                          |                            |                    |
| David Levinsky             | Public Information Officer        |                                          | X                                                       |                                                           | X                                                              |                                                                                           |                                                    |                                          |                                                      |                   | X                         | X                           |                          |                            |                    |
| Herbert Conway             | Director of Health                |                                          | X                                                       |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   | X                         | X                           |                          |                            |                    |
| Monique Davis              | Assistant Health Officer          |                                          | X                                                       |                                                           | X                                                              |                                                                                           |                                                    | X                                        |                                                      |                   | X                         | X                           |                          |                            |                    |
| Holly Funkhouse Cucuzzella | Health Officer                    |                                          |                                                         |                                                           | X                                                              |                                                                                           |                                                    |                                          |                                                      |                   | X                         | X                           |                          |                            |                    |
| Bob Carr                   | Fire Marshal                      |                                          | X                                                       |                                                           | X                                                              |                                                                                           |                                                    |                                          |                                                      |                   | X                         | X                           |                          |                            |                    |
| Mary Pat Robbie            | Director of Resource Conservation |                                          | X                                                       |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   | X                         | X                           |                          |                            |                    |
| David Rickert              | GIS Specialist 2                  |                                          | X                                                       |                                                           | X                                                              |                                                                                           |                                                    | X                                        |                                                      |                   | X                         | X                           |                          |                            |                    |
| Merrilee Torres            | GIS Specialist 1, GIS Supervisor  |                                          | X                                                       |                                                           | X                                                              |                                                                                           |                                                    |                                          |                                                      |                   | X                         | X                           |                          |                            |                    |
| Jerome Sheehan             | Director of Solid Waste           |                                          | X                                                       |                                                           | X                                                              |                                                                                           |                                                    |                                          |                                                      |                   | X                         | X                           |                          |                            |                    |





| Name                   | Title / Position                       | Attended Pre-Kick Off Meeting (06/20/23) | Attended Steering Committee Kick-Off Meeting (08/22/23) | Attended Planning Partnership Kick-Off Meeting (08/29/23) | Attended Steering Committee Risk Assessment Meeting (10/24/23) | Attended Planning Partnership Risk Assessment and Mitigation Strategy Workshop (10/30/23) | Attended Public Risk Assessment Meeting (11/09/23) | Attended Draft Review Meeting (02/15/24) | Attended Public Draft Plan Review Meeting (02/20/24) | Feedback provided | Steering Committee Member | Planning Partnership Member | Primary Point of Contact | Alternate Point of Contact | NFIP Administrator |
|------------------------|----------------------------------------|------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------|-------------------|---------------------------|-----------------------------|--------------------------|----------------------------|--------------------|
| Kevin Savage           | Director of Information and Technology |                                          | X                                                       |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   | X                         | X                           |                          |                            |                    |
| Michael Patton         | Assistant Director                     |                                          |                                                         |                                                           | X                                                              |                                                                                           |                                                    |                                          |                                                      |                   | X                         | X                           |                          |                            |                    |
| Jalen Singleton        | Data Specialist                        |                                          | X                                                       |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   | X                         | X                           |                          |                            |                    |
| Steven Stypinski       | Director of Construction Services      |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   | X                         | X                           |                          |                            |                    |
| Malikah Morris         | Human Services Director                |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          | X                                                    |                   | X                         | X                           |                          |                            |                    |
| Elfrieda Francis       | Division Head for Behavioral Health    |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   | X                         | X                           |                          |                            |                    |
| John Janis             | County Supervisor of Roads and Bridges |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          | X                                                    |                   | X                         | X                           |                          |                            |                    |
| Kevin Briggs           | Executive Supervisor of Public Safety  |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   | X                         | X                           |                          |                            |                    |
| Jeremy Hreben          | Superintendent of Parks                |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   | X                         | X                           |                          |                            |                    |
| Jerome Kilkenny        | Transportation Coordinator             |                                          |                                                         |                                                           | X                                                              |                                                                                           |                                                    | X                                        |                                                      |                   |                           |                             |                          |                            |                    |
| Township of Bass River |                                        |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| 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                  |



| Name                | Title / Position            | Attended Pre-Kick Off Meeting (06/20/23) | Attended Steering Committee Kick-Off Meeting (08/22/23) | Attended Planning Partnership Kick-Off Meeting (08/29/23) | Attended Steering Committee Risk Assessment Meeting (10/24/23) | Attended Planning Partnership Risk Assessment and Mitigation Strategy Workshop (10/30/23) | Attended Public Risk Assessment Meeting (11/09/23) | Attended Draft Review Meeting (02/15/24) | Attended Public Draft Plan Review Meeting (02/20/24) | Feedback provided | Steering Committee Member | Planning Partnership Member | Primary Point of Contact | Alternate Point of Contact | NFIP Administrator |
|---------------------|-----------------------------|------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------|-------------------|---------------------------|-----------------------------|--------------------------|----------------------------|--------------------|
| Deborah Buzby-Cope  | Mayor                       |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Jim Scurmon         | Construction Official       |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Jenny Gleghorn      | Municipal Clerk             |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| City of Beverly     |                             |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Kevin J. Richards   | OEM Coordinator             |                                          |                                                         | X                                                         |                                                                | X                                                                                         |                                                    |                                          |                                                      |                   |                           | X                           | X                        |                            |                    |
| Rich Wolbert        | Public Safety               |                                          |                                                         | X                                                         |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          | X                          |                    |
| Rakesh Darji        | Floodplain Administrator    |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            | X                  |
| William Kirchner    | City Engineer               |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Cedric Minter       | Construction Code Official  |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| George Meredith     | Fire Chief                  |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Caitlin D'Alfonso   | Municipal Clerk             |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Michael Haws        | DPW Supervisor              |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Mark Remsa          | City Planner                |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| City of Bordentown  |                             |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| James E. Lynch, Jr. | OEM Coordinator / Mayor     |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           | X                        |                            |                    |
| Margaret Peak       | Administrator               |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          | X                                                    |                   |                           | X                           |                          | X                          |                    |
| Brian Maugeri Sr.   | OEM Deputy Coordinator      |                                          |                                                         | X                                                         |                                                                | X                                                                                         |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Jennifer M. Smith   | Planning Board Secretary    |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            | X                  |
| Robert Erickson     | Public Works Superintendent |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |



| Name                   | Title / Position                           | Attended Pre-Kick Off Meeting (06/20/23) | Attended Steering Committee Kick-Off Meeting (08/22/23) | Attended Planning Partnership Kick-Off Meeting (08/29/23) | Attended Steering Committee Risk Assessment Meeting (10/24/23) | Attended Planning Partnership Risk Assessment and Mitigation Strategy Workshop (10/30/23) | Attended Public Risk Assessment Meeting (11/09/23) | Attended Draft Review Meeting (02/15/24) | Attended Public Draft Plan Review Meeting (02/20/24) | Feedback provided | Steering Committee Member | Planning Partnership Member | Primary Point of Contact | Alternate Point of Contact | NFIP Administrator |
|------------------------|--------------------------------------------|------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------|-------------------|---------------------------|-----------------------------|--------------------------|----------------------------|--------------------|
| Shaun Lafferty         | Police Chief                               |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Township of Bordentown |                                            |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Nichaolas S. Buroczi   | OEM Coordinator                            |                                          |                                                         | X                                                         |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           | X                        |                            |                    |
| Nathan Roohr           | Captain of Police                          |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Dean Buhner            | Director of Public Works                   |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Eric Holliday          | Committeeman/Committee Liaison to OEM      |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Robert McFarland       | Fire District #2 Chief                     |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| 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                           |                          |                            | X                  |
| Fred Turek             | Township Engineer - Turek Consulting LLC   |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Dean Buhner            | Director of Public Works                   |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |





| Name                   | Title / Position                                              | Attended Pre-Kick Off Meeting (06/20/23) | Attended Steering Committee Kick-Off Meeting (08/22/23) | Attended Planning Partnership Kick-Off Meeting (08/29/23) | Attended Steering Committee Risk Assessment Meeting (10/24/23) | Attended Planning Partnership Risk Assessment and Mitigation Strategy Workshop (10/30/23) | Attended Public Risk Assessment Meeting (11/09/23) | Attended Draft Review Meeting (02/15/24) | Attended Public Draft Plan Review Meeting (02/20/24) | Feedback provided | Steering Committee Member | Planning Partnership Member | Primary Point of Contact | Alternate Point of Contact | NFIP Administrator |
|------------------------|---------------------------------------------------------------|------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------|-------------------|---------------------------|-----------------------------|--------------------------|----------------------------|--------------------|
| Marcie Maute           | Zoning Officer                                                |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| City of Burlington     |                                                               |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Frank S. Caruso        | OEM Coordinator                                               |                                          |                                                         | X                                                         |                                                                | X                                                                                         |                                                    |                                          | X                                                    |                   |                           | X                           | X                        |                            |                    |
| David C. Mudge         | OEM Deputy Coordinator                                        |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Craig E. Leshner Sr.   | OEM Deputy Coordinator                                        |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Kenneth Shine          | Sewer/Drainage Engineer                                       |                                          |                                                         | X                                                         |                                                                | X                                                                                         |                                                    |                                          | X                                                    |                   |                           | X                           |                          | X                          |                    |
| Johanna Conyer         | Business Administrator                                        |                                          |                                                         | X                                                         |                                                                |                                                                                           |                                                    |                                          | X                                                    |                   |                           | X                           |                          |                            |                    |
| William Harris         | Director of Housing and Economic Development, CRS Coordinator |                                          |                                                         | X                                                         |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Barry W. Conaway       | Mayor                                                         |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| William Curry          | Director of Public Works                                      |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Allison S Iannaccone   | Floodplain Administrator                                      |                                          |                                                         | X                                                         |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            | X                  |
| Zoraida Pagan          | Administrative Secretary                                      |                                          |                                                         | X                                                         |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Jody Mazeall           | Construction Official                                         |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Ryan Elbertson         | Police Chief                                                  |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Bill Kirschner         | Asst. Engineer                                                |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Cindy Crivaro          | Municipal Clerk                                               |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Township of Burlington |                                                               |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |



| Name                     | Title / Position           | Attended Pre-Kick Off Meeting (06/20/23) | Attended Steering Committee Kick-Off Meeting (08/22/23) | Attended Planning Partnership Kick-Off Meeting (08/29/23) | Attended Steering Committee Risk Assessment Meeting (10/24/23) | Attended Planning Partnership Risk Assessment and Mitigation Strategy Workshop (10/30/23) | Attended Public Risk Assessment Meeting (11/09/23) | Attended Draft Review Meeting (02/15/24) | Attended Public Draft Plan Review Meeting (02/20/24) | Feedback provided | Steering Committee Member | Planning Partnership Member | Primary Point of Contact | Alternate Point of Contact | NFIP Administrator |
|--------------------------|----------------------------|------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------|-------------------|---------------------------|-----------------------------|--------------------------|----------------------------|--------------------|
| Deborah M. Painter       | OEM Deputy Coordinator     |                                          |                                                         | X                                                         |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Matthew Tomaszewski      | OEM Deputy Coordinator     |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| David C. Ekelburg        | OEM Coordinator            |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           | X                        |                            |                    |
| Bruce Painter            | Public Safety Director     |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Mary E. Field            | Township Clerk             |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Anthony Tappanese        | Housing Inspector          |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| E.L. Pete Green          | Mayor                      |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| George Coolidge          | Director of Public Works   |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Joseph S. Augustyn       | Planner                    |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Scott Hatfield           | Township Engineer          |                                          |                                                         |                                                           |                                                                | X                                                                                         |                                                    |                                          |                                                      |                   |                           | X                           |                          | X                          |                    |
| Jon Lamont               | Construction Code Official |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            | X                  |
| Jodi Botlinger           | Mayor's Administrator      |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Township of Chesterfield |                            |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Rick Bainbridge          | OEM Coordinator            |                                          |                                                         | X                                                         |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           | X                        |                            |                    |
| Michael Davison          | OEM Deputy Coordinator     |                                          |                                                         | X                                                         |                                                                | X                                                                                         |                                                    |                                          | X                                                    |                   |                           | X                           |                          | X                          |                    |
| Carmela Roberts          | Former Township Engineer   |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            | X                  |
| Leah Furey Bruder        | Township Planner           |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Troy Ulshafer            | Public Works Manager       |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |

Section B | Participation Matrix



| Name                    | Title / Position                         | Attended Pre-Kick Off Meeting (06/20/23) | Attended Steering Committee Kick-Off Meeting (08/22/23) | Attended Planning Partnership Kick-Off Meeting (08/29/23) | Attended Steering Committee Risk Assessment Meeting (10/24/23) | Attended Planning Partnership Risk Assessment and Mitigation Strategy Workshop (10/30/23) | Attended Public Risk Assessment Meeting (11/09/23) | Attended Draft Review Meeting (02/15/24) | Attended Public Draft Plan Review Meeting (02/20/24) | Feedback provided | Steering Committee Member | Planning Partnership Member | Primary Point of Contact | Alternate Point of Contact | NFIP Administrator |
|-------------------------|------------------------------------------|------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------|-------------------|---------------------------|-----------------------------|--------------------------|----------------------------|--------------------|
| Denise Koetas-Dale      | Mayor                                    |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Caryn Hoyer             | Municipal Clerk                          |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Thomas A. Sahol         | Former Township Administrator            |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Glenn McMahon           | Technical Assistant/Code Enforcement     |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Ryan Lynch              | Fire Chief                               |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Roger Fort              | Construction Official                    |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Joseph R. Hirsh         | Township Engineer                        |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Township of Cinnaminson |                                          |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Danny Norman            | OEM Coordinator                          |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           | X                        |                            |                    |
| William Obuchowski      | OEM Deputy Coordinator                   |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Kevin Gauntt            | Superintendent of Public Works           |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Julia Edmondson         | Chief Financial Officer/Purchasing Agent |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Lisa Passione           | Municipal Clerk                          |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Michael Minton          | Zoning and Code Enforcement Officer      |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Ernest McGill           | Mayor                                    |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Eric Schubiger          | Township Administrator                   |                                          |                                                         | X                                                         |                                                                |                                                                                           |                                                    |                                          | X                                                    |                   |                           | X                           |                          |                            |                    |
| Richard Calabrese       | Chief of Police                          |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |

Section B | Participation Matrix





| Name                  | Title / Position               | Attended Pre-Kick Off Meeting (06/20/23) | Attended Steering Committee Kick-Off Meeting (08/22/23) | Attended Planning Partnership Kick-Off Meeting (08/29/23) | Attended Steering Committee Risk Assessment Meeting (10/24/23) | Attended Planning Partnership Risk Assessment and Mitigation Strategy Workshop (10/30/23) | Attended Public Risk Assessment Meeting (11/09/23) | Attended Draft Review Meeting (02/15/24) | Attended Public Draft Plan Review Meeting (02/20/24) | Feedback provided | Steering Committee Member | Planning Partnership Member | Primary Point of Contact | Alternate Point of Contact | NFIP Administrator |
|-----------------------|--------------------------------|------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------|-------------------|---------------------------|-----------------------------|--------------------------|----------------------------|--------------------|
| Joseph Barbadoro      | Township Engineer              |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          | X                                                    |                   |                           | X                           |                          | X                          | X                  |
| Dean Jerginan         | OEM                            |                                          |                                                         | X                                                         |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Township of Delanco   |                                |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Bill Reutter          | OEM Deputy Coordinator         |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Robert Viereck        | OEM Coordinator                |                                          |                                                         | X                                                         |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          | X                          |                    |
| Matthew Bartlett      | OEM Deputy Coordinator         |                                          |                                                         | X                                                         |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Beverly Russell       | Municipal Clerk                |                                          |                                                         |                                                           |                                                                | X                                                                                         |                                                    |                                          | X                                                    |                   |                           | X                           | X                        |                            |                    |
| Ed Ruggiano           | Code Enforcement               |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Richard Schwab        | Township Administrator         |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| John Fenimore         | Superintendent of Public Works |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Scott Taylor          | Township Planner               |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Christopher Noll      | Township Engineer              |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Michael Lunemann      | Construction Official          |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            | X                  |
| Michael Templeton     | Township Committee             |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Township of Delran    |                                |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Joseph Cunningham Jr. | OEM Coordinator                |                                          |                                                         |                                                           |                                                                | X                                                                                         |                                                    |                                          |                                                      |                   |                           | X                           | X                        |                            |                    |
| William Lunemann      | Construction Official          |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Bryan Mullen          | DPW Superintendent             |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |



| Name                       | Title / Position                 | Attended Pre-Kick Off Meeting (06/20/23) | Attended Steering Committee Kick-Off Meeting (08/22/23) | Attended Planning Partnership Kick-Off Meeting (08/29/23) | Attended Steering Committee Risk Assessment Meeting (10/24/23) | Attended Planning Partnership Risk Assessment and Mitigation Strategy Workshop (10/30/23) | Attended Public Risk Assessment Meeting (11/09/23) | Attended Draft Review Meeting (02/15/24) | Attended Public Draft Plan Review Meeting (02/20/24) | Feedback provided | Steering Committee Member | Planning Partnership Member | Primary Point of Contact | Alternate Point of Contact | NFIP Administrator |
|----------------------------|----------------------------------|------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------|-------------------|---------------------------|-----------------------------|--------------------------|----------------------------|--------------------|
| Joseph Bellina             | Township Administrator           |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          | X                          |                    |
| Chris Dochney              | Township Engineer                |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            | X                  |
| Township of Eastampton     |                                  |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Bob Carr                   | OEM Coordinator                  |                                          | X                                                       | X                                                         | X                                                              | X                                                                                         |                                                    |                                          |                                                      |                   | X                         | X                           | X                        |                            |                    |
| Kim-Marie White            | Township Manager                 |                                          | X                                                       |                                                           | X                                                              |                                                                                           |                                                    |                                          |                                                      |                   | X                         | X                           |                          | X                          |                    |
| Stacey Arcari              | Township Engineer                |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            | X                  |
| Joseph Iacovitti           | Chief of Police                  |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Darrin Elbertson           | Code Enforcement                 |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Brad Regn                  | Construction Official            |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Bill Angelaccio            | Public Works Foreman             |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Fredrick P. Rodi           | Public Works Director            |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Mark A. Remsa              | Township Planner                 |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Kathy Newcomb              | Zoning Official                  |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Eugene Oberfrank           | OEM Deputy Coordinator           |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Township of Edgewater Park |                                  |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Joseph T. Pullion          | Township Administrator           |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           | X                        |                            |                    |
| Alyssa Meredith            | Emergency Management Coordinator |                                          |                                                         | X                                                         |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          | X                          |                    |
| Brett Evans                | Police Chief                     |                                          |                                                         |                                                           |                                                                | X                                                                                         |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Patricia Clayton           | Township Clerk                   |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |



| Name                 | Title / Position                                                | Attended Pre-Kick Off Meeting (06/20/23) | Attended Steering Committee Kick-Off Meeting (08/22/23) | Attended Planning Partnership Kick-Off Meeting (08/29/23) | Attended Steering Committee Risk Assessment Meeting (10/24/23) | Attended Planning Partnership Risk Assessment and Mitigation Strategy Workshop (10/30/23) | Attended Public Risk Assessment Meeting (11/09/23) | Attended Draft Review Meeting (02/15/24) | Attended Public Draft Plan Review Meeting (02/20/24) | Feedback provided | Steering Committee Member | Planning Partnership Member | Primary Point of Contact | Alternate Point of Contact | NFIP Administrator |
|----------------------|-----------------------------------------------------------------|------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------|-------------------|---------------------------|-----------------------------|--------------------------|----------------------------|--------------------|
| Harry Moscatiello    | Construction Official                                           |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            | X                  |
| Jim Bernard          | Public Works Superintendent                                     |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Edward Fox           | Township Planner - Environmental Resolutions Inc.               |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Rakesh Darji         | Township Engineer                                               |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Michelle Atzert      | Sewerage Authority Administrator                                |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Township of Evesham  |                                                                 |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Carl Bittenbender    | OEM Coordinator                                                 |                                          |                                                         | X                                                         |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           | X                        |                            |                    |
| Scott Freedman       | Deputy Fire Chief, Fire Marshal                                 |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          | X                          |                    |
| Kevin Rijs           | Director of Community Development                               |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| David Pfeiffer       | Assistant Superintendent Municipal Public Property and Services |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Jaclyn Veasy         | Mayor                                                           |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Anthony Saccomanno   | Construction Official                                           |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Mary Lou Bergh       | Township Clerk                                                  |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Walt Miller          | Chief of Police                                                 |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Jessica Hauber       | Township Engineer                                               |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            | X                  |
| Township of Florence |                                                                 |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |





| Name                   | Title / Position                      | Attended Pre-Kick Off Meeting (06/20/23) | Attended Steering Committee Kick-Off Meeting (08/22/23) | Attended Planning Partnership Kick-Off Meeting (08/29/23) | Attended Steering Committee Risk Assessment Meeting (10/24/23) | Attended Planning Partnership Risk Assessment and Mitigation Strategy Workshop (10/30/23) | Attended Public Risk Assessment Meeting (11/09/23) | Attended Draft Review Meeting (02/15/24) | Attended Public Draft Plan Review Meeting (02/20/24) | Feedback provided | Steering Committee Member | Planning Partnership Member | Primary Point of Contact | Alternate Point of Contact | NFIP Administrator |
|------------------------|---------------------------------------|------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------|-------------------|---------------------------|-----------------------------|--------------------------|----------------------------|--------------------|
| Philip Drangula        | OEM Coordinator                       |                                          |                                                         | X                                                         |                                                                | X                                                                                         |                                                    |                                          |                                                      |                   |                           | X                           | X                        |                            |                    |
| Albert Jacoby          | Deputy Coordinator                    |                                          |                                                         |                                                           |                                                                | X                                                                                         |                                                    |                                          |                                                      |                   |                           | X                           |                          | X                          |                    |
| William White          | Engineering                           |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            | X                  |
| Michelle Taylor        | Planner                               |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| David Wright           | Public Works Assistant Superintendent |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Michael Muchowski      | Administrator                         |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| James Hoey             | Construction Official                 |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Nancy L. Eriston       | Township Clerk                        |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Township of Hainesport |                                       |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| William Challenger     | Emergency Management Coordinator      |                                          |                                                         | X                                                         |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           | X                        |                            |                    |
| George Myers           | Deputy OEM Coordinator                |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          | X                          |                    |
| Janice Ludden          | Chair Environmental Commission        |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Paula Kosko            | Municipal Clerk                       |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Irene Barry            | Code Enforcement Officer              |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Gerard Clauss          | Mayor                                 |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Joe Crain              | DPW Foreman                           |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Scott Taylor           | Planner                               |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |



| Name                  | Title / Position                | Attended Pre-Kick Off Meeting (06/20/23) | Attended Steering Committee Kick-Off Meeting (08/22/23) | Attended Planning Partnership Kick-Off Meeting (08/29/23) | Attended Steering Committee Risk Assessment Meeting (10/24/23) | Attended Planning Partnership Risk Assessment and Mitigation Strategy Workshop (10/30/23) | Attended Public Risk Assessment Meeting (11/09/23) | Attended Draft Review Meeting (02/15/24) | Attended Public Draft Plan Review Meeting (02/20/24) | Feedback provided | Steering Committee Member | Planning Partnership Member | Primary Point of Contact | Alternate Point of Contact | NFIP Administrator |
|-----------------------|---------------------------------|------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------|-------------------|---------------------------|-----------------------------|--------------------------|----------------------------|--------------------|
| Martin Miller         | Engineer                        |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Ray Holshue           | Construction Official           |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            | X                  |
| Paula Tiver           | Joint Land Use Board Secretary  |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Kathy Newcomb         | Zoning Officer                  |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Township of Lumberton |                                 |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Colleen Ekey          | Former OEM Coordinator          |                                          |                                                         | X                                                         |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Ryan Engle            | OEM Coordinator                 |                                          |                                                         |                                                           |                                                                | X                                                                                         |                                                    |                                          | X                                                    |                   |                           | X                           | X                        |                            |                    |
| Aaron Morrison        | OEM Deputy Coordinator          |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          | X                          |                    |
| Mike Lunemann         | Construction Official           |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | 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                           |                          |                            |                    |
| Leah Furey            | Township Planner                |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Rakesh Darji          | Township Engineer               |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Bradley Regn          | Construction Official           |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Township of Mansfield |                                 |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Douglas Borgstrom     | OEM Coordinator                 |                                          | X                                                       |                                                           | X                                                              |                                                                                           |                                                    |                                          |                                                      |                   | X                         | X                           | X                        |                            |                    |



| Name                    | Title / Position              | Attended Pre-Kick Off Meeting (06/20/23) | Attended Steering Committee Kick-Off Meeting (08/22/23) | Attended Planning Partnership Kick-Off Meeting (08/29/23) | Attended Steering Committee Risk Assessment Meeting (10/24/23) | Attended Planning Partnership Risk Assessment and Mitigation Strategy Workshop (10/30/23) | Attended Public Risk Assessment Meeting (11/09/23) | Attended Draft Review Meeting (02/15/24) | Attended Public Draft Plan Review Meeting (02/20/24) | Feedback provided | Steering Committee Member | Planning Partnership Member | Primary Point of Contact | Alternate Point of Contact | NFIP Administrator |
|-------------------------|-------------------------------|------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------|-------------------|---------------------------|-----------------------------|--------------------------|----------------------------|--------------------|
| Matthew Konowicz        | Township Fire Department      |                                          | X                                                       |                                                           | X                                                              |                                                                                           |                                                    | X                                        |                                                      |                   | X                         | X                           |                          |                            |                    |
| George Senf             | Assistant OEM Coordinator     |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          | X                                                    |                   |                           | 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                           |                          |                            |                    |
| Township of Maple Shade |                               |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Susan Danson            | Township Manager              |                                          | X                                                       |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   | X                         | X                           | X                        |                            |                    |
| Brian Davis             | OEM Coordinator / Police Sgt. |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   | X                         | X                           |                          | X                          |                    |
| Ed Toussaint            | Construction Official         |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   | X                         | X                           |                          |                            | X                  |
| Township of Medford     |                               |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Robert Dovi             | OEM Coordinator               |                                          |                                                         |                                                           |                                                                | X                                                                                         |                                                    |                                          | X                                                    |                   |                           | X                           | X                        |                            |                    |
| Clifford Rickards       | OEM Deputy Coordinator        |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          | X                          |                    |
| William Dunleavy        | OEM Deputy Coordinator        |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |





| Name                     | Title / Position                                              | Attended Pre-Kick Off Meeting (06/20/23) | Attended Steering Committee Kick-Off Meeting (08/22/23) | Attended Planning Partnership Kick-Off Meeting (08/29/23) | Attended Steering Committee Risk Assessment Meeting (10/24/23) | Attended Planning Partnership Risk Assessment and Mitigation Strategy Workshop (10/30/23) | Attended Public Risk Assessment Meeting (11/09/23) | Attended Draft Review Meeting (02/15/24) | Attended Public Draft Plan Review Meeting (02/20/24) | Feedback provided | Steering Committee Member | Planning Partnership Member | Primary Point of Contact | Alternate Point of Contact | NFIP Administrator |
|--------------------------|---------------------------------------------------------------|------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------|-------------------|---------------------------|-----------------------------|--------------------------|----------------------------|--------------------|
| Jeffrey Wagner           | OEM Deputy Coordinator                                        |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Beth Portocalis          | Executive Assistant to the Manager and Open Space Coordinator |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          | X                                                    |                   |                           | 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                                                                                         |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| George Jackson           | OEM Deputy Coordinator                                        |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Arthur Waterman          | Police Chief                                                  |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Thomas Czerniecki        | Township Manager                                              |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Dawn Bielec              | Municipal Clerk                                               |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Borough of Medford Lakes |                                                               |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Dr. Robert J. Burton     | Borough Manager                                               |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           | X                        |                            |                    |
| Mark J. McIntosh         | OEM Deputy Coordinator                                        |                                          |                                                         | X                                                         |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          | X                          |                    |
| Tom Boyd                 | Construction Official                                         |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            | X                  |

Section B | Participation Matrix



| Name                       | Title / Position                       | Attended Pre-Kick Off Meeting (06/20/23) | Attended Steering Committee Kick-Off Meeting (08/22/23) | Attended Planning Partnership Kick-Off Meeting (08/29/23) | Attended Steering Committee Risk Assessment Meeting (10/24/23) | Attended Planning Partnership Risk Assessment and Mitigation Strategy Workshop (10/30/23) | Attended Public Risk Assessment Meeting (11/09/23) | Attended Draft Review Meeting (02/15/24) | Attended Public Draft Plan Review Meeting (02/20/24) | Feedback provided | Steering Committee Member | Planning Partnership Member | Primary Point of Contact | Alternate Point of Contact | NFIP Administrator |
|----------------------------|----------------------------------------|------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------|-------------------|---------------------------|-----------------------------|--------------------------|----------------------------|--------------------|
| Franis J. Babinchock       | OEM Coordinator                        |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          | X                                                    |                   |                           | X                           |                          |                            |                    |
| Dr. Gary A. Miller         | Mayor                                  |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Jeremy Noll, PE            | Engineer                               |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Joseph Augustyn, PP        | Planner                                |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| David Crane                | Code Enforcement Official              |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Mark Witzack, CPWM         | Public Works Manager                   |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Dayna Welsh                | Assistant Clerk                        |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Township of Moorestown     |                                        |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| James Carruthers           | OEM Coordinator                        |                                          | X                                                       | X                                                         | X                                                              |                                                                                           |                                                    | X                                        |                                                      |                   | X                         | X                           | X                        |                            |                    |
| Kevin Abernant             | Township Manager                       |                                          |                                                         | X                                                         |                                                                | X                                                                                         |                                                    |                                          |                                                      |                   |                           | X                           |                          | X                          |                    |
| Joseph LaRocca             | Construction Official                  |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            | X                  |
| Hugh J. Dougherty, PE, CME | Township Engineer                      |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Donald Lloyd               | Director of Public Works               |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Nicole Gillespie           | Mayor                                  |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Patricia Hunt              | Township Clerk                         |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Jordan Webster             | Deputy Director of Public Works        |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Joan Ponessa               | Environmental Advisory Committee Chair |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          | X                                                    |                   |                           |                             |                          |                            |                    |

Section B | Participation Matrix



| Name                     | Title / Position                                           | Attended Pre-Kick Off Meeting (06/20/23) | Attended Steering Committee Kick-Off Meeting (08/22/23) | Attended Planning Partnership Kick-Off Meeting (08/29/23) | Attended Steering Committee Risk Assessment Meeting (10/24/23) | Attended Planning Partnership Risk Assessment and Mitigation Strategy Workshop (10/30/23) | Attended Public Risk Assessment Meeting (11/09/23) | Attended Draft Review Meeting (02/15/24) | Attended Public Draft Plan Review Meeting (02/20/24) | Feedback provided | Steering Committee Member | Planning Partnership Member | Primary Point of Contact | Alternate Point of Contact | NFIP Administrator |
|--------------------------|------------------------------------------------------------|------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------|-------------------|---------------------------|-----------------------------|--------------------------|----------------------------|--------------------|
| Township of Mount Laurel |                                                            |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Christopher Burnett      | OEM Deputy Coordinator                                     |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Stephen Riedener         | OEM Deputy Coordinator                                     |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Jay Appleton             | OEM Coordinator                                            |                                          |                                                         | X                                                         |                                                                | X                                                                                         |                                                    |                                          |                                                      |                   |                           | X                           | X                        |                            |                    |
| Douglass Dickel          | Deputy Coordinator                                         |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          | X                          |                    |
| William Long             | Township Engineer, Consultant                              |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            | X                  |
| Chris Dochney            | Township Planner, 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                           |                          |                            |                    |
| Township of New Hanover  |                                                            |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |





| Name                      | Title / Position                                 | Attended Pre-Kick Off Meeting (06/20/23) | Attended Steering Committee Kick-Off Meeting (08/22/23) | Attended Planning Partnership Kick-Off Meeting (08/29/23) | Attended Steering Committee Risk Assessment Meeting (10/24/23) | Attended Planning Partnership Risk Assessment and Mitigation Strategy Workshop (10/30/23) | Attended Public Risk Assessment Meeting (11/09/23) | Attended Draft Review Meeting (02/15/24) | Attended Public Draft Plan Review Meeting (02/20/24) | Feedback provided | Steering Committee Member | Planning Partnership Member | Primary Point of Contact | Alternate Point of Contact | NFIP Administrator |
|---------------------------|--------------------------------------------------|------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------|-------------------|---------------------------|-----------------------------|--------------------------|----------------------------|--------------------|
| Kyle Tuliano              | Police Chief /OEM Coordinator                    |                                          |                                                         |                                                           |                                                                | X                                                                                         |                                                    |                                          |                                                      |                   |                           | X                           | X                        |                            |                    |
| Joseph Hirsh              | Township Engineer                                |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          | X                          | X                  |
| Paul Peterla              | Mayor                                            |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Susan Jackson             | Township Clerk                                   |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Patrick Murphy            | OEM Coordinator                                  |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Dena Kaiser               | Technical Assistant to the Construction Official |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Township of North Hanover |                                                  |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Richard Mellor            | EMC/Police                                       |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           | X                        |                            |                    |
| Brendan O'Donnell         | Deputy Mayor                                     |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Mary Picariello           | Township Clerk                                   |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Jef Jones                 | Construction Official                            |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| David Forsyth Jr.         | Mayor                                            |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Ed Fox                    | Township Planner                                 |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Joseph Hirsh              | Township Engineer                                |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Benjamin Palombi          | Deputy EMC                                       |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          | X                          |                    |
| Alexandra DeGood          | Zoning Officer                                   |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            | X                  |
| Borough of Palmyra        |                                                  |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Ronald Lindemuth          | OEM Coordinator                                  |                                          |                                                         | X                                                         |                                                                | X                                                                                         |                                                    |                                          | X                                                    |                   |                           | X                           | X                        |                            |                    |
| Tracy Kilmer              | OEM Deputy Coordinator,                          |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          | X                          | X                  |



| Name                        | Title / Position         | Attended Pre-Kick Off Meeting (06/20/23) | Attended Steering Committee Kick-Off Meeting (08/22/23) | Attended Planning Partnership Kick-Off Meeting (08/29/23) | Attended Steering Committee Risk Assessment Meeting (10/24/23) | Attended Planning Partnership Risk Assessment and Mitigation Strategy Workshop (10/30/23) | Attended Public Risk Assessment Meeting (11/09/23) | Attended Draft Review Meeting (02/15/24) | Attended Public Draft Plan Review Meeting (02/20/24) | Feedback provided | Steering Committee Member | Planning Partnership Member | Primary Point of Contact | Alternate Point of Contact | NFIP Administrator |
|-----------------------------|--------------------------|------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------|-------------------|---------------------------|-----------------------------|--------------------------|----------------------------|--------------------|
|                             | Construction Official    |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| John Skowronski             | OEM Deputy Coordinator   |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Richard Dreby               | OEM Deputy Coordinator   |                                          |                                                         | X                                                         |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| William Kirchner            | Municipal Engineer       |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Dave Gerken                 | Municipal Planner        |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Al Berg                     | Public Works Foreman     |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          | X                                                    |                   |                           | 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                           |                          |                            |                    |
| <b>Borough of Pemberton</b> |                          |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Chad Bozosi                 | 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              | Coordinator/Public Works |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |



| Name                  | Title / Position                 | Attended Pre-Kick Off Meeting (06/20/23) | Attended Steering Committee Kick-Off Meeting (08/22/23) | Attended Planning Partnership Kick-Off Meeting (08/29/23) | Attended Steering Committee Risk Assessment Meeting (10/24/23) | Attended Planning Partnership Risk Assessment and Mitigation Strategy Workshop (10/30/23) | Attended Public Risk Assessment Meeting (11/09/23) | Attended Draft Review Meeting (02/15/24) | Attended Public Draft Plan Review Meeting (02/20/24) | Feedback provided | Steering Committee Member | Planning Partnership Member | Primary Point of Contact | Alternate Point of Contact | NFIP Administrator |
|-----------------------|----------------------------------|------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------|-------------------|---------------------------|-----------------------------|--------------------------|----------------------------|--------------------|
| Jim Mullan            | Engineer/Planner                 |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Hugh Dougherty        | Engineer                         |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Harry Case            | Construction Official            |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            | X                  |
| Township of Pemberton |                                  |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Craig L. Augustoni    | OEM Coordinator                  |                                          |                                                         | X                                                         |                                                                | X                                                                                         |                                                    |                                          |                                                      |                   |                           | 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              | Community Development Department |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Mark Herrmann         | Township Engineer                |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Mark Remsa            | Township Planner                 |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Township of Riverside |                                  |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Meghan Jack           | Township Administrator           |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          | X                                                    |                   |                           | X                           | X                        |                            | X                  |
| Susan Dydek           | Township Clerk                   |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          | X                          |                    |
| Hugh Dougherty        | Township Engineer                |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Kenneth Shine         | Assistant Engineer               |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          | X                                                    |                   |                           |                             |                          |                            |                    |





| Name                 | Title / Position                                                                         | Attended Pre-Kick Off Meeting (06/20/23) | Attended Steering Committee Kick-Off Meeting (08/22/23) | Attended Planning Partnership Kick-Off Meeting (08/29/23) | Attended Steering Committee Risk Assessment Meeting (10/24/23) | Attended Planning Partnership Risk Assessment and Mitigation Strategy Workshop (10/30/23) | Attended Public Risk Assessment Meeting (11/09/23) | Attended Draft Review Meeting (02/15/24) | Attended Public Draft Plan Review Meeting (02/20/24) | Feedback provided | Steering Committee Member | Planning Partnership Member | Primary Point of Contact | Alternate Point of Contact | NFIP Administrator |
|----------------------|------------------------------------------------------------------------------------------|------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------|-------------------|---------------------------|-----------------------------|--------------------------|----------------------------|--------------------|
| Andrew Holt          | Public Works Coordinator                                                                 |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| George Conard Jr.    | Emergency Management Coordinator                                                         |                                          |                                                         | X                                                         |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Kevin Johnson        | Code Enforcement                                                                         |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Hugh McCurley        | Construction Code Official/Building Subcode Official, Building Inspector, Zoning Officer |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Ed Fox               | Township Planner                                                                         |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Rakesh Darji         | Assistant Planner                                                                        |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Borough of Riverton  |                                                                                          |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Andrew Beuschel      | OEM Coordinator, Police Chief                                                            |                                          |                                                         | X                                                         |                                                                | X                                                                                         |                                                    |                                          |                                                      |                   |                           | X                           | X                        |                            |                    |
| Keith Adams          | Certified Public Works Manager                                                           |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          | X                          |                    |
| Bill Long            | Borough Engineer                                                                         |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Michelle Taylor      | Borough Planner                                                                          |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Suzanne Cairns Wells | Mayor                                                                                    |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Roger Fort           | Construction Official                                                                    |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            | X                  |
| Michelle Hack        | Municipal Clerk                                                                          |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Vincent Coniglione   | Code Enforcement/Police Department                                                       |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Township of Shamong  |                                                                                          |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |



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| John Lyons              | OEM Coordinator          |                                          |                                                         | X                                                         |                                                                | X                                                                                         |                                                    |                                          | X                                                    |                   |                           | 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                  |
| Anthony R. Lopez        | Assistant Engineer       |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Township of Southampton |                          |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Eamonn Fitzpatrick-Ruth | OEM Coordinator          |                                          |                                                         | X                                                         |                                                                | X                                                                                         |                                                    |                                          | X                                                    |                   |                           | X                           | X                        |                            |                    |
| Donna Fascenda          | Administrative Assistant |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          | X                          |                    |
| Michael Mikulski        | Mayor                    |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Cliff Spencer           | Code Enforcement         |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| 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                           |                          |                            |                    |



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|-------------------------|----------------------------------------|------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------|-------------------|---------------------------|-----------------------------|--------------------------|----------------------------|--------------------|
| Keith Harrison          | OEM Deputy Coordinator                 |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Scott Mitchell          | Fire Chief                             |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Tom Boyd                | Construction Official                  |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            | X                  |
| Township of Springfield |                                        |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Eric Trout              | OEM Coordinator                        |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   | X                         | X                           |                          |                            |                    |
| Brandy C. Boyington     | Interim Manager                        |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           | X                        |                            |                    |
| Kristen Lippencott      | Deputy Manager                         |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          | X                          |                    |
| Chris Noll              | Township Engineer                      |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Leah Furey Bruder       | Township Planner                       |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| David Frank             | Mayor                                  |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   | X                         | X                           |                          |                            |                    |
| James Mazzo             | Construction Official                  |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            | X                  |
| Andrew Eaton            | Deputy Mayor                           |                                          | X                                                       |                                                           | X                                                              |                                                                                           |                                                    | X                                        |                                                      |                   | X                         | X                           |                          |                            |                    |
| Township of Tabernacle  |                                        |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| John T. Harbourt        | OEM Coordinator                        |                                          |                                                         | X                                                         |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           | X                        |                            |                    |
| Phyllis Worrel          | Deputy OEM Coordinator                 |                                          |                                                         | X                                                         |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Thomas Leisse           | Engineer                               |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Kevin Worrell           | Director of Public Works               |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Tom Boyd                | Construction Official/Code Enforcement |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            | X                  |
| Maryalice Brown         | Clerk                                  |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          | X                          |                    |





| Name                    | Title / Position       | Attended Pre-Kick Off Meeting (06/20/23) | Attended Steering Committee Kick-Off Meeting (08/22/23) | Attended Planning Partnership Kick-Off Meeting (08/29/23) | Attended Steering Committee Risk Assessment Meeting (10/24/23) | Attended Planning Partnership Risk Assessment and Mitigation Strategy Workshop (10/30/23) | Attended Public Risk Assessment Meeting (11/09/23) | Attended Draft Review Meeting (02/15/24) | Attended Public Draft Plan Review Meeting (02/20/24) | Feedback provided | Steering Committee Member | Planning Partnership Member | Primary Point of Contact | Alternate Point of Contact | NFIP Administrator |
|-------------------------|------------------------|------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------|-------------------|---------------------------|-----------------------------|--------------------------|----------------------------|--------------------|
| Township of Washington  |                        |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| David Simpson           | OEM Coordinator        |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           | X                        |                            |                    |
| Craig Farnsworth        | OEM Deputy Coordinator |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Ebb Alexander           | OEM Deputy Coordinator |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          | X                          |                    |
| Kevin Dixon             | Engineer/Planner       |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            | X                  |
| Marie Reese             | Construction Official  |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Larry Priest            | Road Supervisor        |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Daniel L. James         | Mayor                  |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Robert Henchy, III      | Code Enforcement       |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Lisa H. Hand            | Township Clerk         |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Karen Bacon             | Deputy Township Clerk  |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Township of Willingboro |                        |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Wayne J Comegno         | OEM Deputy Coordinator |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| John T. Carroll Jr      | OEM Coordinator        |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Brian D. Wood Sr.       | OEM Deputy Coordinator |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| John T. Carroll III     | OEM Deputy Coordinator |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Rose A. Lunstead        | OEM Deputy Coordinator |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Jim Anderson            | OEM Deputy Coordinator |                                          |                                                         | X                                                         |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |



| Name                   | Title / Position       | Attended Pre-Kick Off Meeting (06/20/23) | Attended Steering Committee Kick-Off Meeting (08/22/23) | Attended Planning Partnership Kick-Off Meeting (08/29/23) | Attended Steering Committee Risk Assessment Meeting (10/24/23) | Attended Planning Partnership Risk Assessment and Mitigation Strategy Workshop (10/30/23) | Attended Public Risk Assessment Meeting (11/09/23) | Attended Draft Review Meeting (02/15/24) | Attended Public Draft Plan Review Meeting (02/20/24) | Feedback provided | Steering Committee Member | Planning Partnership Member | Primary Point of Contact | Alternate Point of Contact | NFIP Administrator |
|------------------------|------------------------|------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------|-------------------|---------------------------|-----------------------------|--------------------------|----------------------------|--------------------|
| Richard Wilson III     | DPW Asst. Supervisor   |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           | X                        |                            |                    |
| Richard Brevogel       | DPW Consultant         |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          | X                          |                    |
| Hugh J. Dougherty      | Township Engineer      |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            | X                  |
| Kenneth Shine          | Assistant Engineer     |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          | X                                                    |                   |                           | 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                           |                          |                            |                    |
| Township of Woodland   |                        |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Michael Huber          | OEM Coordinator        |                                          |                                                         |                                                           |                                                                | X                                                                                         |                                                    |                                          |                                                      |                   |                           | X                           | X                        |                            |                    |
| William DeGroff        | Mayor                  |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Tom Leisse             | Engineer               |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            | X                  |
| Maryalice Brown        | Clerk                  |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          | X                          |                    |
| Tom Boyd               | Construction Official  |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Fred Arnwine           | Supervisor of Roads    |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          |                            |                    |
| Borough of Wrightstown |                        |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Donald Cottrell        | OEM Coordinator        |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           | X                           |                          | X                          |                    |
| James Ingling          | OEM Deputy Coordinator |                                          |                                                         | X                                                         |                                                                | X                                                                                         |                                                    |                                          | X                                                    |                   |                           | X                           | X                        |                            |                    |



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| Freda H. 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                           |                          |                            |                    |
| Stakeholders     |                                                                                                                                                   |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Gary Gehringer   | Environmental Program Lead - American Water                                                                                                       |                                          | X                                                       |                                                           | X                                                              |                                                                                           |                                                    |                                          |                                                      |                   | X                         | X                           |                          |                            |                    |
| Dr. Trudy Atkins | Superintendent - Bordentown Regional School District                                                                                              |                                          | X                                                       |                                                           | X                                                              |                                                                                           |                                                    |                                          |                                                      |                   | X                         | X                           |                          |                            |                    |
| Dr. James Flynn  | Director of Planning/Research and Evaluation, Operations, and State & Federal Programs, School Safety Specialist - Burlington City Public Schools |                                          | X                                                       |                                                           |                                                                |                                                                                           |                                                    | X                                        |                                                      |                   | X                         | X                           |                          |                            |                    |
| Mike Ott         | Project Manager / Engineer -                                                                                                                      |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   | X                         | X                           |                          |                            |                    |





| Name             | Title / Position                                                                                                                                                  | Attended Pre-Kick Off Meeting (06/20/23) | Attended Steering Committee Kick-Off Meeting (08/22/23) | Attended Planning Partnership Kick-Off Meeting (08/29/23) | Attended Steering Committee Risk Assessment Meeting (10/24/23) | Attended Planning Partnership Risk Assessment and Mitigation Strategy Workshop (10/30/23) | Attended Public Risk Assessment Meeting (11/09/23) | Attended Draft Review Meeting (02/15/24) | Attended Public Draft Plan Review Meeting (02/20/24) | Feedback provided | Steering Committee Member | Planning Partnership Member | Primary Point of Contact | Alternate Point of Contact | NFIP Administrator |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------|-------------------|---------------------------|-----------------------------|--------------------------|----------------------------|--------------------|
|                  | Burlington County Bridge Commission                                                                                                                               |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   |                           |                             |                          |                            |                    |
| Lauren Riedinger | Vice Principal - Burlington Township School District                                                                                                              |                                          | X                                                       |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   | X                         | X                           |                          |                            |                    |
| David Moffa      | Principal - Holy Cross Preparatory Academy                                                                                                                        |                                          | X                                                       |                                                           | X                                                              |                                                                                           |                                                    |                                          |                                                      |                   | X                         | X                           |                          |                            |                    |
| Matthew Konowicz | Director of Instruction for Agriscience, Applied Technology, Business & Technology, Visual & Performing Arts - Northern Burlington County Regular School District |                                          | X                                                       |                                                           | X                                                              |                                                                                           |                                                    | X                                        |                                                      |                   | X                         | X                           |                          |                            |                    |
| Andrew Eaton     | Director of Public Safety - Rowan College Burlington County Public Safety                                                                                         |                                          | X                                                       |                                                           | X                                                              |                                                                                           |                                                    | X                                        |                                                      |                   | X                         | X                           |                          |                            |                    |
| Joe Venuto       | Principal, Westampton Campus - Burlington County Institute of Technology                                                                                          |                                          |                                                         |                                                           | X                                                              |                                                                                           |                                                    |                                          |                                                      |                   | X                         | X                           |                          |                            |                    |

Section B | Participation Matrix



| Name                | Title / Position                        | Attended Pre-Kick Off Meeting (06/20/23) | Attended Steering Committee Kick-Off Meeting (08/22/23) | Attended Planning Partnership Kick-Off Meeting (08/29/23) | Attended Steering Committee Risk Assessment Meeting (10/24/23) | Attended Planning Partnership Risk Assessment and Mitigation Strategy Workshop (10/30/23) | Attended Public Risk Assessment Meeting (11/09/23) | Attended Draft Review Meeting (02/15/24) | Attended Public Draft Plan Review Meeting (02/20/24) | Feedback provided | Steering Committee Member | Planning Partnership Member | Primary Point of Contact | Alternate Point of Contact | NFIP Administrator |
|---------------------|-----------------------------------------|------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|------------------------------------------------------|-------------------|---------------------------|-----------------------------|--------------------------|----------------------------|--------------------|
| Kathy Lear          | Mitigation Unit – NJOEM                 |                                          | X                                                       |                                                           |                                                                |                                                                                           |                                                    | X                                        |                                                      |                   | X                         | X                           |                          |                            |                    |
| Dinan Amin          | State Hazard Mitigation Officer - NJOEM |                                          | X                                                       |                                                           |                                                                |                                                                                           |                                                    |                                          |                                                      |                   | X                         | X                           |                          |                            |                    |
| Cansu Yerdeleni     | Mitigation Unit – NJOEM                 |                                          | X                                                       | X                                                         | X                                                              |                                                                                           |                                                    | X                                        |                                                      |                   | X                         | X                           |                          |                            |                    |
| Christopher Warwick | ERB-South – NJSP                        |                                          | X                                                       | X                                                         |                                                                |                                                                                           |                                                    | X                                        | X                                                    |                   | X                         | X                           |                          |                            |                    |
| Brianna Kanabrocki  | Disaster Recovery - NJOEM               |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    | X                                        |                                                      |                   | X                         | X                           |                          |                            |                    |
| James Buckley       | Trooper - NJSP                          |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    | X                                        |                                                      |                   | X                         | X                           |                          |                            |                    |
| Jordan Siegel       | Trooper - NJSP                          |                                          |                                                         |                                                           |                                                                |                                                                                           |                                                    | X                                        |                                                      |                   | X                         | X                           |                          |                            |                    |
| Meghan Wren         | Community Planner – FEMA Region II      |                                          |                                                         |                                                           | X                                                              | X                                                                                         |                                                    |                                          |                                                      |                   | X                         | X                           |                          |                            |                    |



## SECTION C. MEETING DOCUMENTATION

Appendix C includes meeting agendas, sign-in sheets, and minutes (where applicable and available) for meetings convened during the development of the 2024 Burlington County Hazard Mitigation Plan Update.





**BURLINGTON COUNTY HAZARD MITIGATION PLAN - UPDATE**  
**Steering Committee Kick-Off Meeting**  
**August 22, 2023 at 10:00 AM**

**Dial In: +1 617-865-5234, Phone Conference ID: 936 786 912#**

**Meeting Link: <https://msteams.link/JHFU>**

**Meeting ID: 284 534 488 128**

**Passcode: KbMoBZ**



- 1 Introductions
- 2 Hazard Mitigation Overview
- 3 Project Organization
- 4 Planning Process Overview
- 5 Project Schedule
- 6 Questions/Next Steps/Discussion

# Burlington County, NJ – Hazard Mitigation Plan 2024 Update Steering Committee Kick-Off Meeting | Meeting Minutes



| <b>Purpose of Meeting:</b>  | Burlington County Steering Committee Kick-Off Meeting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| <b>Location of Meeting:</b> | Teleconference                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                 |
| <b>Date of Meeting:</b>     | August 22, 2023 @ 10:00AM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                 |
| <b>Attendees:</b>           | <ul style="list-style-type: none"> <li>• <b>Burlington County Division of Emergency Management</b> <ul style="list-style-type: none"> <li>○ Darryl Williams, OEM Coordinator</li> <li>○ Kristen Carr, OEM Deputy Coordinator</li> <li>○ Madison Hoff, Assistant Planner</li> <li>○ Bob Carr, Fire Marshal</li> </ul> </li> <li>• <b>Burlington County Administration</b> <ul style="list-style-type: none"> <li>○ Todd Wirth, Management Specialist</li> </ul> </li> <li>• <b>Burlington County Department of Health</b> <ul style="list-style-type: none"> <li>○ Herbert Conway, Director</li> <li>○ Monique Davis, Assistant Health Officer</li> </ul> </li> <li>• <b>Burlington County Department of Public Information</b> <ul style="list-style-type: none"> <li>○ Dave Levinsky, Public Information Officer</li> </ul> </li> <li>• <b>Burlington County Department of Public Works</b> <ul style="list-style-type: none"> <li>○ Joe Birkley, Director</li> </ul> </li> <li>• <b>Burlington County Department of Resource Conservation</b> <ul style="list-style-type: none"> <li>○ Mary Pat Robbie, Director</li> </ul> </li> <li>• <b>Burlington County Division of GIS</b> <ul style="list-style-type: none"> <li>○ David Rickert, GIS Specialist 2</li> <li>○ Merrilee Torres, GIS Specialist 1, GIS Supervisor</li> </ul> </li> <li>• <b>Burlington County Division of Solid Waste</b> <ul style="list-style-type: none"> <li>○ Jerome Sheehan, Director</li> </ul> </li> <li>• <b>Burlington County Department of Information Technology</b> <ul style="list-style-type: none"> <li>○ Kevin Savage, Director</li> <li>○ Jalen Singleton, Data Specialist</li> </ul> </li> <li>• <b>Eastampton (Twp)</b> <ul style="list-style-type: none"> <li>○ Bob Carr, OEM Coordinator</li> <li>○ Kim White, Municipal Clerk/Township Manager</li> </ul> </li> <li>• <b>Mansfield (Twp)</b> <ul style="list-style-type: none"> <li>○ Douglas Borgstrom, OEM Coordinator/Fire Official</li> <li>○ Matthew Konowicz, Township Fire Department</li> </ul> </li> <li>• <b>Maple Shade (Twp)</b> <ul style="list-style-type: none"> <li>○ Susan Danson, Township Manager</li> </ul> </li> <li>• <b>Moorestown (Twp)</b> <ul style="list-style-type: none"> <li>○ Jim Carruthers, OEM Coordinator</li> </ul> </li> <li>• <b>Springfield (Twp)</b> <ul style="list-style-type: none"> <li>○ Andrew Eaton, Deputy Mayor</li> </ul> </li> <li>• <b>American Water</b> <ul style="list-style-type: none"> <li>○ Gary Gehringer, Environmental Program Lead</li> </ul> </li> <li>• <b>Bordentown Regional School District</b> <ul style="list-style-type: none"> <li>○ Dr. Trudy Atkins, Superintendent</li> </ul> </li> <li>• <b>Burlington City Public Schools</b> <ul style="list-style-type: none"> <li>○ Dr. James Flynn, Director of Planning/Research and Evaluation, Operations, and State &amp; Federal Programs, School Safety Specialist</li> </ul> </li> <li>• <b>Burlington Township School District</b> <ul style="list-style-type: none"> <li>○ Lauren Riedinger, Vice Principal</li> </ul> </li> <li>• <b>Holy Cross Preparatory Academy</b> <ul style="list-style-type: none"> <li>○ David Moffa, Principal</li> </ul> </li> <li>• <b>NJOEM</b> <ul style="list-style-type: none"> <li>○ Kathy Lear, Mitigation Unit</li> <li>○ Dinan Amin, SHMO</li> <li>○ Cansu Yerdeleni, Mitigation Unit</li> <li>○ Christopher Warwick, NJSP NJOEM ERB-South</li> </ul> </li> <li>• <b>Northern Burlington County Regular School District</b> <ul style="list-style-type: none"> <li>○ Matthew Konowicz, Director of Instruction for Agriscience, Applied Technology, Business &amp; Technology, Visual &amp; Performing Arts</li> </ul> </li> <li>• <b>Rowan College Burlington County Public Safety</b> <ul style="list-style-type: none"> <li>○ Andrew Eaton, Director of Public Safety</li> </ul> </li> <li>• <b>Tetra Tech</b> <ul style="list-style-type: none"> <li>○ Chris Huch, PM</li> <li>○ Jessica Stokes, Lead Planner</li> </ul> </li> </ul> |                 |
| <b>Agenda Summary:</b>      | The purpose of the meeting was to 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, and to begin the information gathering processes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |
| Item No.                    | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Action item(s): |
| 1                           | <b>Introductions</b> <ul style="list-style-type: none"> <li>• Chris Huch introduced the Tetra Tech team.</li> <li>• Dinan Amin, State Hazard Mitigation Officer, explained the importance of the planning effort.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -               |

**Burlington County, NJ – Hazard Mitigation Plan 2024 Update  
Steering Committee Kick-Off Meeting | Meeting Minutes**



|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2 | <b>Hazard Mitigation Overview</b> <ul style="list-style-type: none"> <li>• Mitigation describes actions taken to help reduce or eliminate the long-term risks/damages cause by hazards</li> <li>• Having an HMP permits eligibility for FEMA pre- and post-disaster grant funding</li> <li>• Must meet FEMA’s new 2023 guidelines, which include an increase in participation, discussions on climate change, outreach to socially vulnerable populations, increased documentation needs, and to show how existing capabilities are integrated into the plan.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 3 | <b>Project Organization</b> <ul style="list-style-type: none"> <li>• Made up of the Core Planning Team, Steering Committee, Planning Partnership, Stakeholders, and NJOEM</li> <li>• Steering Committee members guide the Planning Partnership through the HMP update process, oversee the planning process from start to finish, and actively contribute, review and provide feedback, identify mitigation actions, etc.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 4 | <b>Planning Process Overview</b> <ul style="list-style-type: none"> <li>• The risk assessment provides a basis for policy and helps to identify what is most important to address to increase resiliency. <ul style="list-style-type: none"> <li>◦ We will be reviewing and updating the Hazards of Concern, updating assets, assessing impacts, and analyzing risks to assets.</li> </ul> </li> <li>• Critical Facilities provide essential services to the community, especially before, during, and after a disaster.</li> <li>• Community Lifelines provide services that allow continuity of operations of critical business and government functions, and crucial to health and safety of residents.</li> <li>• Public outreach will occur continually throughout the planning process through social media posts, surveys, County and municipal websites, and the StoryMap.</li> <li>• Assessing capabilities can lead to the identification of potential mitigation actions, which bolsters the mitigation strategy.</li> <li>• The BATool<sup>SM</sup> will be used to review the 2019 mitigation strategy.</li> <li>• Goals and objectives for the 2024 update will be completed by this Steering Committee via a survey.</li> </ul> | <b>Tetra Tech</b> <ul style="list-style-type: none"> <li>• Send Steering Committee goals and objectives survey.</li> </ul> <b>Steering Committee</b> <ul style="list-style-type: none"> <li>• Agrees to remove Landslide hazard; incorporate streambank erosion into Flood hazard.</li> <li>• Agrees to move Dam Failure from Flood into its own Hazard of Concern.</li> <li>• Agrees to the incorporation of SLR into Flood hazard.</li> <li>• Agrees to bring the Coastal Erosion hazard into the Flood hazard – discuss wetland loss in Eastern County; riverbank/stream erosion in the Western.</li> <li>• Agrees to include Disease Outbreak as a Hazard of Concern.</li> <li>• Core Planning Team will consider benefits of including Invasive Species as a hazard of concern.</li> </ul> |
| 5 | <b>Project Schedule</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |



**Burlington County, NJ – Hazard Mitigation Plan 2024 Update  
Steering Committee Kick-Off Meeting | Meeting Minutes**



|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|   | <ul style="list-style-type: none"> <li>• Kick-Off Meeting – TODAY!</li> <li>• Goals and Finalize Hazards – August 2023</li> <li>• Risk Assessment – August-September 2023</li> <li>• Identify Actions – September-November 2023</li> <li>• Finalize the Plan – December 2023</li> <li>• Draft Plan Completed – January 2024</li> <li>• Draft Plan Submitted to NJOEM – February 2024</li> <li>• Draft Plan Submitted to FEMA – March 2024</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| 6 | <p><b>Questions/Next Steps/Discussion</b></p> <ul style="list-style-type: none"> <li>• <i>Matthew Konowicz</i>: Invasive Species or HazMat as hazards of concern? <ul style="list-style-type: none"> <li>○ HazMat would not have many funding sources through the FEMA Mitigation sources; they'd have funding more so through other emergency management funding streams. Going to incorporate HazMat as cascading impact of natural hazards.</li> <li>○ Invasive species have been included in other recent plans but have not reached a point locally where disaster declarations have been declared. Keep in mind, each municipality will need to identify a mitigation action for this hazard if we include it.</li> </ul> </li> <li>• <i>Jim Carruthers</i>: How, on local level, do we understand what has been implemented in the past and what the programs were? <ul style="list-style-type: none"> <li>○ Going to take all information from last plan that is viable and pull into a set of worksheets for communities to review. In terms of actions, we can't identify too much in knowing what was done, the municipality would need to help us gather that information from the different departments. More information on this will be shared at next week's Planning Partnership meeting.</li> </ul> </li> <li>• <i>Monique Davis</i>: Referenced nobody thought much about tornadoes before, but now we need to with recent events. Will that be folded into the hazards of concern? <ul style="list-style-type: none"> <li>○ Yes, tornadoes will be included in the severe storm hazard of concern.</li> </ul> </li> <li>• <i>Herb Conaway</i>: What would you do with the invasive species, are we going to include those? <ul style="list-style-type: none"> <li>○ We can work with the County CPT to include this. It comes down to whether each municipality can identify a mitigation action. We could also discuss this as a secondary hazard within each profile, so the information is in there.</li> </ul> </li> </ul> |  |
| 7 | <p><b>Conclusion</b></p> <ul style="list-style-type: none"> <li>• The meeting adjourned at 11:01 am.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |



# Burlington County Multi-Jurisdictional Hazard Mitigation Plan 2024 Update

**Steering Committee Kick-Off Meeting**


August 22, 2023

While waiting for the meeting to start, please enter your name and department/agency in the chat.





# Today's Agenda

1. Welcome and Introductions
  2. Hazard Mitigation Planning Overview
  3. Project Organization
  4. Steering Committee Responsibilities
  5. Planning Process Overview
  6. Schedule
  7. Questions/Next Steps/Wrap Up
- 





# Hazard Mitigation Overview

Mitigation planning happens before a disaster strikes. It results in safer, more resilient communities – reducing risk for the residents, businesses, and critical services in Burlington County.

# Hazard Mitigation Planning Overview



- ✓ Authorized by the Disaster Mitigation Act of 2000
- ✓ Provides an overview of the impacts of natural hazards on communities
- ✓ Provides a roadmap to reducing the impact of these hazards
- ✓ Requires a FEMA-approved natural hazard mitigation plan to be eligible for Pre-Disaster Mitigation Funding
- ✓ 5-year updates required to maintain eligibility

- What is hazard mitigation?
- Why update the plan?
- What is the process?



# What is Hazard Mitigation?



Mitigation is a sustained action taken to reduce or eliminate long-term risk to life and property from a hazard event

-or-

Any action taken to reduce future disaster losses



**“provides the blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs and resources, and local ability...” (CFR).**



# Why Update?



- The mitigation plan update will:
  - Help prepare for and mitigate hazards
  - Eligibility for pre- and post-disaster mitigation funding
  - Incorporate new FEMA requirements
- What is at risk in Burlington County?
- Which hazard do you think occurred the most since 2019?

| January 2019 – April 2023                      |             |
|------------------------------------------------|-------------|
| Hazard                                         | Occurrences |
| Blizzard                                       | 0           |
| Extreme Cold, Cold/Wind Chill                  | 0           |
| Drought                                        | 0           |
| Heat, Excessive Heat                           | 3           |
| Flood/Flash Flood                              | 14          |
| Hail                                           | 12          |
| Heavy Rain                                     | 0           |
| Hurricane/ Tropical Storm/ Tropical Depression | 1           |
| Lightning/ Thunderstorm                        | 49          |
| Tornado/Funnel Cloud                           | 6           |
| Wind                                           | 5           |
| Winter Weather                                 | 22          |
| Wildfire                                       | 2           |
| <b>TOTAL</b>                                   | <b>115</b>  |

Source: NOAA NCEI Severe Weather Inventory 2023



# Differences from the 2019 Planning Process

- Involvement – engaged and actively participating
- Public and stakeholder outreach
- Socially vulnerable and underserved communities
- Climate change
- Mitigation actions for every hazard of concern





# Project Organization

Working with individuals, agencies, neighboring jurisdictions, businesses, and other partners for a successful mitigation planning process.



# Project Organization



## Core Planning Team

Burlington  
County Office of  
Emergency  
Management,  
Tetra Tech



## Steering Committee

## Planning Partnership



## Stakeholders

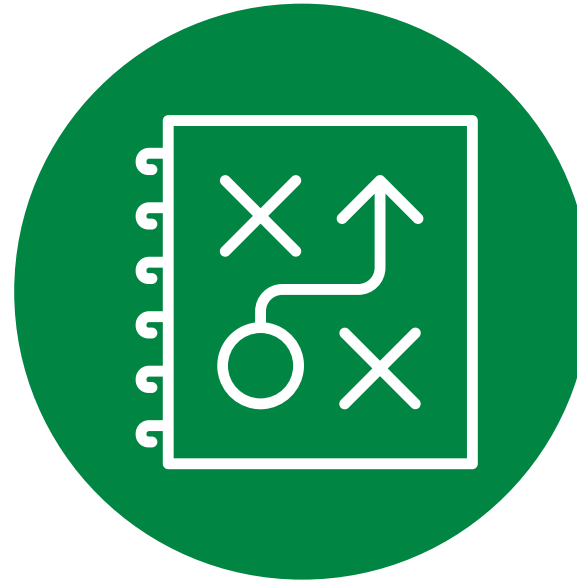


## New Jersey Office of Emergency Management (NJOEM)

# Steering Committee Role and Responsibilities



**Provide Guidance and Leadership**



**Oversee the Planning Process**



**Act as Points of Contact for Planning Partners and Stakeholders**



# Planning Process Overview

A well-defined planning process is essential to the success of Burlington County's HMP Update.

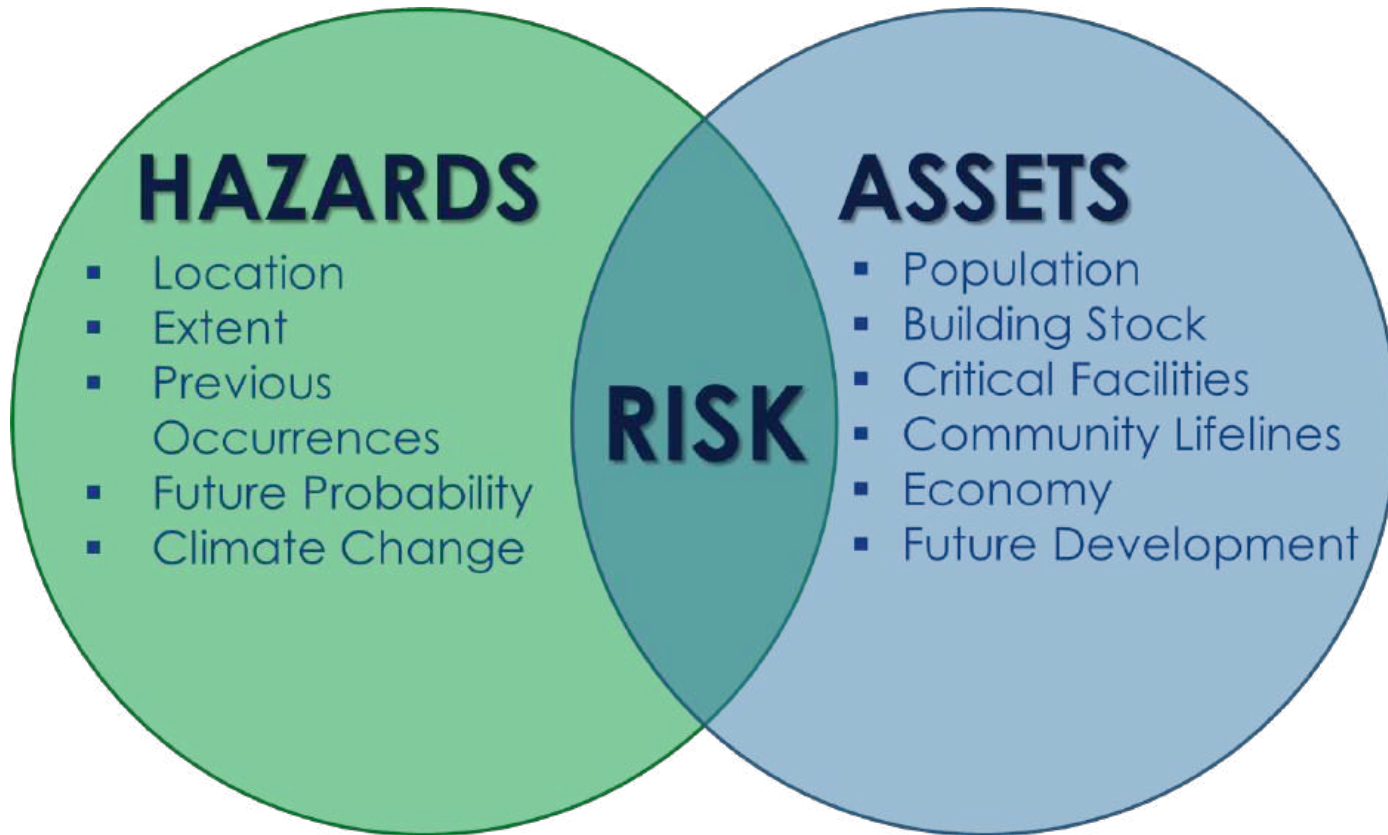




# Planning Process Overview



# Update Risk Assessment



- Update Assets
- Examine Previous Impacts
- Analyze Risks
- Review with Steering Committee
- Risk Assessment Meeting

# Hazards of Concern



**Coastal  
Erosion**



**Drought**



**Earthquake**



**Flood**



**Landslide**



**Severe Storm**



**Severe Winter  
Weather**



**Wildfire**







# Critical Facilities and Community Lifelines

- **Critical Facilities** provide essential services to the community, especially before, during, and after a disaster.
- **Community Lifelines** provide services that allow continuity of operations of critical business and government functions, and crucial to health and safety of residents.



# Critical Facilities and Community Lifelines



## Safety and Security

- Correctional
- Dam
- Daycare
- EOC
- Fire/EMS
- Government / Municipal Hall
- Historic Sites
- Library
- Military
- Police
- School



## Food, Water, Shelter

- Potable Pump Station
- Shelter
- Wastewater Pump
- Wastewater Treatment Plant
- Water Tower
- Potable Well



## Health and Medical

- Medical
- Senior Care Facilities



## Energy

- Electric Substation
- Power Lines

# Critical Facilities and Community Lifelines



## Communications

- Communication Towers



## Transportation

- Airport
- County Roads
- State Highways
- Light Rail
- Intermodal Transit



## Hazardous Materials

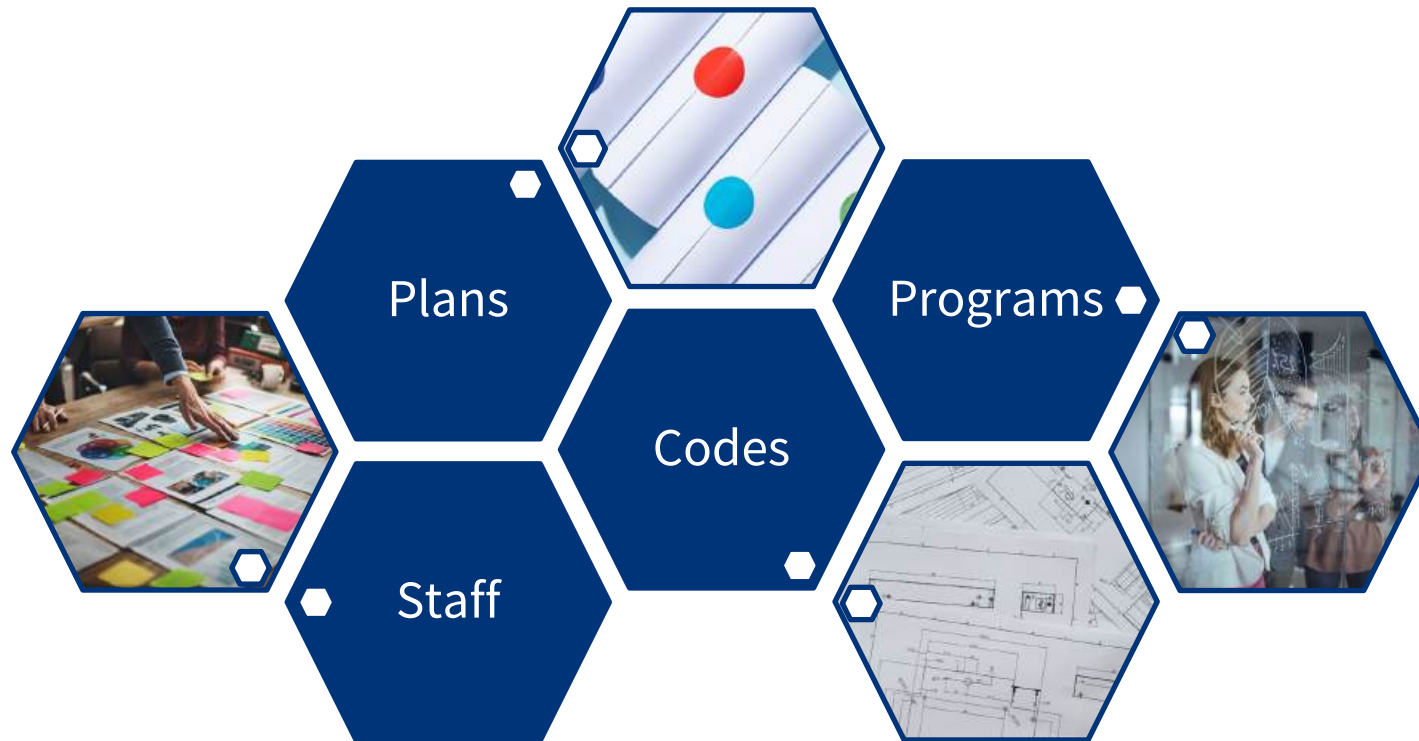
- Tier Facilities
- Chemical



# Capability Assessment



- Capabilities
  - What does your jurisdiction use to reduce risk to hazards?





# Mitigation Strategy

- Goals
  - What outcomes do you want to achieve?
- Actions
  - What specific actions will be taken to reduce hazard risk?
- Action Plan
  - How will the actions be prioritized and implemented?

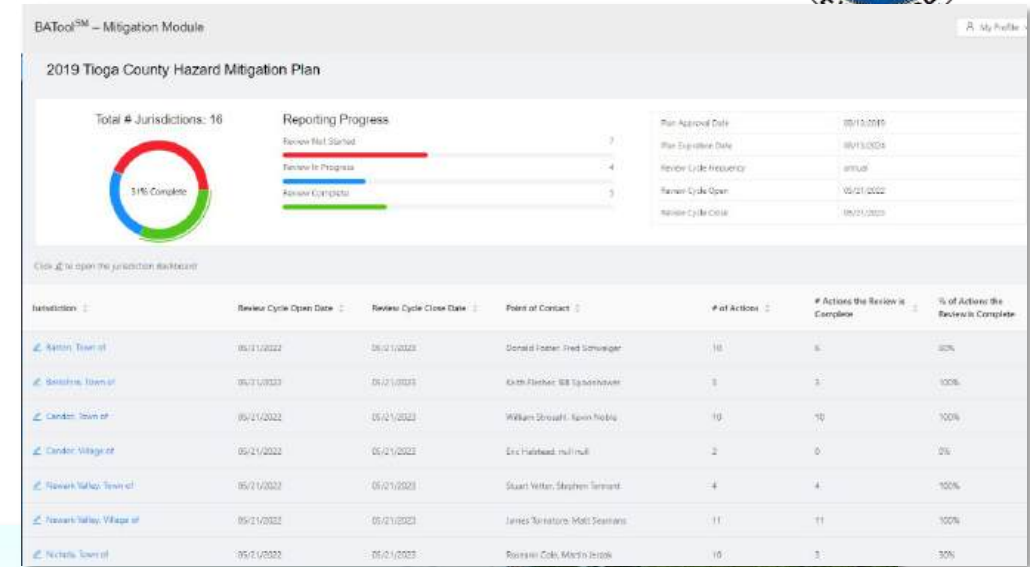


# Review Your Previous Mitigation Strategy

## BATool<sup>SM</sup> Program



- Update the 2019 mitigation actions through the BATool<sup>SM</sup> – less paperwork!
- Refresher training for planning partners
- Populate 2024 mitigation actions

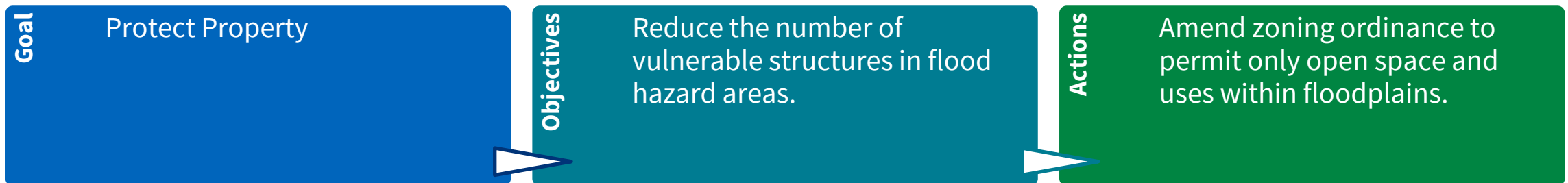




# Goals and Objectives – Review and Update



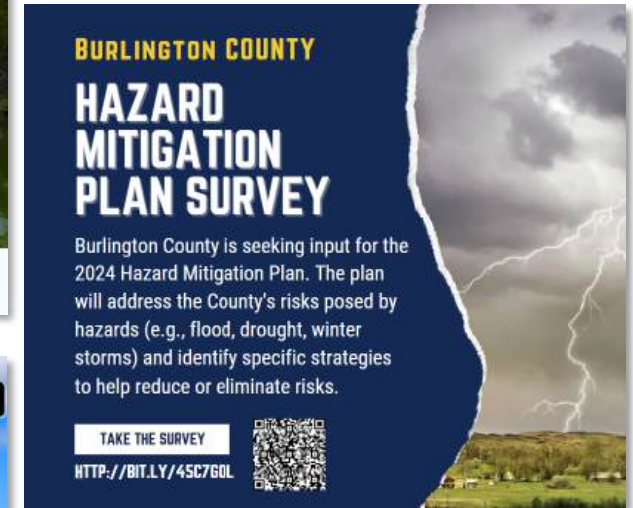
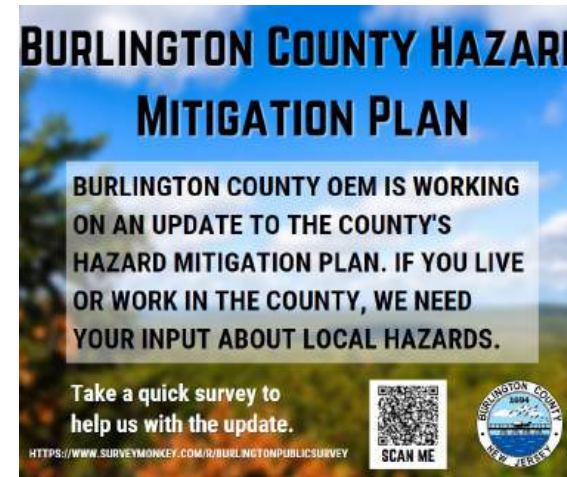
| Goal Number       | 2019 Goal                        | Modify, Add, or Remove? |
|-------------------|----------------------------------|-------------------------|
| G-1               | Protect Life                     |                         |
| G-2               | Protect Property                 |                         |
| G-3               | Promote a Sustainable Economy    |                         |
| G-4               | Protect the Environment          |                         |
| G-5               | Increase Public Awareness        |                         |
| G-6               | Support Continuity of Operations |                         |
| Additional Goals? |                                  |                         |



# Public Outreach Strategy



- Public Outreach Toolkit
  - Social media templates and posts
  - Press release templates
  - Printable materials
- Surveys
  - Stakeholders
  - Neighboring communities
  - Public
- County Website
- StoryMap



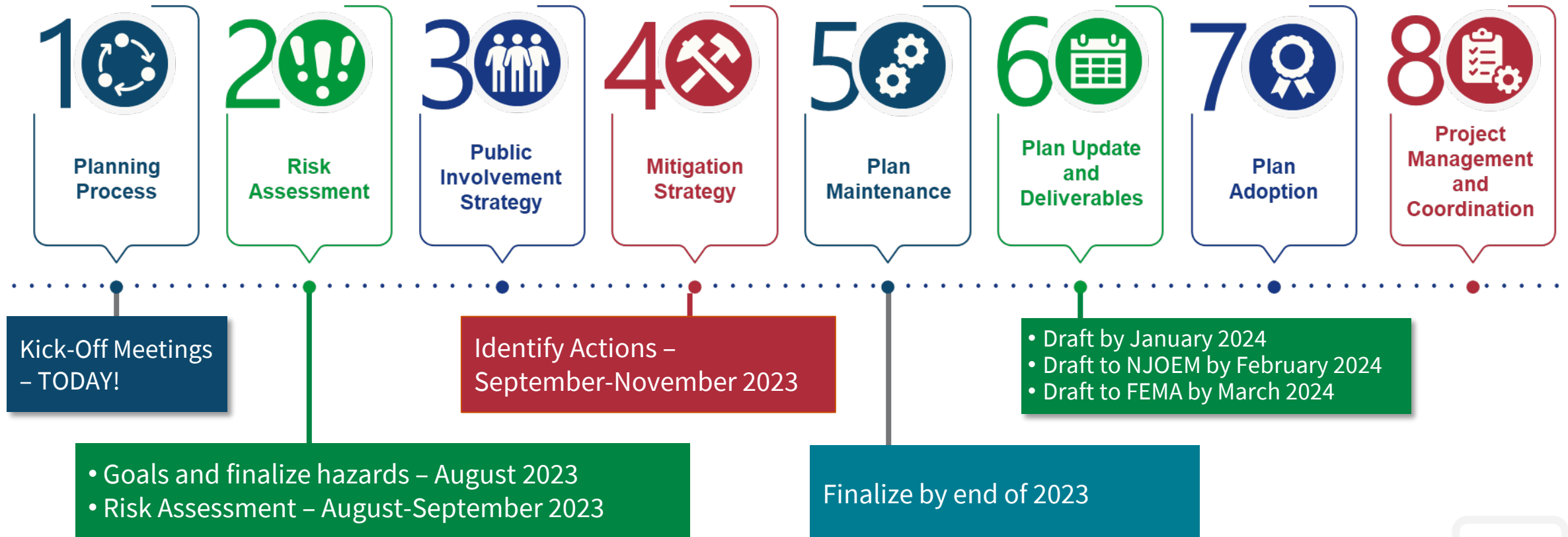


# Project Schedule

Upcoming meetings and key milestones throughout the HMP update process



# Schedule





# Questions?



## Burlington County Project Contact

Kristen Carr, Office of Emergency Management  
(609) 738-5139 | [KrCarr@co.burlington.nj.us](mailto:KrCarr@co.burlington.nj.us)

## Tetra Tech Project Manager

Chris Huch, CFM  
(973) 630-8357 | [chris.huch@tetrattech.com](mailto:chris.huch@tetrattech.com)

## Tetra Tech Lead Planner

Jessica Stokes, MSEM, NJCEM  
(973) 630-8017 | [jessica.stokes@tetrattech.com](mailto:jessica.stokes@tetrattech.com)



Thank  
You!





**BURLINGTON COUNTY HAZARD MITIGATION PLAN - UPDATE**  
**Planning Partnership Kick-Off Meeting**  
**August 29, 2023 at 10:00 AM**

**Dial In: +1 617-865-5234, Phone Conference ID: 876 235 641#**

**Meeting Link: <https://msteams.link/2QOU>**

**Meeting ID: 251 417 660 892**

**Passcode: kQotEq**



- 1 Introductions
- 2 Hazard Mitigation Overview
- 3 Project Organization
- 4 Planning Process Overview
- 5 Homework
- 6 Project Schedule
- 7 Questions/Next Steps/Discussion

# Burlington County, NJ – Hazard Mitigation Plan 2024 Update Planning Partnership Kick-Off Meeting | Meeting Minutes



|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purpose of Meeting:</b>  | Burlington County Planning Partnership Kick-Off Meeting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Location of Meeting:</b> | Teleconference                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Date of Meeting:</b>     | August 29, 2023 @ 10:00 am                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Attendees:</b>           | <ul style="list-style-type: none"> <li>• <b>Burlington County</b> <ul style="list-style-type: none"> <li>○ Kristen Carr, Burlington County OEM</li> <li>○ Darryl Williams, Burlington County OEM</li> <li>○ Madison Hoff, Assistant Planner</li> <li>○ Todd Wirth, Management Specialist</li> <li>○ David Levinsky, Burlington County Public Information Office</li> </ul> </li> <li>• <b>Bass River (Twp)</b> <ul style="list-style-type: none"> <li>○ absent</li> </ul> </li> <li>• <b>Beverly (C)</b> <ul style="list-style-type: none"> <li>○ Kevin Richards, OEM</li> <li>○ Rich Wolbert, Public Safety</li> </ul> </li> <li>• <b>Bordentown (C)</b> <ul style="list-style-type: none"> <li>○ Brian MaGuirie</li> </ul> </li> <li>• <b>Bordentown (Twp)</b> <ul style="list-style-type: none"> <li>○ Nick Buroczi, OEM</li> </ul> </li> <li>• <b>Burlington (C)</b> <ul style="list-style-type: none"> <li>○ Frank Caruso, OEM Coordinator</li> <li>○ Kenneth Shine</li> <li>○ Johanna Conyer, Business Administrator</li> <li>○ Bill Harris, Department of Community Development</li> <li>○ Allison Iannacone</li> <li>○ Zoraida Pagan</li> </ul> </li> <li>• <b>Burlington (Twp)</b> <ul style="list-style-type: none"> <li>○ Debbie Painter, OEM</li> </ul> </li> <li>• <b>Chesterfield (Twp)</b> <ul style="list-style-type: none"> <li>○ Rick Bainbridge, OEM</li> <li>○ Michael Davison, OEM</li> </ul> </li> <li>• <b>Cinnaminson (Twp)</b> <ul style="list-style-type: none"> <li>○ Dean Jerginan, OEM</li> <li>○ Eric Schubiger</li> </ul> </li> <li>• <b>Delanco (Twp)</b> <ul style="list-style-type: none"> <li>○ Matt Bartlett, OEM</li> <li>○ Robert Viereck, OEM</li> </ul> </li> <li>• <b>Delran (Twp)</b> <ul style="list-style-type: none"> <li>○ absent</li> </ul> </li> <li>• <b>Eastampton (Twp)</b> <ul style="list-style-type: none"> <li>○ Bob Carr, OEM Coordinator</li> </ul> </li> <li>• <b>Edgewater Park (Twp)</b> <ul style="list-style-type: none"> <li>○ Alyssa Meredith, OEM</li> </ul> </li> <li>• <b>Evesham (Twp)</b> <ul style="list-style-type: none"> <li>○ Carl Bittenbender, OEM</li> </ul> </li> <li>• <b>Fieldsboro (B)</b> <ul style="list-style-type: none"> <li>○ absent</li> </ul> </li> <li>• <b>Florence (Twp)</b> <ul style="list-style-type: none"> <li>○ Phil Drangula, OEM</li> </ul> </li> <li>• <b>Hainesport (Twp)</b> <ul style="list-style-type: none"> <li>○ William Challenger, OEM</li> </ul> </li> <li>• <b>Lumberton (Twp)</b> <ul style="list-style-type: none"> <li>○ Colleen Ekey, OEM</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• <b>Medford Lakes (B)</b> <ul style="list-style-type: none"> <li>○ Mark McIntosh</li> </ul> </li> <li>• <b>Moorestown (Twp)</b> <ul style="list-style-type: none"> <li>○ James Carruthers, Emergency Management Coordinator</li> <li>○ Kevin Abernant</li> </ul> </li> <li>• <b>Mt. Holly (Twp)</b> <ul style="list-style-type: none"> <li>○ absent</li> </ul> </li> <li>• <b>Mt. Laurel (Twp)</b> <ul style="list-style-type: none"> <li>○ Jay Appleton</li> </ul> </li> <li>• <b>New Hanover (Twp)</b> <ul style="list-style-type: none"> <li>○ absent</li> </ul> </li> <li>• <b>North Hanover (Twp)</b> <ul style="list-style-type: none"> <li>○ absent</li> </ul> </li> <li>• <b>Palmyra (B)</b> <ul style="list-style-type: none"> <li>○ Rick Dreby</li> <li>○ Ron Lindemuth</li> </ul> </li> <li>• <b>Pemberton (B)</b> <ul style="list-style-type: none"> <li>○ absent</li> </ul> </li> <li>• <b>Pemberton (Twp)</b> <ul style="list-style-type: none"> <li>○ Craig Augustoni</li> </ul> </li> <li>• <b>Riverside (Twp)</b> <ul style="list-style-type: none"> <li>○ George Conard, OEM</li> </ul> </li> <li>• <b>Riverton (B)</b> <ul style="list-style-type: none"> <li>○ Chief Andrew Beuschel, Police Department OEM</li> </ul> </li> <li>• <b>Shamong (Twp)</b> <ul style="list-style-type: none"> <li>○ John Lyons, OEM</li> </ul> </li> <li>• <b>Southampton (Twp)</b> <ul style="list-style-type: none"> <li>○ Eamonn Fitzpatrick, OEM</li> </ul> </li> <li>• <b>Springfield (Twp)</b> <ul style="list-style-type: none"> <li>○ absent</li> </ul> </li> <li>• <b>Tabernacle (Twp)</b> <ul style="list-style-type: none"> <li>○ Phyllis Worrell</li> <li>○ John Harbort, OEM</li> </ul> </li> <li>• <b>Washington (Twp)</b> <ul style="list-style-type: none"> <li>○ absent</li> </ul> </li> <li>• <b>Westampton (Twp)</b> <ul style="list-style-type: none"> <li>○ Lt. Brian Ferguson</li> </ul> </li> <li>• <b>Willingboro (Twp)</b> <ul style="list-style-type: none"> <li>○ James Anderson, OEM</li> </ul> </li> <li>• <b>Woodland (Twp)</b> <ul style="list-style-type: none"> <li>○ absent</li> </ul> </li> <li>• <b>Wrightstown (B)</b> <ul style="list-style-type: none"> <li>○ James Ingling, Borough OEM</li> </ul> </li> <li>• <b>NOEM</b> <ul style="list-style-type: none"> <li>○ Christopher Warwick, NJSP NJOEM ERB-South</li> <li>○ Cansu Yerdelenli, Mitigation Unit</li> </ul> </li> <li>• <b>Tetra Tech</b> <ul style="list-style-type: none"> <li>○ Chris Huch</li> </ul> </li> </ul> |

# Burlington County, NJ – Hazard Mitigation Plan 2024 Update Planning Partnership Kick-Off Meeting | Meeting Minutes



| <ul style="list-style-type: none"> <li>• <b>Mansfield (Twp)</b> <ul style="list-style-type: none"> <li>○ Douglas Borgstrom</li> <li>○ George Sanf</li> </ul> </li> <li>• <b>Maple Shade (Twp)</b> <ul style="list-style-type: none"> <li>○ absent</li> </ul> </li> <li>• <b>Medford (Twp)</b> <ul style="list-style-type: none"> <li>○ Robert Dovi</li> </ul> </li> </ul> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| <b>Agenda Summary:</b> The purpose of the meeting was to introduce the Planning Partnership and contract consultant, provide an overview of the hazard mitigation planning process, and to begin the information gathering processes and update the hazards of concern.                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |
| Item No.                                                                                                                                                                                                                                                                                                                                                                  | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Action item(s): |
| 1                                                                                                                                                                                                                                                                                                                                                                         | <b>Introductions</b> <ul style="list-style-type: none"> <li>• Each person on the call was asked to include their name and municipality in the meeting chat.</li> <li>• Chris Huch, Tetra Tech’s project manager welcomed everyone to the meeting.</li> <li>• Daryll Williams, Burlington County OEM thanked everyone for attending.</li> <li>• Cansu Yerdelenli, NJOEM thanked everyone for attending.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -               |
| 2                                                                                                                                                                                                                                                                                                                                                                         | <b>Hazard Mitigation Overview</b> <ul style="list-style-type: none"> <li>• Mitigation describes actions taken to help reduce or eliminate the long-term risks/damages cause by hazards</li> <li>• Having an HMP permits eligibility for FEMA pre- and post-disaster grant funding               <ul style="list-style-type: none"> <li>○ Must meet FEMA’s new 2023 guidelines, which include an increase in participation, discussions on climate change and socially vulnerable populations, increased documentation needs, and to show how existing capabilities are integrated into the plan.</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -               |
| 3                                                                                                                                                                                                                                                                                                                                                                         | <b>Project Organization</b> <ul style="list-style-type: none"> <li>• Made up of the Core Planning Team, Steering Committee, Planning Partnership, Stakeholders, and NJOEM</li> <li>• Planning Team members must attend meetings, provide requested information, involve the public and stakeholders, develop mitigation projects, and adopt and implement this plan.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -               |
| 4                                                                                                                                                                                                                                                                                                                                                                         | <b>Planning Process Overview</b> <ul style="list-style-type: none"> <li>• The risk assessment provides a basis for policy and helps to identify what is most important to address to increase resiliency.               <ul style="list-style-type: none"> <li>○ We will be reviewing and updating the Hazards of Concern, updating assets, assessing impacts, and analyzing risks to assets.</li> </ul> </li> <li>• Critical Facilities provide essential services to the community, especially before, during, and after a disaster.</li> <li>• Community Lifelines provide services that allow continuity of operations of critical business and government functions, and crucial to health and safety of residents.</li> <li>• Tetra Tech has emailed instructions for review and update of the critical facility database (due back Friday, September 1).</li> <li>• Public outreach will occur continually throughout the planning process through social media posts, surveys, County and municipal websites, and the StoryMap.</li> <li>• Assessing capabilities can lead to the identification of potential mitigation actions, which bolsters the mitigation strategy.</li> </ul> | -               |



**Burlington County, NJ – Hazard Mitigation Plan 2024 Update  
Planning Partnership Kick-Off Meeting | Meeting Minutes**



|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | <ul style="list-style-type: none"> <li>Tetra Tech will be sending each municipality homework sheets (due September 25<sup>th</sup>) to capture information on: <ul style="list-style-type: none"> <li>Previous events</li> <li>Capabilities</li> <li>NFIP administration</li> <li>New development</li> </ul> </li> <li>The BATool<sup>SM</sup> will be used to review the 2019 mitigation strategy.</li> <li>The 2024 HMP will include an annex for each municipality and the County.</li> </ul>              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 5 | <b>Project Schedule</b> <ul style="list-style-type: none"> <li>Kick-Off Meeting – Today</li> <li>Goals and Finalize Hazards – August 2023</li> <li>Risk Assessment – August-September 2023</li> <li>Identify Actions – September-November 2023</li> <li>Finalize the Plan – December 2023</li> <li>Draft Plan Completed – January 2024</li> <li>Draft Plan Submitted to NJOEM – February 2024</li> <li>Draft Plan Submitted to FEMA – March 2024</li> </ul>                                                   | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 6 | <b>Questions/Next Steps/Discussion</b> <ul style="list-style-type: none"> <li>Johanna Conyer asked for a copy of the presentation. Chris Huch responded that Tetra Tech will send out a copy of the presentation with the emailed worksheets.</li> <li>Bill Harris asked for a sample of NJDEP’s new flood damage prevention ordinance. Chris Huch responded that NJDEP has the ordinance hosted on their website but updates to municipal ordinances should be made with consultation with NJDEP.</li> </ul> | <b>Tetra Tech</b> <ul style="list-style-type: none"> <li>Email meeting notes, meeting slides, homework sheets to each municipality</li> </ul> <b>Planning Partnership</b> <ul style="list-style-type: none"> <li>Complete and submit LOIP</li> <li>Provide edits on critical facilities by Friday, September 1</li> <li>Complete and submit homework worksheets by September 25</li> <li>Attend BATool<sup>SM</sup> refresher training and provide status on previous actions (date TBD)</li> </ul> |



**Burlington County  
Multi-Jurisdictional  
Hazard Mitigation  
Plan 2024 Update**

Planning Partnership Kick-Off Meeting  
August 29, 2023

While waiting for the meeting to start, please enter your name and department/agency in the chat.

1



**Today's  
Agenda**

1. Welcome and Introductions
2. Hazard Mitigation Planning Overview
3. Project Organization
4. Planning Team Responsibilities
5. Planning Process Overview
6. Schedule
7. Questions/Next Steps/Wrap Up

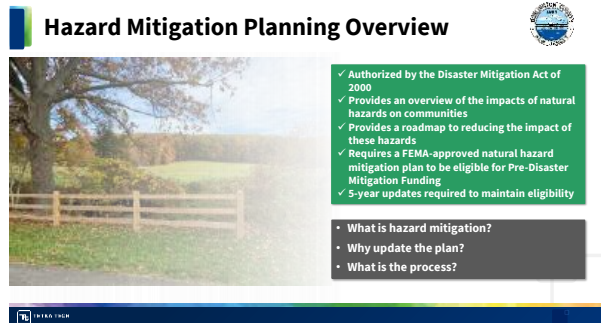
2



**Hazard Mitigation  
Overview**

Mitigation planning happens before a disaster strikes. It results in safer, more resilient communities – reducing risk for the residents, businesses, and critical services in Burlington County.

3

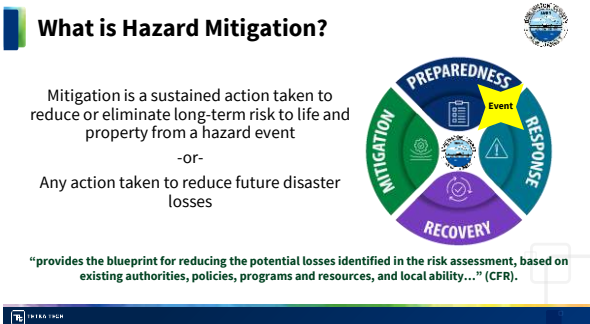


**Hazard Mitigation Planning Overview**

- ✓ Authorized by the Disaster Mitigation Act of 2000
- ✓ Provides an overview of the impacts of natural hazards on communities
- ✓ Provides a roadmap to reducing the impact of these hazards
- ✓ Requires a FEMA-approved natural hazard mitigation plan to be eligible for Pre-Disaster Mitigation Funding
- ✓ 5-year updates required to maintain eligibility

- What is hazard mitigation?
- Why update the plan?
- What is the process?

4




**What is Hazard Mitigation?**

Mitigation is a sustained action taken to reduce or eliminate long-term risk to life and property from a hazard event

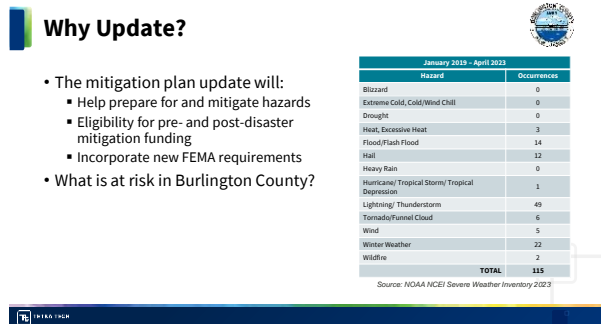
-OR-

Any action taken to reduce future disaster losses

“provides the blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs and resources, and local ability...” (CFR).



5



**Why Update?**

- The mitigation plan update will:
  - Help prepare for and mitigate hazards
  - Eligibility for pre- and post-disaster mitigation funding
  - Incorporate new FEMA requirements
- What is at risk in Burlington County?

| January 2019 - April 2023                      |             |
|------------------------------------------------|-------------|
| Hazard                                         | Occurrences |
| Blizzard                                       | 0           |
| Extreme Cold, Cold/Wind Chill                  | 0           |
| Drought                                        | 0           |
| Heat, Excessive Heat                           | 3           |
| Flood/Flash Flood                              | 14          |
| Hail                                           | 12          |
| Heavy Rain                                     | 0           |
| Hurricane/ Tropical Storm/ Tropical Depression | 1           |
| Lightning/ Thunderstorm                        | 49          |
| Tornado/Tunnel Cloud                           | 6           |
| Wind                                           | 5           |
| Winter Weather                                 | 22          |
| Wildfire                                       | 2           |
| <b>TOTAL</b>                                   | <b>115</b>  |

Source: NOAA NCEI Severe Weather Inventory 2023

6

## Differences from the 2019 Planning Process

- Involvement – engaged and actively participating
- Public and stakeholder outreach
- Socially vulnerable and underserved communities
- Climate change
- Mitigation actions are needed for every hazard of concern



7

## Project Organization



Working with individuals, agencies, neighboring jurisdictions, businesses, and other partners for a successful mitigation planning process.

8

## Project Organization



9

## Planning Partnership Role and Responsibilities

- Actively participate throughout the process –
  - Coordinate and facilitate local efforts
  - Attend meetings
  - Provide information and feedback (e.g., complete municipal worksheets)
  - Involve the public and community stakeholders in the planning process
  - Identify mitigation actions for your community
  - Adopt the plan
  - Implement the plan and monitor its progress
- Return your Letter of Intent to Participate to let the County know you will be participating in the 2024 process



10

## Letters of Intent to Participate

| Jurisdiction         | LOIP Received | Jurisdiction        | LOIP Received | Jurisdiction      | LOIP Received |
|----------------------|---------------|---------------------|---------------|-------------------|---------------|
| Bass River (Twp)     |               | Fieldsboro (B)      |               | Pemberton (B)     | X             |
| Beverly (C)          |               | Florence (Twp)      |               | Pemberton (Twp)   |               |
| Bordentown (C)       |               | Hainesport (Twp)    | X             | Riverside (Twp)   |               |
| Bordentown (Twp)     | X             | Lumberton (Twp)     | X             | Riverton (B)      |               |
| Burlington (C)       | X             | Mansfield (Twp)     | X             | Shamong (Twp)     | X             |
| Burlington (Twp)     |               | Maple Shade (Twp)   |               | Southampton (Twp) | X             |
| Chesterfield (Twp)   |               | Medford (Twp)       |               | Springfield (Twp) |               |
| Cinnaminson (Twp)    | X             | Medford Lakes (B)   |               | Tabernacle (Twp)  |               |
| Delanco (Twp)        | X             | Moorestown (Twp)    |               | Washington (Twp)  |               |
| Delran (Twp)         |               | Mt. Holly (Twp)     | X             | Westampton (Twp)  |               |
| Eastampton (Twp)     | X             | New Hanover (Twp)   |               | Willingboro (Twp) |               |
| Edgewater Park (Twp) | X             | North Hanover (Twp) |               | Woodland (Twp)    |               |
| Evesham (Twp)        |               | Palmyra (B)         | X             | Wrightstown (B)   |               |



11

## How Do You Participate?

- Assist with the update of your jurisdictional annex
- Attend Planning Partnership meetings/workshops – like this one!
- Provide data and information in a timely manner
- Support public and stakeholder outreach in your jurisdiction
- Review and provide feedback on Draft and Final Plan documents
- Facilitate the adoption process – governing body must pass an Adoption Resolution
- Implement and Maintain the Plan



12



## Planning Process Overview

A well defined planning process is essential to the success of Burlington County's HMP Update.

## Planning Process Overview



13

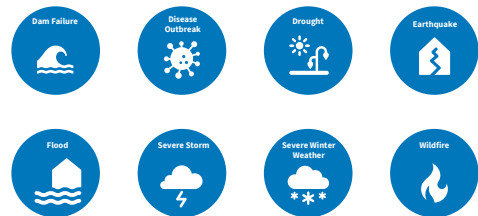
14

## Update Risk Assessment



- Update Assets
- Examine Previous Impacts
- Analyze Risks
- Review with Steering Committee
- Risk Assessment Meeting

## Hazards of Concern



15

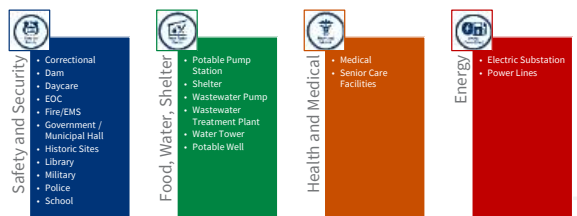
16

## Critical Facilities and Community Lifelines

- **Critical Facilities** provide essential services to the community, especially before, during, and after a disaster.
- **Community Lifelines** provide services that allow continuity of operations of critical business and government functions, and crucial to health and safety of residents.



## Critical Facilities and Community Lifelines



17

18

## Critical Facilities and Community Lifelines



19

## Critical Facilities and Community Lifelines

- OEM contacts and Primary Points of Contact from municipalities that have submitted LOIPs have been asked to review the critical facilities within their municipality.
- Identify necessary edits to existing facilities, remove facilities that no longer exist, and identify new facilities.
- **Review of critical facilities should be completed by close of business on Friday, September 1.**



20

## Capability Assessment

- Capabilities
  - What does your jurisdiction use to reduce risk to hazards?



21

## Mitigation Strategy

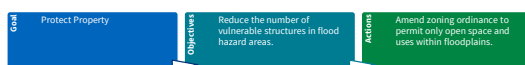
- Goals
  - What outcomes do you want to achieve?
- Actions
  - What specific actions will be taken to reduce hazard risk?
- Action Plan
  - How will the actions be prioritized and implemented?



22

## 2024 HMP Goals and Objectives

| Goal Number | 2024 Draft Goal                                                                                        |
|-------------|--------------------------------------------------------------------------------------------------------|
| Goal 1      | Protect Life                                                                                           |
| Goal 2      | Protect Property and Environmental Resources                                                           |
| Goal 3      | Increase Public Preparedness and Engagement                                                            |
| Goal 4      | Develop and Maintain an Understanding of Increased Risk from Climate Change Impacts to Natural Hazards |
| Goal 5      | Enhance Mitigation Capabilities to Reduce Hazard Vulnerabilities                                       |
| Goal 6      | Support Continuity of Operations Pre-, During, and Post-Hazard Events                                  |
| Goal 7      | Reduce the Risk of Natural Hazards Among the Communities with Vulnerable Populations                   |



23

## 2024 HMP Goals and Objectives

| Objective Number | 2024 Draft Objective                                                                                                                                                          |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                | Promote disaster-resistant development.                                                                                                                                       |
| 2                | Build and support local capacity to enable the public to prepare for, respond to, and recover from disasters.                                                                 |
| 3                | Reduce the possibility of damages to critical facilities from natural hazards.                                                                                                |
| 4                | Reduce the possibility of damage and losses due to natural hazards affecting the county and its municipalities.                                                               |
| 5                | Educate the public on the risk from natural and man-made hazards and increase their awareness of preparation, mitigation, response, and recovery activities.                  |
| 6                | Increase communications before, during, and after natural hazard events.                                                                                                      |
| 7                | Retrofit, acquire, or relocate vulnerable property in high hazard areas including those known to be subject to repetitive damages.                                            |
| 8                | Utilize the best available information on hazard exposure and vulnerability to support appropriate land use decisions within Burlington County.                               |
| 9                | Increase local government official awareness regarding funding opportunities for mitigation and participating/contributing to future plan updates.                            |
| 10               | Identify, and provide additional resources to, vulnerable and marginalized populations that have reduced capacity to respond to hazards compared with the general population. |

24

## 2024 HMP Goals and Objectives

| Objective Number | 2024 Draft Objective                                                                                                                                                                                       |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11               | Ensure dam infrastructure is maintained.                                                                                                                                                                   |
| 12               | Support the identification and access to funding to repair/replace dams.                                                                                                                                   |
| 13               | Ensure Emergency Action Plans are developed and updated.                                                                                                                                                   |
| 14               | Acquire and maintain detailed data regarding critical facilities and lifelines such that these sites can be prioritized and risk-assessed for possible mitigation actions.                                 |
| 15               | Support increased participation in the National Flood Insurance Program and Community Rating System.                                                                                                       |
| 16               | Promote sustainable and equitable land development practices that direct future development away from hazard-prone areas.                                                                                  |
| 17               | Encourage and support multi-jurisdictional mitigation projects that leverage funding and support from multiple levels of government and community organizations.                                           |
| 18               | Strengthen inter-jurisdiction and inter-agency communication, coordination, and partnerships to foster hazard mitigation actions and/or projects.                                                          |
| 19               | Encourage the establishment of policies to help ensure the prioritization and implementation of mitigation actions and/or projects designed to benefit essential facilities, services, and infrastructure. |

25

## Public Outreach Strategy

- Public Outreach Toolkit
  - Social media templates and posts
  - Press release templates
  - Printable materials
- Surveys
  - Stakeholders
  - Neighboring communities
  - Public
- County Website
- StoryMap



26

## Plan Adoption & Integration

- Implementing your HMP...
  - Integration –
    - Link to local planning efforts
    - Hazard mitigation principles into your comprehensive or master plan
    - Interagency coordination
  - Projects/Actions –
    - Explore funding options to complete projects
    - Develop grant applications
    - Implement the projects

27

## Homework



Each jurisdiction will need to review and submit information on previous events, capabilities, NFIP administration, recent development, and previous actions.

Homework sheets are due September 25.

28

## Worksheet 1: Previous Events

29

## Worksheet 2: Capability Assessment

30



### Worksheet 3: NFIP Administration

31

### Worksheet 4: New Development

32

### Review Your Previous Mitigation Strategy BATool<sup>SM</sup> Program

- Update the 2019 mitigation actions through the BATool<sup>SM</sup> – less paperwork!
- Refresher training will be held for planning partners
- Populate 2024 mitigation actions



33

### Project Schedule

Upcoming meetings and key milestones throughout the HMP update process

34

### Schedule

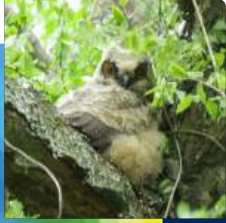


35

### Next Steps

- Complete and submit your LOIP
- Provide edits on critical facilities by Friday, September 1
- Complete and submit homework worksheets by September 25
  - Previous Events
  - Capability Assessment
  - NFIP Administration
  - New Development
- Attend BATool<sup>SM</sup> refresher training and provide status on previous actions – training date to be announced

36



Questions?

37

**Burlington County Project Contact**  
 Kristen Carr, Office of Emergency Management  
 (609) 738-5139 | [KcCarr@co.burlington.nj.us](mailto:KcCarr@co.burlington.nj.us)

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 Chris Huch, CFM  
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**Tetra Tech, Lead Planner**  
 Jessica Stokes, MSEM, NJCEM  
 (973) 630-8017 | [jessica.stokes@tetratech.com](mailto:jessica.stokes@tetratech.com)

Thank You!

Tetra Tech

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**Burlington County, NJ – Hazard Mitigation Plan 2024 Update**  
**Burlington County Core Planning Team Meeting | Meeting Minutes**



|                             |                                                                                                                                                                                                                                                                                                                              |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purpose of Meeting:</b>  | Burlington County Core Planning Team Meeting                                                                                                                                                                                                                                                                                 |
| <b>Location of Meeting:</b> | Teleconference                                                                                                                                                                                                                                                                                                               |
| <b>Date of Meeting:</b>     | October 11, 2023 @ 11:00 AM                                                                                                                                                                                                                                                                                                  |
| <b>Attendees:</b>           | <ul style="list-style-type: none"> <li>• <b>Burlington County</b> <ul style="list-style-type: none"> <li>○ Kristen Carr, Deputy OEM Coordinator</li> </ul> </li> <li>• <b>Tetra Tech</b> <ul style="list-style-type: none"> <li>○ Chris Huch, Project Manager</li> <li>○ Jessica Stokes, Lead Planner</li> </ul> </li> </ul> |

**Agenda Summary:** Meeting to discuss updates in planning process; schedule upcoming meetings and next steps

| Item No. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Action item(s):                                                                                                                                                                           |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1        | <b>Status Update</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                                                                                                                                         |
| 2        | <b>Participation</b> <ul style="list-style-type: none"> <li>• Are there additional LOIPs that have come in since mid-September? We are still looking for the following: <ul style="list-style-type: none"> <li>○ Bass River</li> <li>○ Delran</li> <li>○ Fieldsboro</li> <li>○ Maple Shade</li> <li>○ Riverton</li> <li>○ Tabernacle</li> <li>○ Westampton</li> <li>○ Willingboro</li> <li>○ Woodland</li> </ul> </li> <li>• Municipalities that have not returned their homework: <ul style="list-style-type: none"> <li>○ Bass River</li> <li>○ Bordentown Twp</li> <li>○ Cinnaminson</li> <li>○ Florence</li> <li>○ Lumberton</li> <li>○ Mount Holly</li> <li>○ Springfield</li> <li>○ Tabernacle</li> <li>○ Washington</li> <li>○ Westampton</li> <li>○ Willingboro</li> <li>○ Woodland</li> </ul> </li> <li>• What should the approach be to get these non-participants on board? <ul style="list-style-type: none"> <li>○ Ms. Carr to attempt direct contact this week.</li> </ul> </li> </ul> | <b>Tetra Tech</b><br><br><b>Burlington County</b> <ul style="list-style-type: none"> <li>• Ms. Carr to reach out (text/email) to municipalities about LOIP and homework sheets</li> </ul> |
| 3        | <b>Schedule SC and PP Meetings</b> <ul style="list-style-type: none"> <li>• Original proposal had the draft plan completed in October, public review in November, and draft submittal in December to NJOEM. Fastest potential timeline would now likely be December public review, January submittal to NJOEM.</li> <li>• GIS analysis for risk assessment is nearly complete (will be done next week)</li> <li>• We need to have a SC risk assessment meeting and a PP risk assessment meeting</li> <li>• We could potentially combine the PP risk assessment meeting and the mitigation strategy workshop into a single meeting if you would like. We would set the meetings as</li> </ul>                                                                                                                                                                                                                                                                                                         | <b>Tetra Tech</b> <ul style="list-style-type: none"> <li>• Send SC RA Meeting invitation</li> <li>• Send out PP RA and Mitigation Strategy</li> </ul>                                     |



**Burlington County, NJ – Hazard Mitigation Plan 2024 Update**  
**Burlington County Core Planning Team Meeting | Meeting Minutes**



|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                  |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | <p>in person, two phases in the morning, and take the rest of the day to work with municipalities to complete their annexes and actions.</p> <ul style="list-style-type: none"> <li>• Meetings According to CRS Standards: <ul style="list-style-type: none"> <li>○ Reminder that all meetings need to be publicly accessible and be advertised by the County.</li> </ul> </li> <li>• The following meetings were agreed upon: <ul style="list-style-type: none"> <li>○ SC Risk Assessment Meeting – Tuesday, October 24 @ 10 am</li> <li>○ PP Risk Assessment/Mitigation Strategy Workshop – Monday, October 30 @9 am – room booked all day</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <p>Workshop invitation</p> <ul style="list-style-type: none"> <li>• Send press release to County for review</li> </ul> <p><b>Burlington County</b></p> <ul style="list-style-type: none"> <li>• County to distribute the press release for upcoming meetings</li> </ul>                                          |
| 4 | <p><b>Outreach</b></p> <ul style="list-style-type: none"> <li>• Surveys for public, stakeholders, and neighbors need to be sent out. County has no necessary edits on the surveys.</li> <li>• Based on recent feedback from other plans, we need to have the Steering Committee review the way we are identifying socially vulnerable populations.</li> <li>• Steering Committee will need to help distribute surveys and postings.</li> <li>• Tetra Tech can send over the template social media announcements for your review and county use. <ul style="list-style-type: none"> <li>○ Tetra Tech would then distribute to the full PP for municipal posting.</li> </ul> </li> <li>• We would like to get surveys and social media language out to the PP by the end of this week</li> <li>• 2 virtual public meetings <ul style="list-style-type: none"> <li>○ 1<sup>st</sup> meeting should occur soon <ul style="list-style-type: none"> <li>▪ Public Risk Assessment Meeting – November 9 @ 7pm via Teams</li> </ul> </li> <li>○ 2<sup>nd</sup> meeting will occur to announce start of public review period</li> </ul> </li> <li>• StoryMap development continues</li> </ul> | <p><b>Tetra Tech</b></p> <ul style="list-style-type: none"> <li>• Distribute stakeholder and neighbor surveys</li> <li>• Ask SC to help distribute surveys</li> </ul> <p><b>Burlington County</b></p> <ul style="list-style-type: none"> <li>• County to support postings and distribution of surveys</li> </ul> |
| 5 | <p><b>Questions/Discussion</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <p><b>Tetra Tech</b></p> <ul style="list-style-type: none"> <li>• Send Kristen attendance from previous two meetings</li> </ul>                                                                                                                                                                                  |
| 6 | <p><b>Adjourn</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                  |



**BURLINGTON COUNTY HAZARD MITIGATION PLAN UPDATE**  
**Steering Committee #2 – AGENDA**  
**MEETING DATE/TIME: October 24, 2023 – 10:00 am – 11:00 am**



**Virtual Meeting**

**Dial-In Phone Number: +1 617-865-5234; Conference ID: 234 439 737#**

**Join by Meeting: <https://msteams.link/R5KR>**

- 1. Opening Remarks**
- 2. Project Status - where we are in the process, public outreach, survey discussions**
- 3. Additional Outreach Efforts**
  - General Public
  - Stakeholders
  - Neighbors
  - Socially Vulnerable Populations
- 4. Risk Assessment Overview**
  - Results of risk assessment for each hazard
  - Hazards of concern risk ranking
  - How will this information be used in the HMP?
- 5. SWOO**
- 6. Feedback and Input**
- 7. Next Steps**
- 8. Adjournment**

**Burlington County Project Contacts**

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Burlington County OEM  
(609) 738-5139 | [krcarr@co.burlington.nj.us](mailto:krcarr@co.burlington.nj.us)

**Tetra Tech Project Contacts**

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(973) 630-8357 | [chris.huch@tetrattech.com](mailto:chris.huch@tetrattech.com)

Jessica Stokes, MSEM, NJCEM  
6 Century Drive, Parsippany, NJ 07054  
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**Burlington County, NJ – Hazard Mitigation Plan 2024 Update  
Steering Committee Risk Assessment Meeting | Meeting Minutes**



| <b>Purpose of Meeting:</b>  | Steering Committee Risk Assessment Meeting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                              |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Location of Meeting:</b> | Teleconference                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                              |
| <b>Date of Meeting:</b>     | October 24, 2023 @ 10:00AM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                              |
| <b>Attendees:</b>           | <ul style="list-style-type: none"> <li>• <b>Burlington County Division of Emergency Management</b> <ul style="list-style-type: none"> <li>○ Darryl Williams, OEM Coordinator</li> <li>○ Kristen Carr, OEM Deputy Coordinator</li> <li>○ Madison Hoff, Assistant Planner</li> <li>○ Bob Carr, Fire Marshal</li> <li>○ Holly Cucuzzella, Health Department</li> <li>○ Jerome Kilkenny, Transportation Coordinator</li> <li>○ Michael Patton, Systems Supervisor</li> </ul> </li> <li>• <b>Burlington County Department of Health</b> <ul style="list-style-type: none"> <li>○ Monique Davis, Assistant Health Officer</li> </ul> </li> <li>• <b>Burlington County Department of Public Information</b> <ul style="list-style-type: none"> <li>○ Dave Levinsky, Public Information Officer</li> </ul> </li> <li>• <b>Burlington County Department of Public Works</b> <ul style="list-style-type: none"> <li>○ Joe Birkley, Director</li> </ul> </li> <li>• <b>Burlington County Division of GIS</b> <ul style="list-style-type: none"> <li>○ David Rickert, GIS Specialist 2</li> <li>○ Merrilee Torres, GIS Specialist 1, GIS Supervisor</li> </ul> </li> <li>• <b>Burlington County Division of Solid Waste</b> <ul style="list-style-type: none"> <li>○ Jerome Sheehan, Director</li> </ul> </li> <li>• <b>Eastampton (Twp)</b> <ul style="list-style-type: none"> <li>○ Bob Carr, OEM Coordinator</li> <li>○ Kim White, Municipal Clerk/Township Manager</li> </ul> </li> <li>• <b>Mansfield (Twp)</b> <ul style="list-style-type: none"> <li>○ Douglas Borgstrom, OEM Coordinator/Fire Official</li> <li>○ Matthew Konowicz, Township Fire Department</li> </ul> </li> <li>• <b>Moorestown (Twp)</b> <ul style="list-style-type: none"> <li>○ Jim Carruthers, OEM Coordinator</li> </ul> </li> <li>• <b>Springfield (Twp)</b> <ul style="list-style-type: none"> <li>○ Andrew Eaton, Deputy Mayor</li> </ul> </li> <li>• <b>American Water</b> <ul style="list-style-type: none"> <li>○ Gary Gehringer, Environmental Program Lead</li> </ul> </li> <li>• <b>Bordentown Regional School District</b> <ul style="list-style-type: none"> <li>○ Dr. Trudy Atkins, Superintendent</li> </ul> </li> <li>• <b>Holy Cross Preparatory Academy</b> <ul style="list-style-type: none"> <li>○ David Moffa, Principal</li> </ul> </li> <li>• <b>FEMA Region 2</b> <ul style="list-style-type: none"> <li>○ Meghan Wren, FEMA Region 2 Community Planner, Resilience Branch</li> </ul> </li> <li>• <b>NJOEM</b> <ul style="list-style-type: none"> <li>○ Cansu Yerdeleni, Mitigation Unit</li> </ul> </li> <li>• <b>Northern Burlington County Regular School District</b> <ul style="list-style-type: none"> <li>○ Matthew Konowicz, Director of Instruction for Agriscience, Applied Technology, Business &amp; Technology, Visual &amp; Performing Arts</li> </ul> </li> <li>• <b>Rowan College Burlington County Public Safety</b> <ul style="list-style-type: none"> <li>○ Andrew Eaton, Director of Public Safety</li> </ul> </li> <li>• <b>Burlington County Institute of Technology</b> <ul style="list-style-type: none"> <li>○ Joe Venuto, Principal, Westampton Campus</li> </ul> </li> <li>• <b>Tetra Tech</b> <ul style="list-style-type: none"> <li>○ Chris Huch, Project Manager</li> <li>○ Jessica Stokes, Lead Planner</li> </ul> </li> </ul> |                                                                                                                                                                                                                                                              |
| <b>Agenda Summary:</b>      | The purpose of the meeting was to 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 to the Steering Committee.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                              |
| Item No.                    | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Action item(s):                                                                                                                                                                                                                                              |
| 1                           | <b>Introductions</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                                                                                                                                                                                                                            |
| 2                           | <b>Project Status</b> <ul style="list-style-type: none"> <li>• On schedule <ul style="list-style-type: none"> <li>○ Risk Assessment – October 2023</li> <li>○ Identify Actions – September-November 2023</li> <li>○ Finalize Plan Maintenance – December 2023</li> <li>○ Draft Plan – January 2024</li> <li>○ Draft to NJOEM – February 2024</li> <li>○ Draft to FEMA – March 2024</li> </ul> </li> <li>• Remaining LOIPs <ul style="list-style-type: none"> <li>○ Bass River (Twp)</li> <li>○ Delran (Twp)</li> <li>○ Fieldsboro (B)</li> <li>○ Maple Shade (Twp)</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Steering Committee</b> <ul style="list-style-type: none"> <li>• Post links on social media and department/agency websites</li> <li>• Make efforts to reach out to general public, stakeholders, neighbors, and socially vulnerable populations</li> </ul> |





|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |   |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|   | <ul style="list-style-type: none"> <li>○ Westampton (Twp)</li> <li>○ Willingboro (Twp)</li> <li>○ Woodland (Twp)</li> <li>• Public Outreach and Engagement <ul style="list-style-type: none"> <li>○ Post links on social media and department/agency websites</li> <li>○ Stakeholder and neighboring municipalities surveys have been distributed</li> <li>○ Make efforts to reach out to: <ul style="list-style-type: none"> <li>▪ General Public</li> <li>▪ Stakeholders</li> <li>▪ Neighbors</li> <li>▪ Socially Vulnerable Populations</li> </ul> </li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |
| 3 | <b>Risk Assessment Overview</b> <ul style="list-style-type: none"> <li>• Risk is defined as a function of : <ul style="list-style-type: none"> <li>○ Hazard <ul style="list-style-type: none"> <li>▪ Source of potential danger or adverse condition</li> </ul> </li> <li>○ Exposure <ul style="list-style-type: none"> <li>▪ Manmade or natural features that are exposed to the hazard</li> </ul> </li> <li>○ Vulnerability <ul style="list-style-type: none"> <li>▪ Damage susceptibility of the exposed features</li> </ul> </li> <li>○ Adaptive Capacity (or capability) <ul style="list-style-type: none"> <li>▪ Plans/policies</li> <li>▪ Response/recovery</li> <li>▪ Financial resources</li> </ul> </li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | - |
| 4 | <b>Preliminary Risk Assessment Results</b> <ul style="list-style-type: none"> <li>• Provided an overview of the results from the risk assessment for each hazard. Results were a combination of qualitative and quantitative data.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | - |
| 5 | <b>Hazard Rankings</b> <ul style="list-style-type: none"> <li>• The calculated probability of a hazard occurring based on historical data</li> <li>• <i>Impacts to <u>people</u>, <u>property</u>, and the <u>economy</u></i> based on GIS data and analysis of exposure.</li> <li>• The degree to which <u>climate change</u> will affect future occurrences based on best available data.</li> <li>• The degree to which existing <u>capabilities</u> (the ability of your community to respond to the hazard based on ordinances, mitigation strategies and procedures, and readiness) decrease overall risk.</li> <li>• Ranking: <ul style="list-style-type: none"> <li>○ High: Severe Weather</li> <li>○ Medium: Extreme Temperature, Dam Failure, Severe Winter Weather, Disease Outbreak, Drought</li> <li>○ Low: Flood, Wildfire, Earthquake</li> </ul> </li> </ul> <p><i>Discussion:</i></p> <ul style="list-style-type: none"> <li>• Jim Carruthers – Hi Jim Carruthers with more sound OEM and I had a question quick about flood the flood risk, the data that you guys use for that. I know you'd said limited mapping and some of it's outdated. How reliable is that data that you guys looked at to rank flooding at that stage and how can this committee or I guess at this program help? <ul style="list-style-type: none"> <li>○ Chris Huch – We did use the effective floodplain maps from FEMA. In most instances, those maps aren't too, too old. But again, in the</li> </ul> </li> </ul> | - |



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|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|  | <p>middle part of the state, the middle part of the county's a lot of the mapping is old. So even if you were to do a very in-depth mapping process there to update everything, you probably wouldn't result in much more information that would impact development that's taking place, because most of those lands are protected in the Pinelands. That being said, with NJDEP updating their inland flood rule, we are anticipating that the state at some point here in the next few years is probably going to go through their own mapping exercise to present a new version of the special Flood Hazard area that reflects where you are required to build these higher standards. In terms of the overall mapping and what we can do right now, if we think that we do have outdated flood maps in our in certain areas of the county, we can always reach out to FEMA. So, a lot of what's going on there is based on limited resources and amount of time, but that's kind of the mapping section here.</p> <ul style="list-style-type: none"> <li>• Matthew Konowicz: I see this as on natural disaster. Is there a place to consider "human behavior" as a risk? I am seeing more and more conflict/violence/crime. Is there also place in this risk assessment to consider human behavior and the negative changes in human behavior such as increased crime or violence? <ul style="list-style-type: none"> <li>○ Chris Huch: Hazard mitigation planning is primarily focused on natural hazards. In the past few years, we've seen a lot of plans include some more manmade hazards, including things like cyber terrorism, active shooters. We did have discussions about including some of that stuff. The focus was to stick with natural hazards for this plan and use some of the other planning efforts that are out there like emergency operations, plans to kind of deal with those types of hazards in a way that they can more accurately be dealt with. The main reason why is because hazard mitigation planning is about kind of putting projects in place that help reduce overall risk. Those manmade hazards or human behavior hazards are more about typically response.</li> <li>○ Matthew Konowicz: I'm glad you said it that way because they could also be thought of as if we consider the risks. Maybe we can put attention into mitigating the negative human behaviors. So, while it doesn't fit in this mold, maybe in the very near future it can be considered something that we can get ahead of.</li> <li>○ Chris Huch: And, you know, emergency operation plans in the state of New Jersey must be updated on a 2-year basis now. It's frequent, so there's always new emerging threats that are coming into that sector. We can always include some notes in the plan to talk about some of the changes that we've seen on.</li> <li>○ Matthew Konowicz: in my industry of education, I see mental health has changed the way students and adults handle situations, and I think that leads to other risks or risky behavior that affects the communities. but to try to bring it back a little tighter to what you're working on my secondary comment there, which you also referenced his response. So, while these threats are real, I think in an equal threat is the lack of responders we have across the counting across the state. So, I don't know if there's a place to really highlight that in this committee.</li> </ul> </li> </ul> |  |
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**Burlington County, NJ – Hazard Mitigation Plan 2024 Update**  
**Steering Committee Risk Assessment Meeting | Meeting Minutes**



- Chris Huch: Yeah, that's something that we include. So, when we're talking about capabilities, I'm having adequate staffing is one of the main things that that holds a lot of municipalities back and they'll say, yeah, you know, I could go out and take care of these events pretty easily if I had enough people, I could get my roads cleared from a winter snowstorm. So, keeping that in mind, if there are instances where we feel like, hey, we're understaffed or we don't have the necessary resources to really address some of these events, that is an opportunity to put some work into build up that capability and include that as an action.
- Matthew Konowicz: That's why I want to make sure that you know, when I'm sure this drives funding decision making and if we don't have enough police just to cover regular shifts where we don't have enough firefighters, EMT's just to do the regular day-to-day emergency response.
- Merilee Torres: Due to the 2004 storm event, FEMA re-mapped Burlington County. I believe the Floodplain/FIRM preliminary data was released in 2016 and made effective December 2017.
  - Chris Huch: I see that you are, uh, noting the FEMA remapping effort based on the 2004 event, and that the preliminary data was released in 2016, made effective in 2017. Was that for the entire county or just for specific portions?
  - Merilee Torres: As far as I know, it was the entire county.
  - Chris Huch: OK, great. I'll go back and check to make sure that we've got that fully reflected.
- Chris Huch: Speaking of flood, did anybody have any thoughts about that hazard ranking being low for flood? Do we want to consider moving that up to at least a medium hazard ranking based on past events based on the fact that flooding doesn't necessarily only take place in the floodplain, it can take place on streets, roadways, things like that.
  - Darryl Williams: I tend to hear more conversations circling around the flooding, especially in certain areas. In the Mount Holly area, we get information and phone calls from homeowners that are concerned about it more than I tend to hear really about the drought, so you know you know to me flooding tends to be a constant conversation that that we're talking about especially with the dams and then overflow and then how other communities you are affected by that. So again, I haven't heard in my role much conversation circling around drought, but flooding has been an issue.
  - Chris Huch: Yeah, I think the drought focus here largely comes from the agricultural side of drought. You know not that impactful to folks that aren't farmers, but obviously we've got a lot of agriculture taking place in Burlington County. So, I think that's where we ended up having that one sit higher because of economic input.
  - Matthew Konowicz: I am not sure if someone on this call can speak to it, but I hear farmers are hurt more by flooding than drought.
- Meghan: Flood is certainly a high concern in some Burlington communities. it's tough when it must be averaged out. In Delaware River/Route 130 corridor plan endorsement process several communities flagged flooding as their primary concern.





- Jim: What factors are brought in to determine, you know, the risk or the hazard level for a dam? Because I know there's three different types of dams, but I'm not familiar necessarily with the how those statuses are achieved.
  - Chris Huch: So there's three different rankings. The state has a high is the highest level, then there's significant, followed by low, and then there's also a few that are just undetermined, which are usually very, very old. High ranked dams are ones that, if they were to fail, they pose a risk to both life and property. So those are the ones that we're most concerned with when we went through our hazard ranking process here and it's with the local municipalities, it shows up those municipalities that have high ranked dams end up having dam ranked much, much higher than those that do not have high ranked dams. And those municipalities that don't have any dams at all, we're going to be noting that if we're going to work with those municipalities to know, do you have any concerns with dams failing and neighboring municipalities that maybe we are not able to fully understand through the mapping right now? If not, if you've got no exposure, we're going to be able to kind of cross dam failure off the list as a hazard of concern for those municipalities. But the focus here is on those high hazard dams for a couple of reasons. Obviously, the threat to life, but there is a program out there specifically available for funding, for retrofitting of those high hazard dams to the FEMA high hazard potential dam grant program. Given the importance of that program, the funding that's available, and the connection to hazard mitigation action development, we've pulled it out as a standalone hazard. We do factor in climate change, and the one thing to keep in mind here is that most of our dams are based on a hydrograph that is kind of looking back in the past, looking at what are the typical conditions that existed previously that we should be designing for. However, we know that due to climate change, we're likely to see more intense rainfall events and a higher overall level of precipitation is probably going to be heading our way too, which means there's going to be a lot more water flowing and that may result in a higher risk of dam failure as dams get overtopped.
- Monique Davis: My concern is the disease outbreak category and looking at that if we're looking at like the ranking within on the property and the people and the economy, were you kind of focusing in on the number of deaths? Not that 800 plus deaths was minimal, but I think we also need to consider that all of the people who were sick and the research showing this phenomenon known as long COVID. I'm just trying to kind of wrap my head around how within the medium category, how did you arrive at disease outbreak to be the 4th one out of the 5?
  - Chris Huch: We spent time focusing on those sectors of the population that we know are most likely to have severe impacts, such as the elderly. One of the things that really knocked the overall hazard ranking down because we did factor in economy and economic impacts, was probability of occurrence. Again, the fact that we had that event right now, it's fresh in our minds and we're still dealing with some of the stuff from coronavirus. But the fact that it only can probably anticipate an event of that magnitude once every 100 years based upon looking back and you know that's not to say that we

**Burlington County, NJ – Hazard Mitigation Plan 2024 Update**  
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|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                    |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
|   | <p>won't see a higher frequency in the future. But just looking at previous occurrences, that's what brought the probability down from a high ranked hazard to a medium ranked hazard.</p> <p>Consensus from the Steering Committee to increase the flood ranking to Medium.</p>                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                    |
| 6 | <p><b>Strengths, Weaknesses, Obstacles, and Opportunities (SWOO)</b></p> <ul style="list-style-type: none"> <li>• Strengths – what the County and communities do well; things upon which we can capitalize.</li> <li>• Weaknesses – what can be done better; what can be strengthened.</li> <li>• Obstacles – what stands in the way to implementation to prevent mitigation or response (for example regulatory, geographical, environmental, financial issues).</li> <li>• Opportunities - actions or projects to mitigate issues or improve resilience.</li> </ul>                                                     | <p><b>Steering Committee</b></p> <ul style="list-style-type: none"> <li>• Complete SWOO worksheets and return to Chris Huch by 10/27/23</li> </ul> |
| 7 | <p><b>Next Steps</b></p> <ul style="list-style-type: none"> <li>• Share information about the HMP Update via social media, community groups, and networks</li> <li>• Attend the Risk Assessment and Mitigation Strategy Workshop on Monday, October 30 @ 9:00 a.m. at the <ul style="list-style-type: none"> <li>○ Burlington County Emergency Services Training Center (ESTC) 53 Academy Road, Westampton, New Jersey 08060</li> </ul> </li> <li>• Attend the Public Risk Assessment Meeting on Thursday, November 9 @ 7:00 p.m. via Teams: <a href="https://msteams.link/4HOW">https://msteams.link/4HOW</a></li> </ul> | -                                                                                                                                                  |
| 8 | <b>Questions/Discussion</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                                                                                                                                  |



TETRA TECH



# Burlington County Multi-Jurisdictional Hazard Mitigation Plan 2024 Update

**Steering Committee Risk Assessment Meeting**

October 24, 2023

While waiting for the meeting to start, please enter your name and department/agency in the chat.





# Today's Agenda

1. Welcome and Introductions
2. Project Status
3. Risk Assessment Overview
4. Feedback and Input
5. Next Steps
6. Questions/Wrap Up

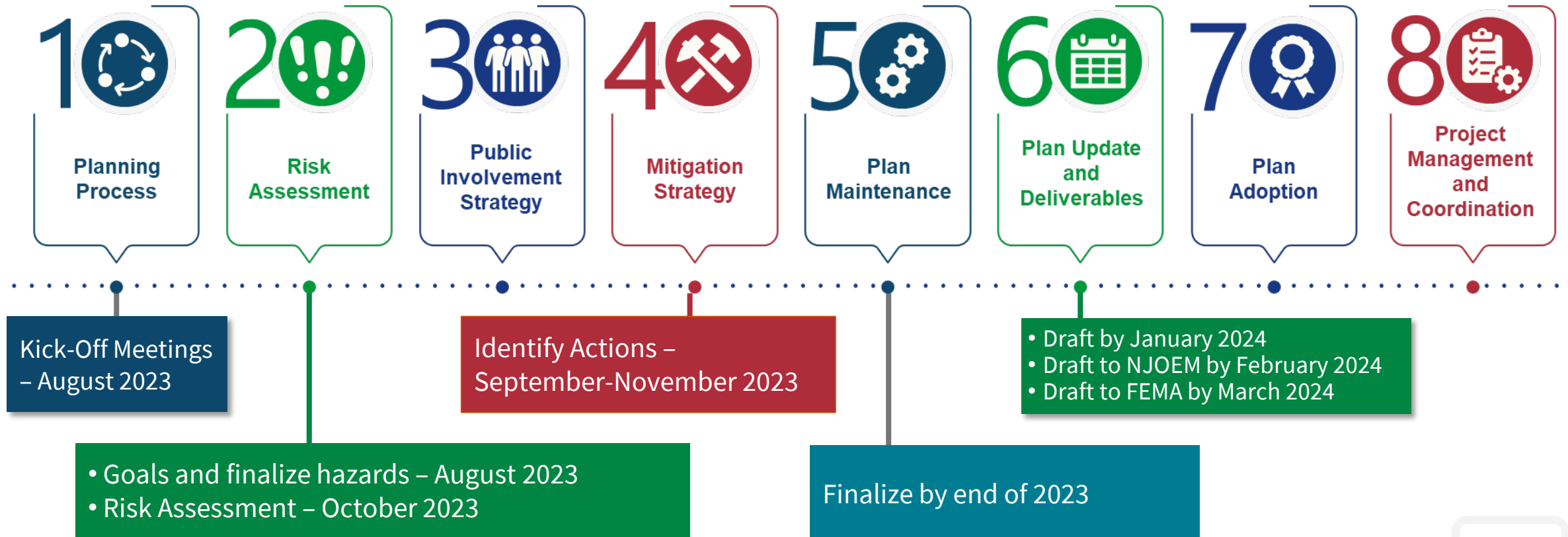






# Project Status

# Schedule







# Municipal Participation Status

- To date, we have received Letters of Intent to Participate (LOIP) from all but seven municipalities.

| Status (10/20/2023) |                | Status (10/20/2023)  |                | Status (10/20/2023) |                | Status (10/20/2023) |                |
|---------------------|----------------|----------------------|----------------|---------------------|----------------|---------------------|----------------|
| Municipality        | LOIP Received? | Municipality         | LOIP Received? | Municipality        | LOIP Received? | Municipality        | LOIP Received? |
| Bass River (Twp)    |                | Eastampton (Twp)     | X              | Medford Lakes (B)   | X              | Riverton (B)        | X              |
| Beverly (C)         | X              | Edgewater Park (Twp) | X              | Moorestown (Twp)    | X              | Shamong (Twp)       | X              |
| Bordentown (C)      | X              | Evesham (Twp)        | X              | Mt. Holly (Twp)     | X              | Southampton (Twp)   | X              |
| Bordentown (Twp)    | X              | Fieldsboro (B)       |                | Mt. Laurel (Twp)    | X              | Springfield (Twp)   | X              |
| Burlington (C)      | X              | Florence (Twp)       | X              | New Hanover (Twp)   | X              | Tabernacle (Twp)    | X              |
| Burlington (Twp)    | X              | Hainesport (Twp)     | X              | North Hanover (Twp) | X              | Washington (Twp)    | X              |
| Chesterfield (Twp)  | X              | Lumberton (Twp)      | X              | Palmyra (B)         | X              | Westampton (Twp)    |                |
| Cinnaminson (Twp)   | X              | Mansfield (Twp)      | X              | Pemberton (B)       | X              | Willingboro (Twp)   |                |
| Delanco (Twp)       | X              | Maple Shade (Twp)    |                | Pemberton (Twp)     | X              | Woodland (Twp)      |                |
| Delran (Twp)        |                | Medford (Twp)        | X              | Riverside (Twp)     | X              | Wrightstown (B)     | X              |



# Public Outreach and Engagement

## ACTION! Distribute the Public Survey!

- Post links on social media and department/agency websites
- Stakeholder and neighboring municipalities surveys have been distributed
- Make efforts to reach out to:
  - General Public
  - Stakeholders
  - Neighbors
  - Socially Vulnerable Populations

The image shows a digital survey form titled "Burlington County Hazard Mitigation Plan Update - Public Survey". It features the Burlington County seal and a section titled "Natural Hazard Information". The text in this section asks for input on natural hazards impacting the county. Below this, there is a question about recent experiences with hazards, with checkboxes for "Dam Failure" and "Disease/Pest". An "OK" button is visible. At the bottom right, there is a promotional graphic for the "BURLINGTON COUNTY HAZARD MITIGATION PLAN SURVEY" which includes a QR code, a "TAKE THE SURVEY" button, and the URL "HTTP://BIT.LY/4SC7GOL". The background of the graphic shows a stormy sky with lightning.



# Risk Assessment Overview





# What is Risk?

Risk is defined as a function of :

- Hazard
  - Source of potential danger or adverse condition
- Exposure
  - Manmade or natural features that are exposed to the hazard
- Vulnerability
  - Damage susceptibility of the exposed features
- Adaptive Capacity (or capability)
  - Plans/policies
  - Response/recovery
  - Financial resources





# Purpose of Risk Assessment

- To get a better understanding of the risks you face
- Initial results based on available data
- Quantitative data (population/structures exposed, structural damages within hazard zones) used when available
- Qualitative community input (such as unmapped flood areas) integrated to adjust results
- Local community input to adjust relative rankings





# Preliminary Risk Assessment Results



# Dam Failure

Dam failures in Burlington County are a low-probability and high-consequence event. A dam failure can have devastating impacts on the County. While most dams have storage volumes small enough that failures would have little or no consequences, dams with large storage amounts could cause significant flooding downstream.

## Number of Dams

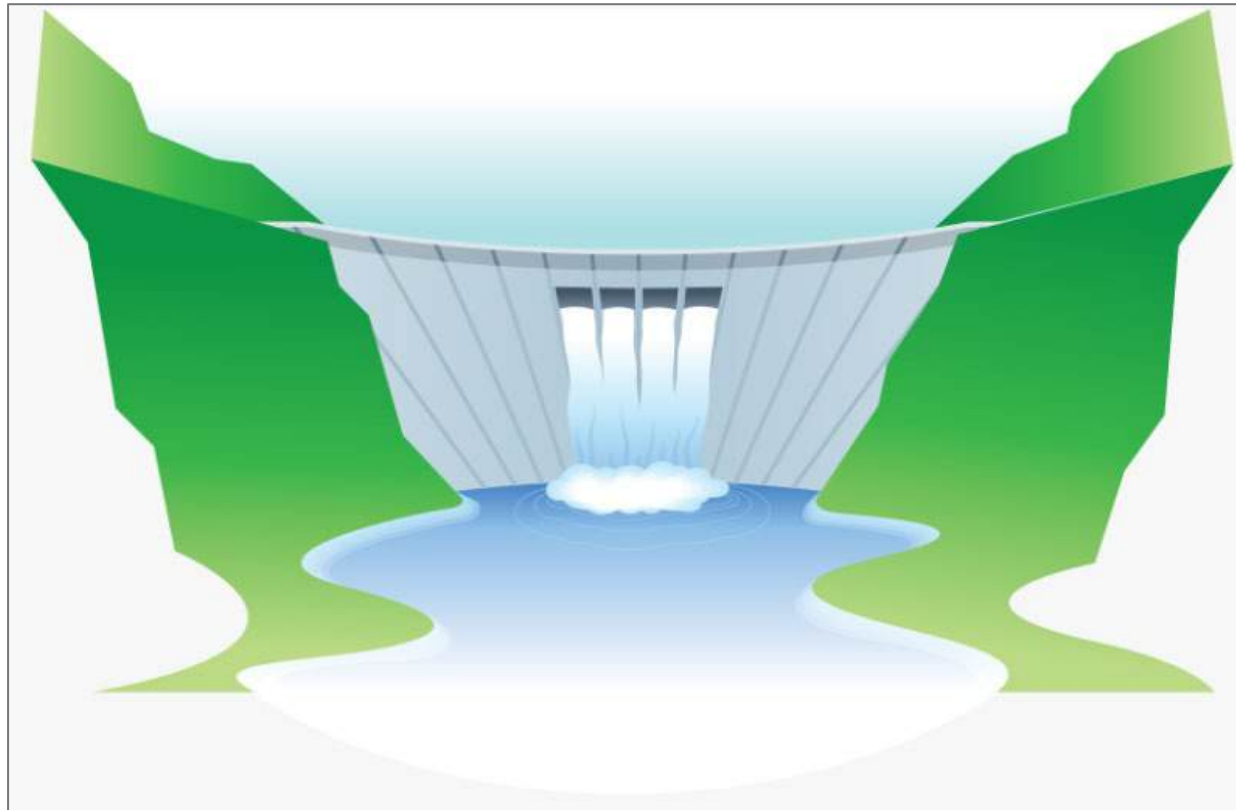
74

- 10 High Hazard
- 40 Significant Hazard
- 24 Low Hazard

## Impacts

- Dam failure can cut evacuation routes, limit emergency access, and/or create isolation issues.
- Severe flooding that follows a dam failure can cause extensive structural damage and withhold essential services.
- The environmental impacts of a dam failure can include significant water-quality and debris-disposal issues or severe erosion that can impact local ecosystems.

## Dam Graphic



## Notable Occurrence



On July 12-13, 2004, the Townships of Lumberton and Medford experienced major flooding due to heavy rainfall. Property damage from the flood was estimated at \$50 million. The flooding led to the evacuation of about 760 residents, the complete destruction of seven homes, major flood damage to approximately 200 homes, flood damage to approximately 1,000 homes, the closing of 25 major roads.

# Disease Outbreak

Disease outbreaks can impact the entirety of Burlington County. Emerging diseases are difficult to contain or treat and present significant challenges to risk communication since the mechanics of transmission, laboratory identification, and effective treatment protocols may be unknown.


Population Exposed

461,860

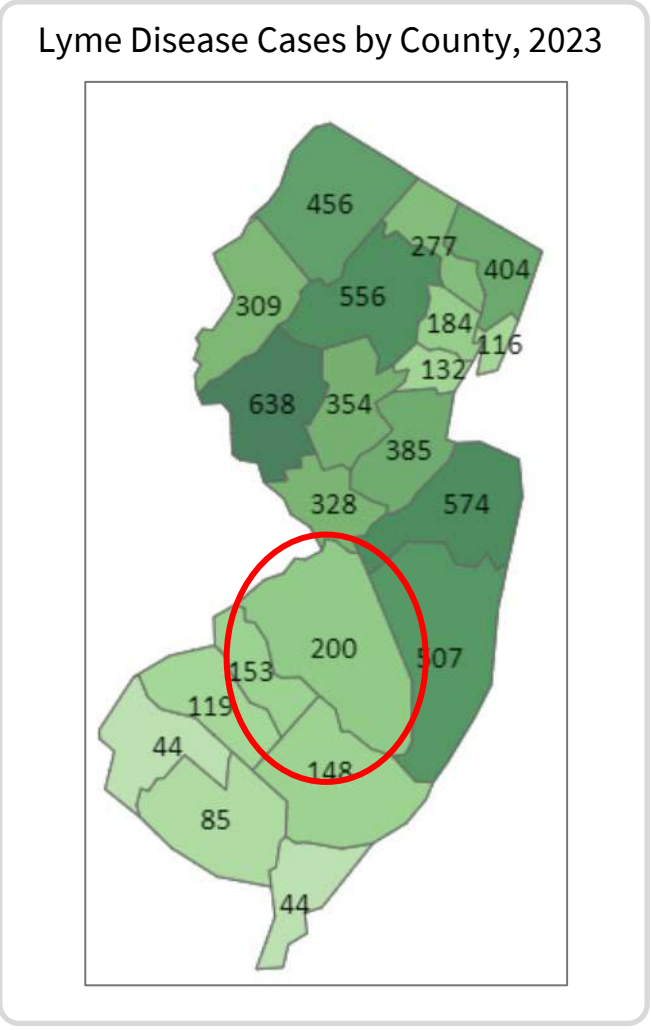
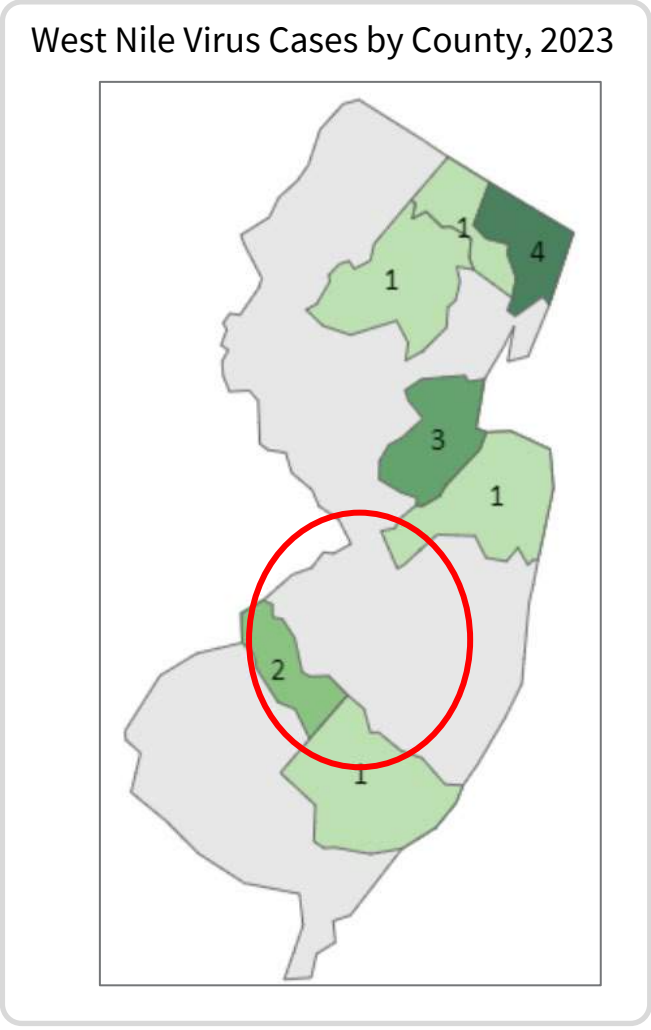
(100%)

The entire County is susceptible

Notable Occurrences



- In 2019, there were 236 confirmed cases of Lyme Disease.
- In 2020, there were 847 confirmed cases of Influenza.
- Since 2020, Burlington County reported 117,710 positive cases of COVID-19 and 681 deaths.



Hazard Types

- Influenza
- West Nile Virus
- Lyme Disease
- Coronavirus

# Drought

Droughts can affect Burlington County's industries and make day to day tasks more difficult to complete when water usage must be monitored.

Population Exposed

461,860

(100%)

The entire County is susceptible

USDA Declarations

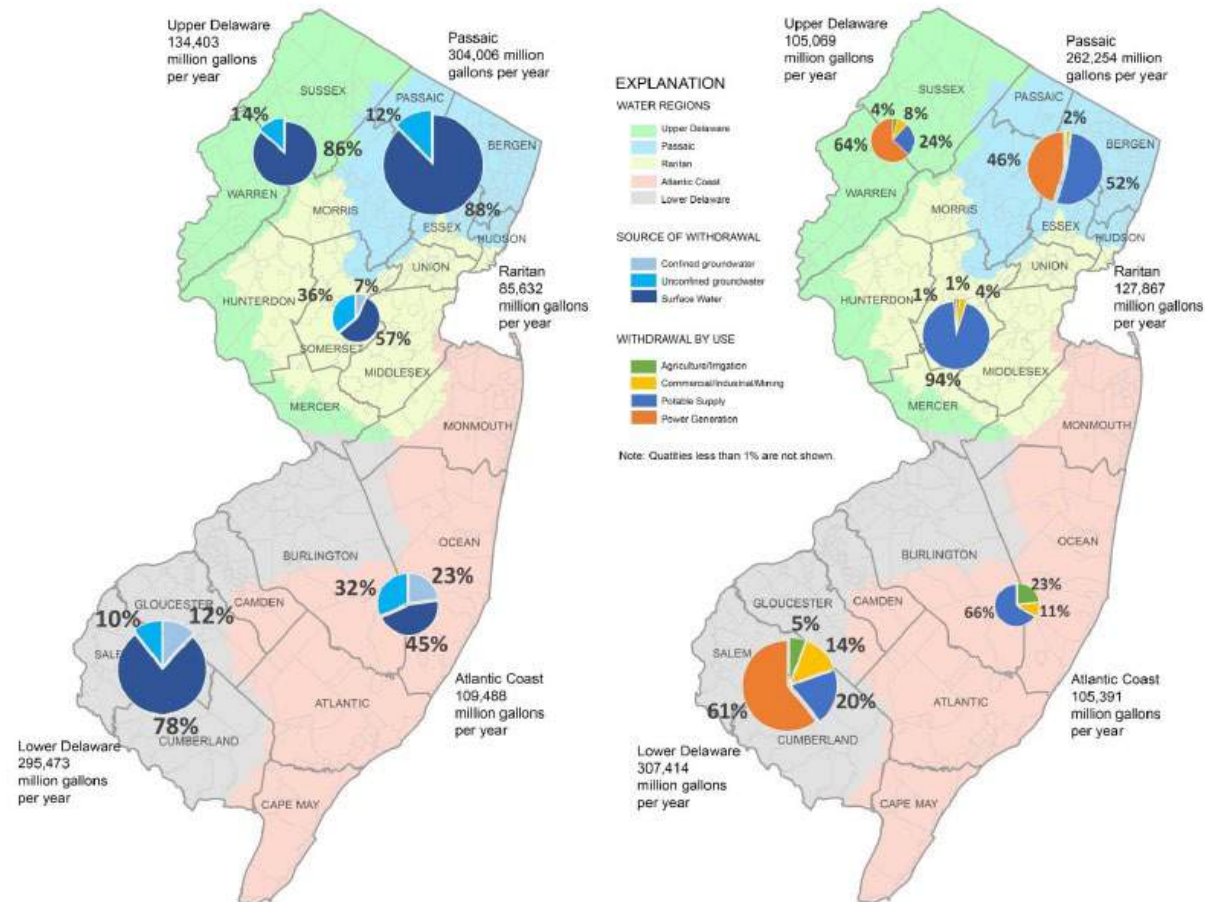
3

- 3 Drought declarations

Climate Change Impacts

It is anticipated that droughts lasting 3 to 6 months and longer may slightly increase in frequency under a low emissions scenario and will significantly increase under a high emissions scenario.

Water Regions, Sources and Withdrawal by Sector in New Jersey



Hazard Types



Meteorological



Hydrological



Agricultural



Socioeconomic



# Earthquake



Earthquakes in Burlington County are a low-probability and high-consequence event. An earthquake can have devastating impacts on the County. Ground shaking can lead to the collapse of buildings and bridges and disrupt gas lines, electricity, and phone service.

Population Exposed

**461,860**  
(100%)

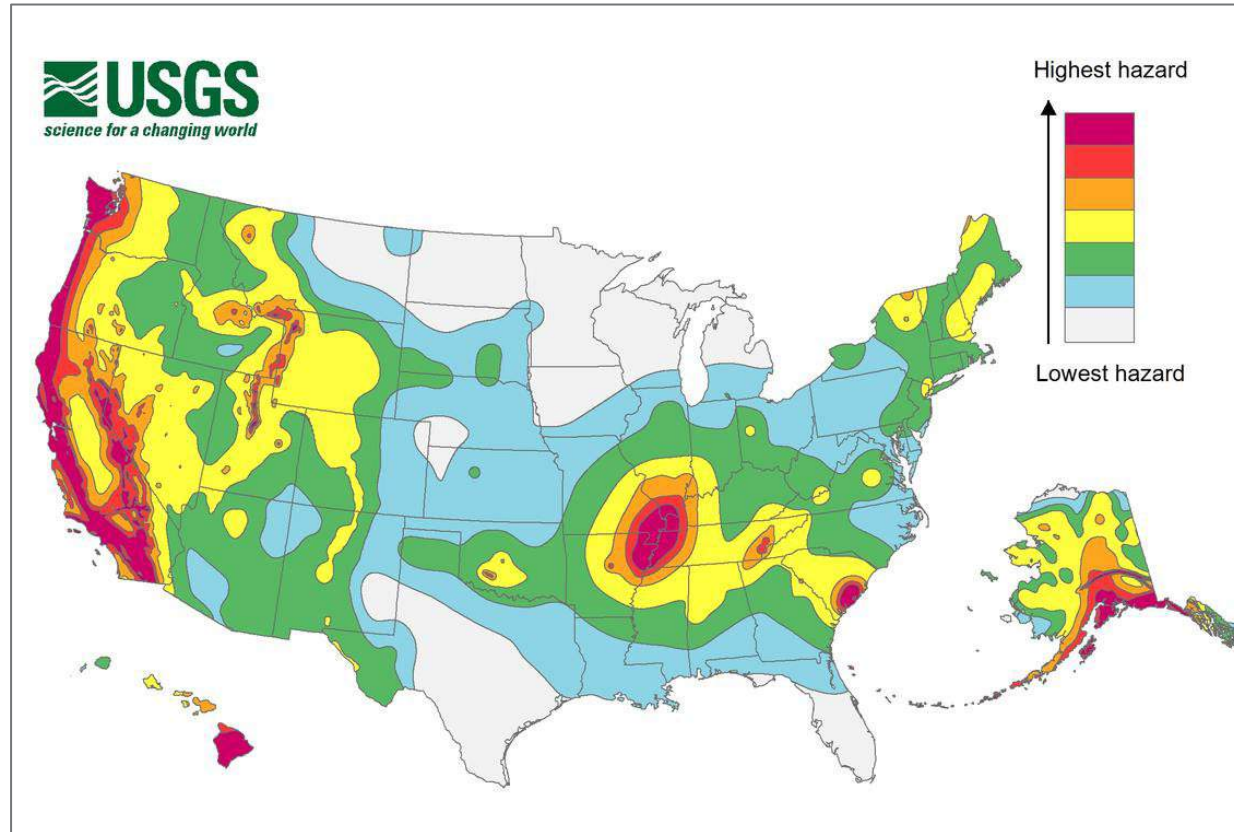
The entire County is susceptible

Notable Occurrences



Small earthquakes may occur several times a year and generally do not cause significant damage. The strongest earthquake with an epicenter in Burlington County was a 3.0 quake in Medford Lakes in 1980.

Location



Hazard Types

- Surface Faulting
- Ground Motion
- Liquefaction
- Tectonic Deformation
- Seiche

# Extreme Temperatures

Extreme temperature includes both heat and cold events, which affects the entire County including, human health and commercial/agricultural businesses. Extreme temperature events can have primary and secondary effects on infrastructure.

Population Exposed

**461,860**

(100%)

The entire County is susceptible

USDA Declarations

**2**

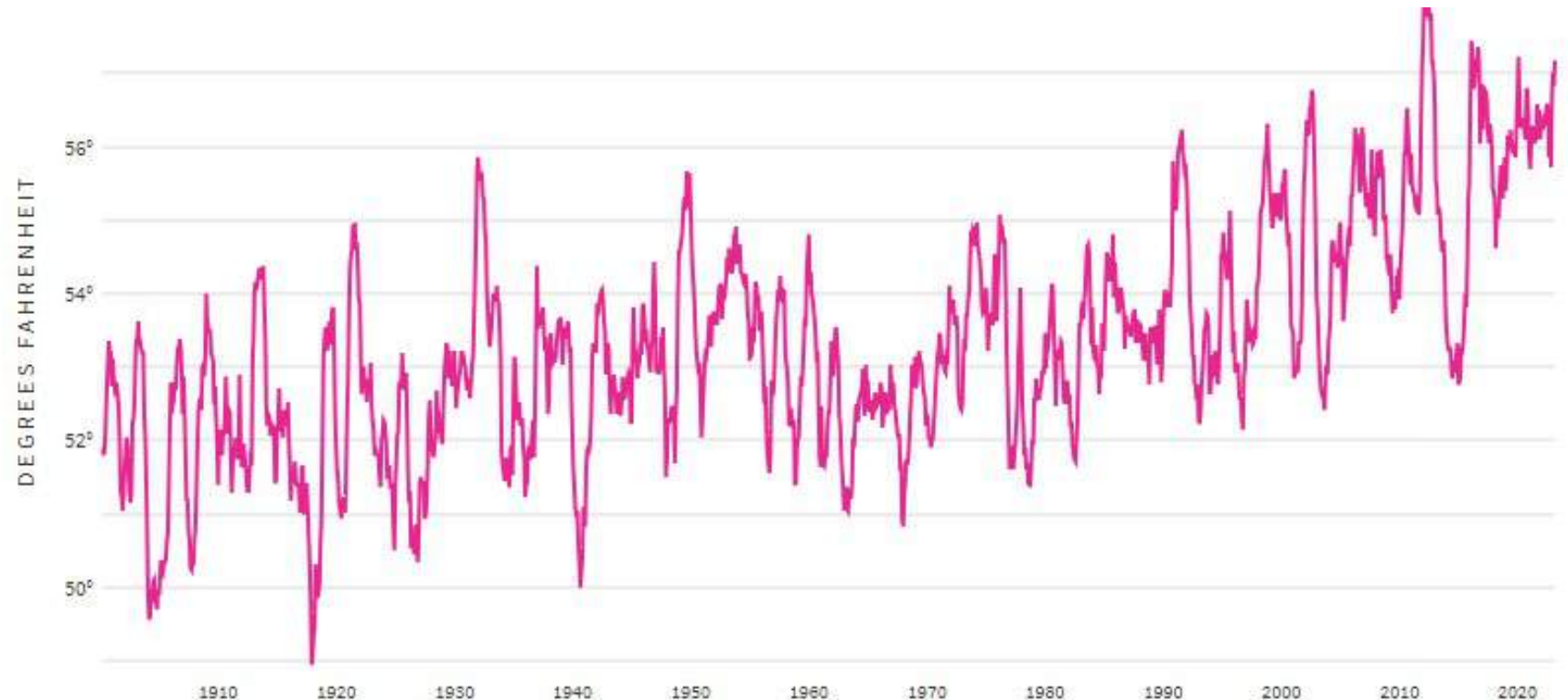
- 2 Excessive Heat declarations

Climate Change Impacts

New Jersey has experienced a 3.5° F (1.9° C) increase in the State's average temperature. By 2050, temperatures in New Jersey are expected to increase by 4.1 to 5.7° F.



12-Month Temperature Averages in Burlington County



# Flood

Floods are one of the most frequent and costly natural hazards in Burlington County in terms of human hardship and economic loss, particularly to communities that lie within flood prone areas or floodplains.

## Population Exposed

**14,583**  
(3.2%)

In 1% Annual Chance Flood Area

**25,026**  
(5.4%)

In 0.2% Annual Chance Flood Area

## Number of Buildings Exposed

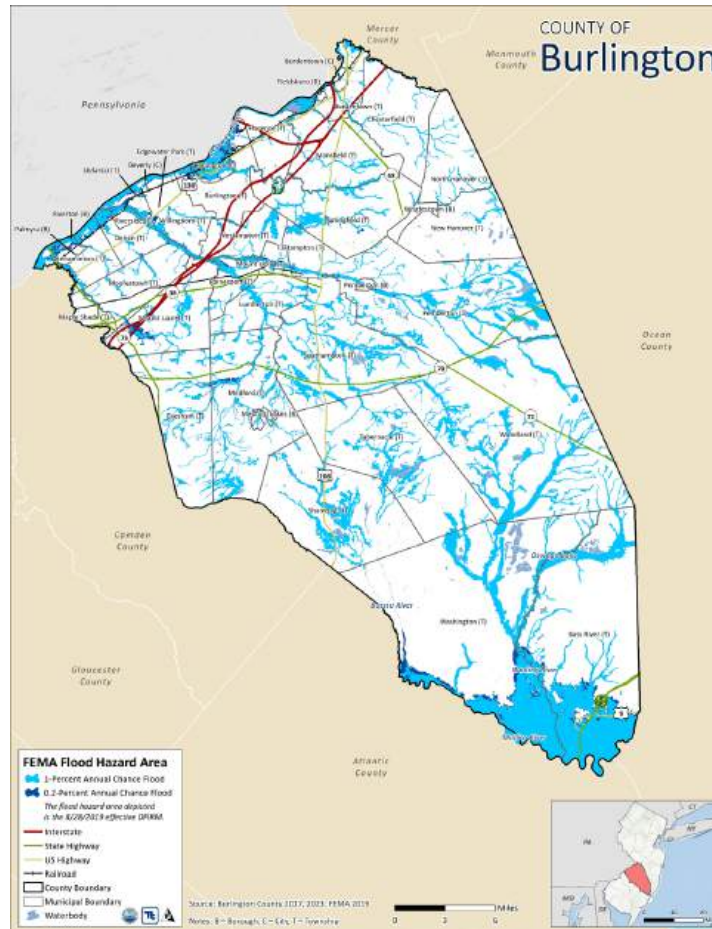
**5,163**

In 1% Annual Chance Flood Area

**8,739**

In 0.2% Annual Chance Flood Area

## Location



## Flood Building Replacement Cost Value

**\$9,333,016,825**

In 1% Annual Chance Flood Area

**\$14,060,945,896**

In 0.2% Annual Chance Flood Area



## Land Exposed to Flood Hazard

**72,903**  
(14.6%)

## Sea Level Rise Impacts

### 1-Foot Hazard Area

- 225 Persons Located in Hazard Area
- 90 Buildings Located in Hazard Area

### 3-Foot Hazard Area

- 677 Persons Located in Hazard Area
- 272 Buildings Located in Hazard Area

## Hazard Types



Riverine / Inland



Flash Flood



Urban / Stormwater



Coastal



Ice Jam



Erosion



Sea Level Rise



# Severe Weather

Severe weather can occur anywhere in the County at any time and have the potential to be life-threatening. It is critical for the community to prepare and be aware of forecasts in their local jurisdictions.

Population Exposed

461,860

(100%)

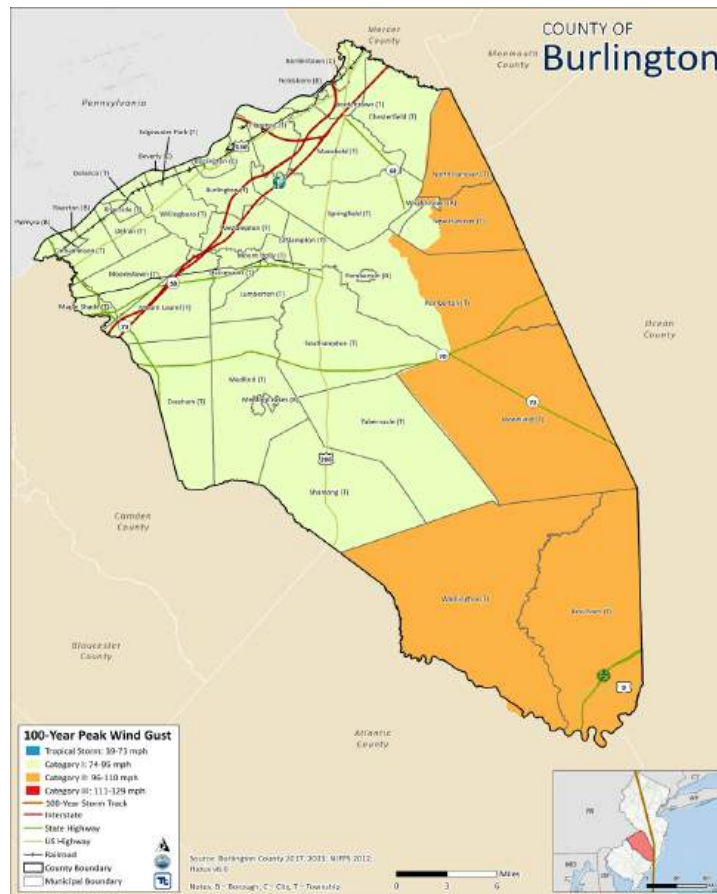
The entire County is susceptible

Notable Occurrences



The remnants of Hurricane Ida resulted in widespread thunderstorms. An EF-1 tornado formed in Burlington Township, near Edgewater Park. Extensive tree damage was reported. Power outages occurred due to damages to powerlines.

Location



Potential Impacts

- Essential Services Interruptions Power Outages
- Traffic Accidents
- Downed Trees
- Property Damage
- Personal Injury / Loss of Life

Climate Change Impacts

New Jersey has experienced a 3.5° F (1.9° C) increase in the State's average temperature. By 2050, temperatures in New Jersey are expected to increase by 4.1 to 5.7° F. Increases will be more conducive to increased frequency and intensity of severe storms (e.g., thunderstorms, tornadoes).



Hazard Types



High Wind



Tornado



Thunderstorm and Lightning



Hailstorms



Hurricanes and Tropical Storms

# Severe Winter Weather

Severe winter weather can occur anywhere in the County and have the potential to be life-threatening. It is critical for the community to prepare and be aware of forecasts in their local jurisdictions.

Population Exposed

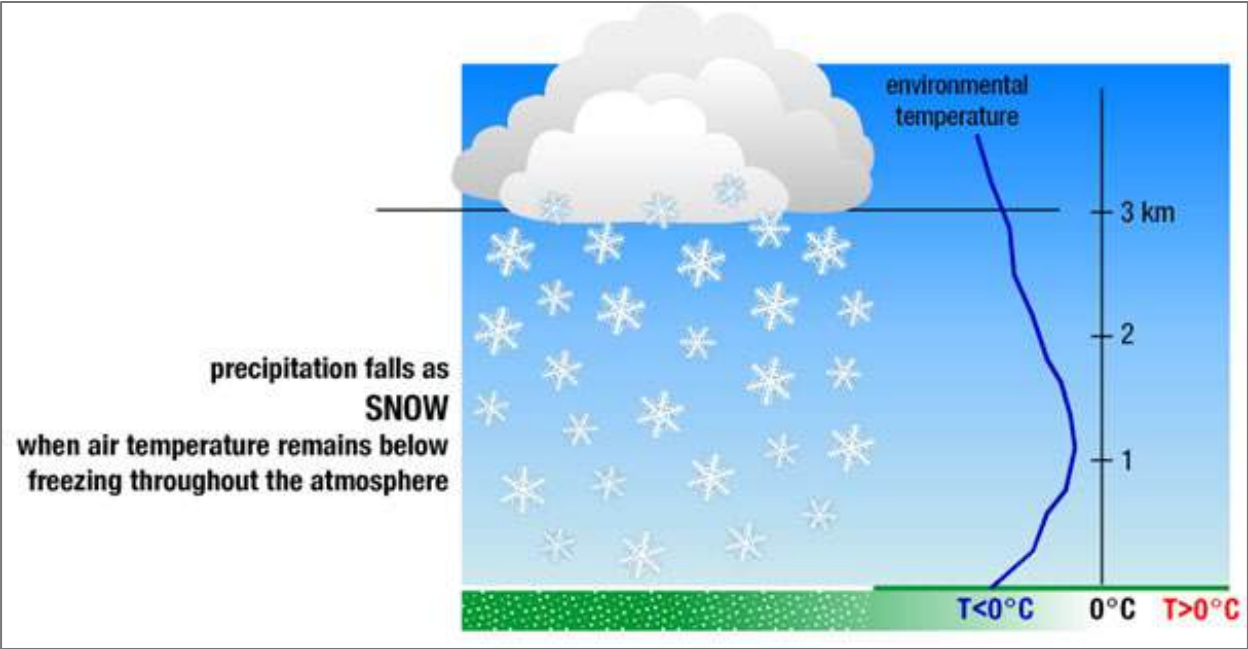
461,860  
(100%)

The entire County is susceptible

Hazard Types

- Heavy Snow
- Blizzard
- Sleet
- Ice Storm
- Nor’easter

Formation of Snow



Notable Occurrences



The Blizzard of 1996 dropped roughly 30 inches of snow in parts of Burlington County on January 7, 1996. Property damage was in the millions and the storm resulted in one death.

# Wildfire

Wildfire events in Burlington County typically occur toward the forested southeastern portions of the County in the Pinelands. Wildfires can have impacts on critical services, utilities, and properties, and may cause injury.

Population Exposed

6,406

(1.4%)

Of the County is susceptible

Building Replacement Cost Value

\$4,963,331,009

In Extreme, Very High, or High  
Wildfire Fuel Risk Hazard Area

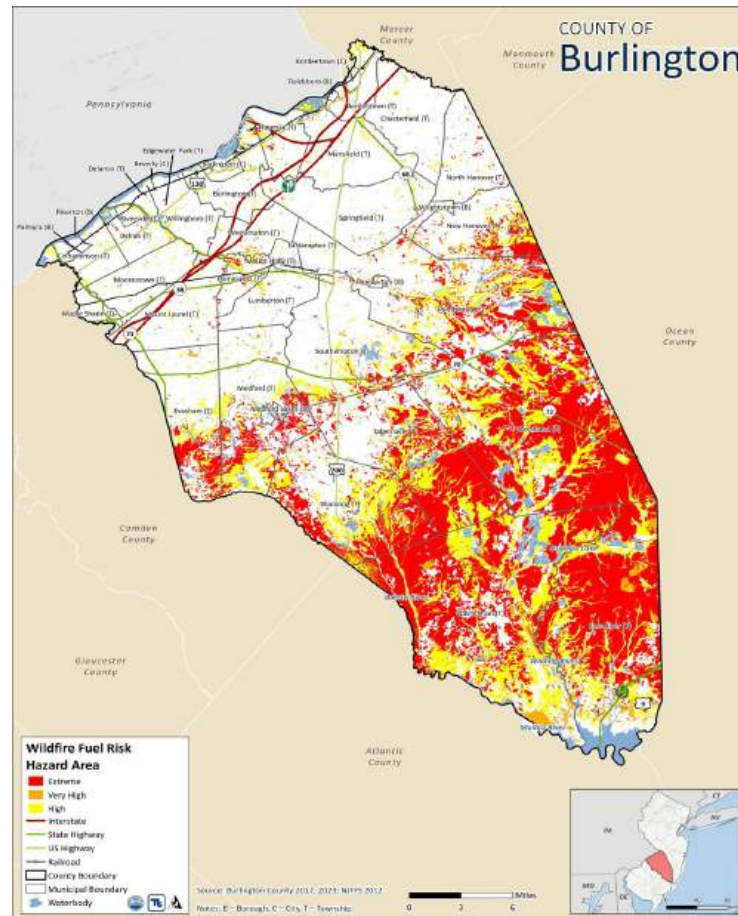
Number of Buildings Exposed

2,140

(1.4%)

In Extreme, Very High, or High  
Wildfire Fuel Risk Hazard Area

Location



Notable Occurrences



On June 19-21, 2022 a wildfire was detected in a remote section of the Wharton State Forest in Mullica Twp. Unseasonably dry, windy conditions, combined with difficulty in accessing the initial fire location, led to rapid fire spread. When the fire was fully contained an estimated 14,983 acres had burned. This made it the largest wildfire in New Jersey since 2007.

Climate Change Impacts

Burlington County can expect warmer and drier conditions which may increase the frequency and intensity of wildfires. Higher temperatures are expected to increase the amount of moisture that evaporates from land and water. These changes have the potential to lead to more frequent and severe droughts, which, in turn, increases the likelihood of wildfires.





# Hazard Rankings

Review the calculated hazard rankings and provide your feedback.

# Preliminary Hazard Ranking Methodology

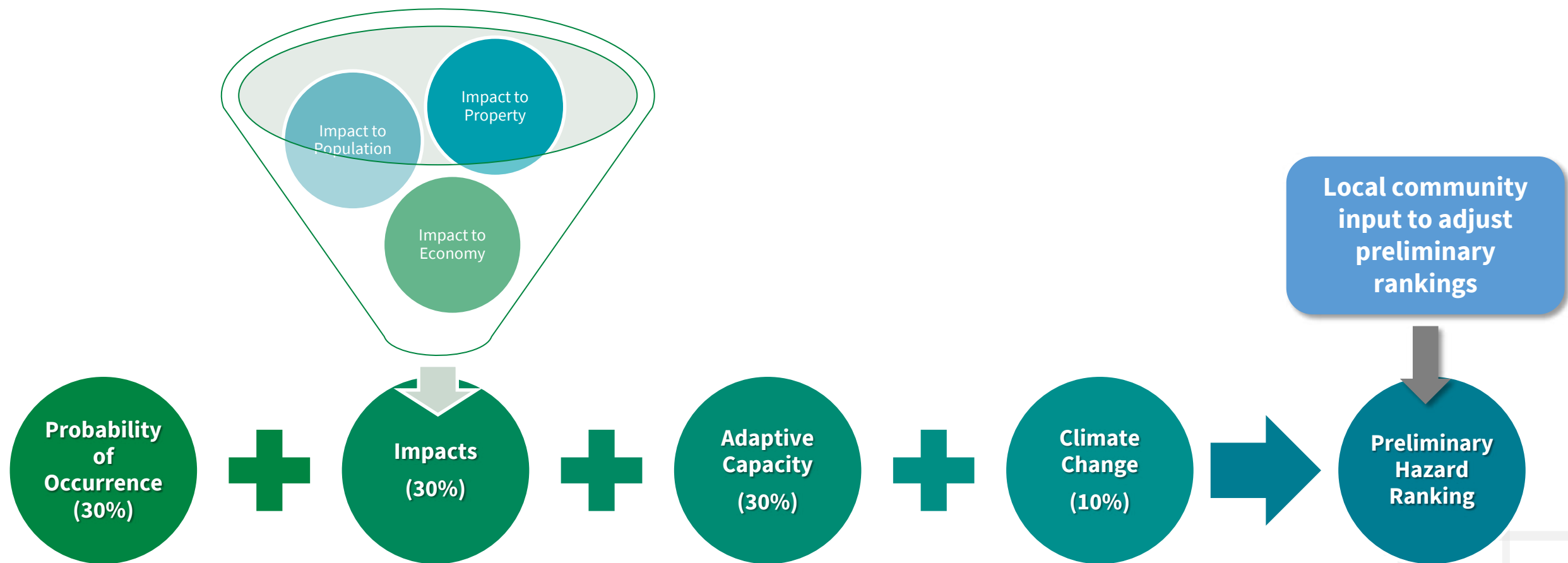


- The calculated probability of a hazard occurring based on historical data
- *Impacts to people, property, and the economy* based on GIS data and analysis of exposure.
- The degree to which climate change will affect future occurrences based on best available data.
- The degree to which existing capabilities (the ability of your community to respond to the hazard based on ordinances, mitigation strategies and procedures, and readiness) decrease overall risk.





# Preliminary Hazard Ranking Formula







# Preliminary Risk Ranking (County)

## High

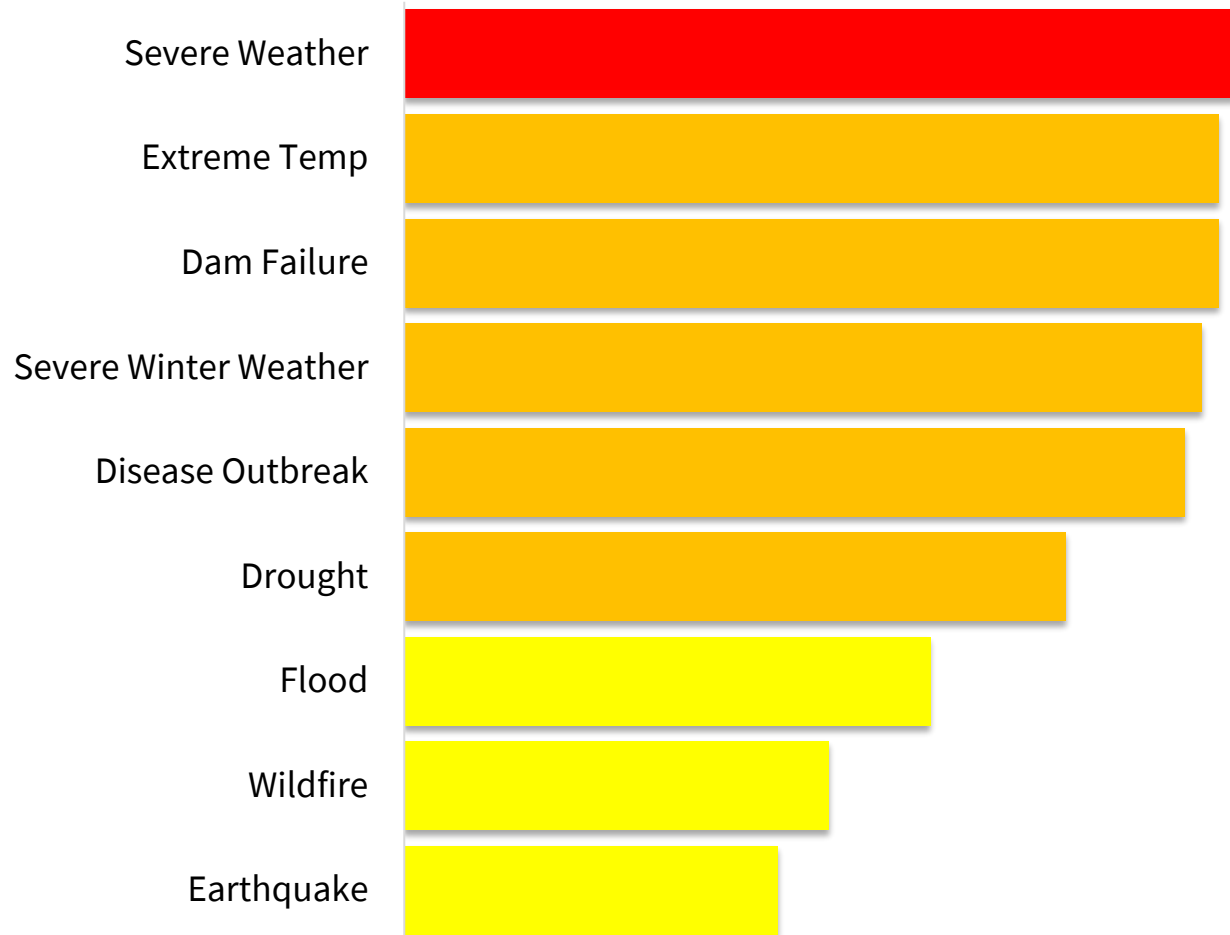
- Severe Weather

## Medium

- Extreme Temperature
- Dam Failure
- Severe Winter Weather
- Disease Outbreak
- Drought

## Low

- Flood
- Wildfire
- Earthquake





## **STRENGTHS, WEAKNESSES, OBSTACLES, AND OPPORTUNITIES (SWOO)**

# Strengths, Weaknesses, Obstacles, and Opportunities (SWOO)



- The purpose of the SWOO is to identify mitigation strategies and capabilities that will meet the goals and objectives for the Burlington County HMP. The results will be used to develop a catalog of potential mitigation actions for use by the County and all jurisdictions. Look at the following for each hazard of concern:
  - Strengths – what the County and communities do well; things upon which we can capitalize;
  - Weaknesses – what can be done better; what can be strengthened;
  - Obstacles – what stands in the way to implementation to prevent mitigation or response (for example regulatory, geographical, environmental, financial issues); and
  - Opportunities - actions or projects to mitigate issues or improve resilience.
- Return this sheet to Chris Huch ([chris.huch@tetrattech.com](mailto:chris.huch@tetrattech.com)) at Tetra Tech by the end of this week.



Hazard Mitigation Plan 2024 Update  
Burlington County, New Jersey  
Risk Assessment

## STRENGTHS, WEAKNESSES, OBSTACLES, AND OPPORTUNITIES (SWOO)

The purpose of the SWOO is to identify mitigation strategies and capabilities that will meet the goals and objectives for the Burlington County Hazard Mitigation Plan. The results will be used to develop a catalog of potential mitigation actions for use by the County and all jurisdictions. The opportunities developed from this process will serve as the basis for our catalog of potential mitigation alternatives. The alternatives will address our risks, meet our planning goals, and fall within our capabilities. We need to look at the following for each hazard of concern:

- **Strengths** – what the County and communities do well; things upon which we can capitalize;
- **Weaknesses** – what can be done better; what can be strengthened;
- **Obstacles** – what stands in the way to implementation to prevent mitigation or response (for example regulatory, geographical, environmental, financial issues); and
- **Opportunities** - actions or projects to mitigate issues or improve resilience.

| Dam Failure   |
|---------------|
| Strengths     |
| Weaknesses    |
| Obstacles     |
| Opportunities |

Use the results of this worksheet to assist with the development of your updated mitigation strategy.

Return this worksheet to Tetra Tech staff at the end of the Mitigation Strategy Workshop.

PAGE | 7





# Questions?



# Next Steps

- Share information about the HMP Update via social media, community groups, and networks
- Attend the Risk Assessment and Mitigation Strategy Workshop on Monday, October 30 @ 9:00 a.m. at the
  - Burlington County Emergency Services Training Center (ESTC)  
53 Academy Road, Westampton, New Jersey 08060
- Attend the Public Risk Assessment Meeting on Thursday, November 9 @ 7:00 p.m. via Teams: <https://msteams.link/4H0W>



## Burlington County Project Contact

Kristen Carr, Office of Emergency Management  
(609) 738-5139 | [KrCarr@co.burlington.nj.us](mailto:KrCarr@co.burlington.nj.us)

## Tetra Tech Project Manager

Chris Huch, CFM  
(973) 630-8357 | [chris.huch@tetrattech.com](mailto:chris.huch@tetrattech.com)

## Tetra Tech Lead Planner

Jessica Stokes, MSEM, NJCEM  
(973) 630-8017 | [jessica.stokes@tetrattech.com](mailto:jessica.stokes@tetrattech.com)

A blue trail sign for the Rancocas Creek Greenway in Burlington County. The sign features a silhouette of a person walking and lists trail rules. Below the rules, it shows distances to 'Amica Island' (1.0) and 'Pennington Loop' (0.5).

Thank  
You!





**BURLINGTON COUNTY HAZARD MITIGATION PLAN UPDATE**  
**Planning Partnership #2 – AGENDA**  
**MEETING DATE/TIME: October 30, 2023 – 09:00 am – 10:00 am**



**In-Person Meeting**  
**Burlington County Emergency Services Training Center**  
**53 Academy Road, Westampton, New Jersey 08060**

- 1. Opening Remarks**
- 2. Project Status** - where we are in the process, public outreach
- 3. Risk Assessment Overview**
  - **Results of risk assessment for each hazard**
  - **Hazards of concern risk ranking**
  - **How will this information be used in the HMP?**
- 4. SWOO**
- 5. Feedback and Input**
- 6. Next Steps**
- 7. Questions**
- 8. Break**

**Burlington County Project Contacts**

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Burlington County OEM  
(609) 738-5139 | [krcarr@co.burlington.nj.us](mailto:krcarr@co.burlington.nj.us)

**Tetra Tech Project Contacts**

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**Burlington County, NJ – Hazard Mitigation Plan 2024 Update**  
**Planning Partnership Risk Assessment Meeting | Meeting Minutes**



| <b>Purpose of Meeting:</b>  | Planning Partnership Risk Assessment Meeting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                 |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Location of Meeting:</b> | Burlington County Emergency Services Training Center<br>(53 Academy Road, Westampton, New Jersey 08060)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                 |
| <b>Date of Meeting:</b>     | October 30, 2023 @ 9:00 A.M.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                 |
| <b>Attendees:</b>           | <div> <ul style="list-style-type: none"> <li>• <b>Burlington County</b> <ul style="list-style-type: none"> <li>○ Kristen Carr, OEM Deputy Coordinator</li> <li>○ Darryl Williams, OEM Coordinator</li> <li>○ Madison Hoff, Assistant Planner</li> </ul> </li> <li>• <b>Beverly (C)</b> <ul style="list-style-type: none"> <li>○ Kevin J. Richards, OEM Coordinator</li> </ul> </li> <li>• <b>Bordentown (C)</b> <ul style="list-style-type: none"> <li>○ Brian Maugeri Sr., OEM Deputy Coordinator</li> </ul> </li> <li>• <b>Burlington (C)</b> <ul style="list-style-type: none"> <li>○ Frank S. Caruso, OEM Coordinator</li> <li>○ Kenneth Shine, City Engineer</li> </ul> </li> <li>• <b>Burlington (Twp)</b> <ul style="list-style-type: none"> <li>○ Scott Hatfield, Township Engineer</li> </ul> </li> <li>• <b>Chesterfield (Twp)</b> <ul style="list-style-type: none"> <li>○ Michael Davison, OEM Deputy Coordinator</li> </ul> </li> <li>• <b>Delanco (Twp)</b> <ul style="list-style-type: none"> <li>○ Beverly Russell, Municipal Clerk</li> </ul> </li> <li>• <b>Delran (Twp)</b> <ul style="list-style-type: none"> <li>○ Joseph Cunningham Jr., OEM Coordinator</li> </ul> </li> <li>• <b>Eastampton (Twp)</b> <ul style="list-style-type: none"> <li>○ Bob Carr, OEM Coordinator</li> </ul> </li> <li>• <b>Edgewater Park (Twp)</b> <ul style="list-style-type: none"> <li>○ Brett Evans, Police Chief</li> </ul> </li> <li>• <b>Evesham (Twp)</b> <ul style="list-style-type: none"> <li>○ Eamonn Fitzpatrick-Ruth, OEM Coordinator</li> </ul> </li> <li>• <b>Florence (Twp)</b> <ul style="list-style-type: none"> <li>○ Philip Drangula, OEM Coordinator</li> <li>○ Albert Jacoby, OEM Deputy Coordinator</li> </ul> </li> <li>• <b>Lumberton (Twp)</b> <ul style="list-style-type: none"> <li>○ Ryan Engle, OEM Deputy Coordinator</li> </ul> </li> <li>• <b>Medford (Twp)</b> <ul style="list-style-type: none"> <li>○ Robert Dovi, OEM Coordinator</li> <li>○ Ryan Hofmann, OEM Deputy Coordinator</li> </ul> </li> </ul> </div> <div> <ul style="list-style-type: none"> <li>• <b>Moorestown (Twp)</b> <ul style="list-style-type: none"> <li>○ Kevin Abernant, Township Manager</li> </ul> </li> <li>• <b>Mt. Holly (Twp)</b> <ul style="list-style-type: none"> <li>○ Glynn Eckart, OEM Coordinator</li> <li>○ Paul Hardifer, Construction Official</li> </ul> </li> <li>• <b>Mt. Laurel (Twp)</b> <ul style="list-style-type: none"> <li>○ Jay Appleton, OEM Coordinator</li> </ul> </li> <li>• <b>New Hanover (Twp)</b> <ul style="list-style-type: none"> <li>○ Kyle Tuliano, Police Chief</li> </ul> </li> <li>• <b>Palmyra (B)</b> <ul style="list-style-type: none"> <li>○ Ronald Lindemuth, OEM Coordinator</li> </ul> </li> <li>• <b>Pemberton (Twp)</b> <ul style="list-style-type: none"> <li>○ Craig L. Augustoni, OEM Coordinator</li> </ul> </li> <li>• <b>Riverton (B)</b> <ul style="list-style-type: none"> <li>○ Andrew Beuschel, OEM Coordinator</li> </ul> </li> <li>• <b>Shamong (Twp)</b> <ul style="list-style-type: none"> <li>○ John Lyons, OEM Coordinator</li> </ul> </li> <li>• <b>Southampton (Twp)</b> <ul style="list-style-type: none"> <li>○ Eamonn Fitzpatrick-Ruth, OEM Coordinator</li> </ul> </li> <li>• <b>Woodland (Twp)</b> <ul style="list-style-type: none"> <li>○ Michael Huber, OEM Coordinator</li> </ul> </li> <li>• <b>Wrightstown (B)</b> <ul style="list-style-type: none"> <li>○ James Ingling, OEM Deputy Coordinator</li> </ul> </li> <li>• <b>Tetra Tech</b> <ul style="list-style-type: none"> <li>○ Chris Huch, Project Manager</li> <li>○ Jessica Stokes, Lead Planner</li> <li>○ Heather Apgar, Planner</li> </ul> </li> <li>• <b>FEMA Region 2</b> <ul style="list-style-type: none"> <li>○ Meghan Wren, FEMA Region 2 Community Planner, Resilience Branch</li> </ul> </li> </ul> </div> |                                                                                                                                                                                                                 |
| <b>Agenda Summary:</b>      | The purpose of the meeting was to 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 to the Planning Partnership.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                 |
| Item No.                    | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Action item(s):                                                                                                                                                                                                 |
| 1                           | Introductions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                                                                                                                                                                                               |
| 2                           | <b>Project Status</b> <ul style="list-style-type: none"> <li>• On schedule <ul style="list-style-type: none"> <li>○ Risk Assessment – October 2023</li> <li>○ Identify Actions – September-November 2023</li> <li>○ Finalize Plan Maintenance – December 2023</li> <li>○ Draft Plan – January 2024</li> <li>○ Draft to NJOEM – February 2024</li> <li>○ Draft to FEMA – March 2024</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Planning Partnership</b> <ul style="list-style-type: none"> <li>• Post links on social media and department/agency websites</li> <li>• Make efforts to reach out to general public, stakeholders,</li> </ul> |

**Burlington County, NJ – Hazard Mitigation Plan 2024 Update**  
**Planning Partnership Risk Assessment Meeting | Meeting Minutes**



|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
|   | <ul style="list-style-type: none"> <li>Remaining LOIPs <ul style="list-style-type: none"> <li>Bass River (Twp)</li> <li>Delran (Twp)</li> <li>Fieldsboro (B)</li> <li>Maple Shade (Twp)</li> <li>Westampton (Twp)</li> <li>Willingboro (Twp)</li> <li>Woodland (Twp)</li> </ul> </li> <li>Public Outreach and Engagement <ul style="list-style-type: none"> <li>Post links on social media and department/agency websites</li> <li>Stakeholder and neighboring municipalities surveys have been distributed</li> <li>Make efforts to reach out to: <ul style="list-style-type: none"> <li>General Public</li> <li>Stakeholders</li> <li>Neighbors</li> </ul> </li> </ul> </li> <li>Socially Vulnerable Populations</li> </ul>                                                                                                                               | neighbors, and socially vulnerable populations |
| 3 | <b>Risk Assessment Overview</b> <ul style="list-style-type: none"> <li>Risk is defined as a function of : <ul style="list-style-type: none"> <li>Hazard <ul style="list-style-type: none"> <li>Source of potential danger or adverse condition</li> </ul> </li> <li>Exposure <ul style="list-style-type: none"> <li>Manmade or natural features that are exposed to the hazard</li> </ul> </li> <li>Vulnerability <ul style="list-style-type: none"> <li>Damage susceptibility of the exposed features</li> </ul> </li> <li>Adaptive Capacity (or capability) <ul style="list-style-type: none"> <li>Plans/policies</li> <li>Response/recovery</li> </ul> </li> </ul> </li> <li>Financial resources</li> </ul>                                                                                                                                              | -                                              |
| 4 | <b>Risk Assessment Results</b> <ul style="list-style-type: none"> <li>Provided an overview of the results from the risk assessment for each hazard. Results were a combination of qualitative and quantitative data.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                              |
| 5 | <b>Hazard Rankings</b> <ul style="list-style-type: none"> <li>The calculated probability of a hazard occurring based on historical data</li> <li><i>Impacts to <u>people</u>, <u>property</u>, and the <u>economy</u></i> based on GIS data and analysis of exposure.</li> <li>The degree to which <u>climate change</u> will affect future occurrences based on best available data.</li> <li>The degree to which existing <u>capabilities</u> (the ability of your community to respond to the hazard based on ordinances, mitigation strategies and procedures, and readiness) decrease overall risk.</li> <li>Ranking: <ul style="list-style-type: none"> <li>High: Severe Weather</li> <li>Medium: Extreme Temperature, Dam Failure, Severe Winter Weather, Disease Outbreak, Drought</li> <li>Low: Flood, Wildfire, Earthquake</li> </ul> </li> </ul> | -                                              |
| 6 | <b>Strengths, Weaknesses, Obstacles, and Opportunities (SWOO)</b> <ul style="list-style-type: none"> <li>Strengths – what the County and communities do well; things upon which we can capitalize.</li> <li>Weaknesses – what can be done better; what can be strengthened.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                              |



**Burlington County, NJ – Hazard Mitigation Plan 2024 Update**  
**Planning Partnership Risk Assessment Meeting | Meeting Minutes**



|   |                                                                                                                                                                                                                                                                                                                                     |   |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|   | <ul style="list-style-type: none"> <li>• Obstacles – what stands in the way to implementation to prevent mitigation or response (for example regulatory, geographical, environmental, financial issues).</li> <li>• Opportunities - actions or projects to mitigate issues or improve resilience.</li> </ul>                        |   |
| 7 | <b>Next Steps</b> <ul style="list-style-type: none"> <li>• Share information about the HMP Update via social media, community groups, and networks</li> <li>• Attend the Public Risk Assessment Meeting on Thursday, November 9 @ 7:00 p.m. via Teams: <a href="https://msteams.link/4H0W">https://msteams.link/4H0W</a></li> </ul> | - |
| 8 | <b>Questions/Discussion</b>                                                                                                                                                                                                                                                                                                         | - |



# Burlington County Multi-Jurisdictional Hazard Mitigation Plan 2024 Update

**Planning Partnership Risk Assessment Meeting**

October 30, 2023

While waiting for the meeting to start, please enter your information on the Sign-In Sheet.





# Today's Agenda

1. Welcome and Introductions
2. Project Status
3. Risk Assessment Overview
4. Hazard Ranking
5. SWOO
6. Questions/Wrap Up

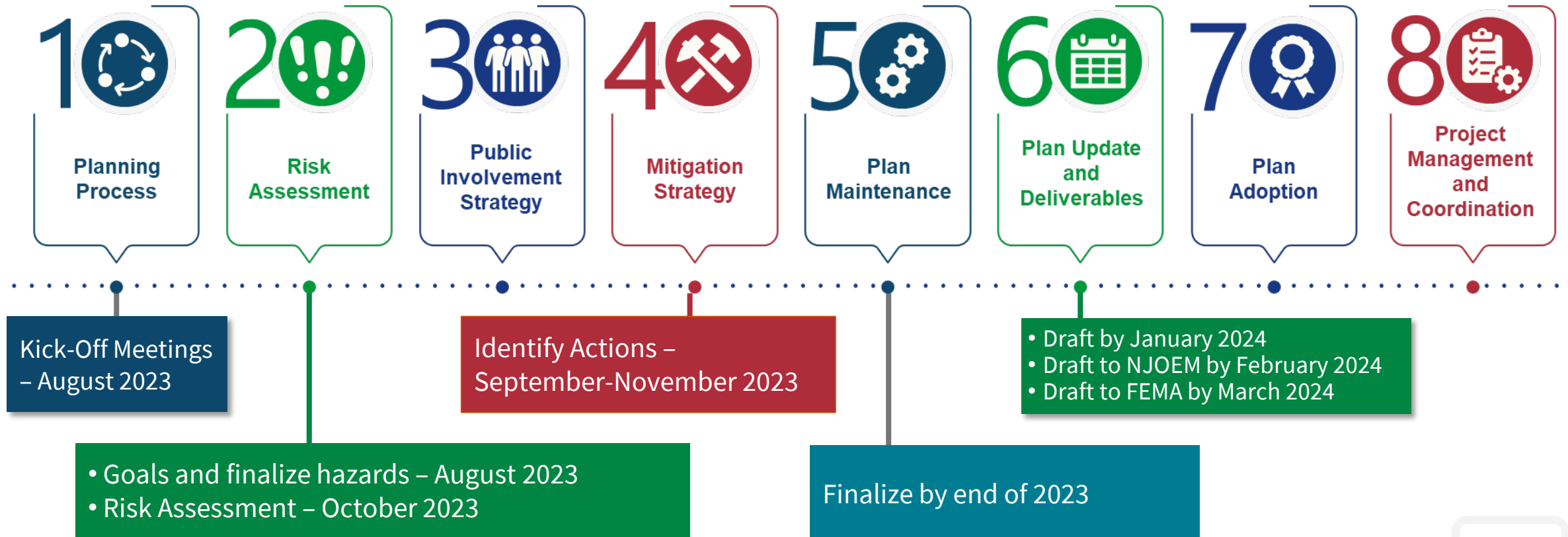






# Project Status

# Schedule





# Municipal Participation Status

- To date, we have received Letters of Intent to Participate (LOIP) from all but seven municipalities.

| Status (10/20/2023) |                | Status (10/20/2023)  |                | Status (10/20/2023) |                | Status (10/20/2023) |                |
|---------------------|----------------|----------------------|----------------|---------------------|----------------|---------------------|----------------|
| Municipality        | LOIP Received? | Municipality         | LOIP Received? | Municipality        | LOIP Received? | Municipality        | LOIP Received? |
| Bass River (Twp)    |                | Eastampton (Twp)     | X              | Medford Lakes (B)   | X              | Riverton (B)        | X              |
| Beverly (C)         | X              | Edgewater Park (Twp) | X              | Moorestown (Twp)    | X              | Shamong (Twp)       | X              |
| Bordentown (C)      | X              | Evesham (Twp)        | X              | Mt. Holly (Twp)     | X              | Southampton (Twp)   | X              |
| Bordentown (Twp)    | X              | Fieldsboro (B)       |                | Mt. Laurel (Twp)    | X              | Springfield (Twp)   | X              |
| Burlington (C)      | X              | Florence (Twp)       | X              | New Hanover (Twp)   | X              | Tabernacle (Twp)    | X              |
| Burlington (Twp)    | X              | Hainesport (Twp)     | X              | North Hanover (Twp) | X              | Washington (Twp)    | X              |
| Chesterfield (Twp)  | X              | Lumberton (Twp)      | X              | Palmyra (B)         | X              | Westampton (Twp)    |                |
| Cinnaminson (Twp)   | X              | Mansfield (Twp)      | X              | Pemberton (B)       | X              | Willingboro (Twp)   |                |
| Delanco (Twp)       | X              | Maple Shade (Twp)    |                | Pemberton (Twp)     | X              | Woodland (Twp)      |                |
| Delran (Twp)        |                | Medford (Twp)        | X              | Riverside (Twp)     | X              | Wrightstown (B)     | X              |





# Public Outreach and Engagement

## ACTION! Distribute the Public Survey!

- Post links on social media and department/agency websites
- Stakeholder and neighboring municipalities surveys have been distributed
- Make efforts to reach out to:
  - General Public
  - Stakeholders
  - Neighbors
  - Socially Vulnerable Populations

The image shows a digital survey form titled "Burlington County Hazard Mitigation Plan Update - Public Survey". It includes the county seal and a section for "Natural Hazard Information". The text asks for input on natural hazards impacting the county. A blue "OK" button is visible. Below the form, there is a promotional graphic for the "BURLINGTON COUNTY HAZARD MITIGATION PLAN SURVEY" with a background image of a stormy sky and a lightning bolt. The graphic includes the text: "Burlington County is seeking input for the 2024 Hazard Mitigation Plan. The plan will address the County's risks posed by hazards (e.g., flood, drought, winter storms) and identify specific strategies to help reduce or eliminate risks." At the bottom of the graphic, there is a "TAKE THE SURVEY" button, the URL "HTTP://BIT.LY/4SC7GOL", and a QR code.



# Risk Assessment Overview



# What is Risk?

Risk is defined as a function of :

- Hazard
  - Source of potential danger or adverse condition
- Exposure
  - Manmade or natural features that are exposed to the hazard
- Vulnerability
  - Damage susceptibility of the exposed features
- Adaptive Capacity (or capability)
  - Plans/policies
  - Response/recovery
  - Financial resources





# Purpose of Risk Assessment

- To get a better understanding of the risks you face
- Initial results based on available data
- Quantitative data (population/structures exposed, structural damages within hazard zones) used when available
- Qualitative community input (such as unmapped flood areas) integrated to adjust results
- Local community input to adjust relative rankings





# Preliminary Risk Assessment Results

# Dam Failure

Dam failures in Burlington County are a low-probability and high-consequence event. A dam failure can have devastating impacts on the County. While most dams have storage volumes small enough that failures would have little or no consequences, dams with large storage amounts could cause significant flooding downstream.

## Number of Dams

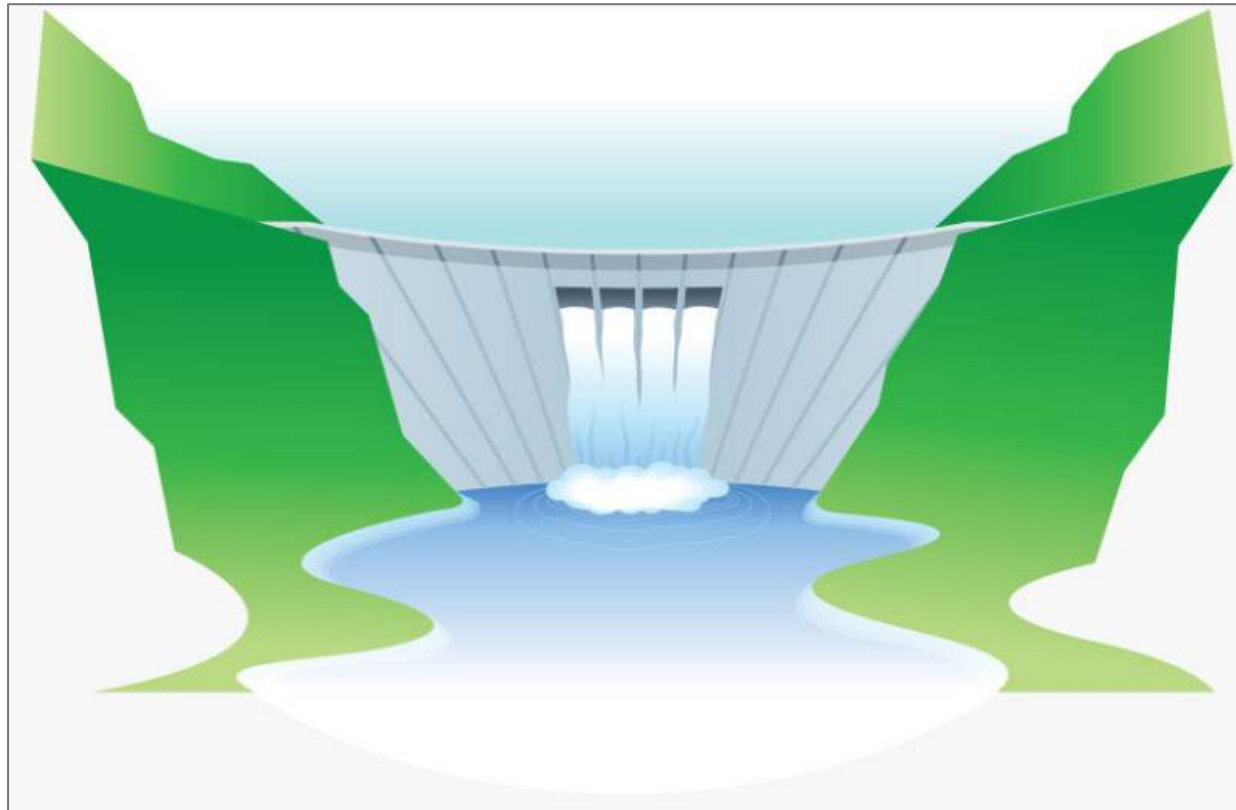
74

- 10 High Hazard
- 40 Significant Hazard
- 24 Low Hazard

## Impacts

- Dam failure can cut evacuation routes, limit emergency access, and/or create isolation issues.
- Severe flooding that follows a dam failure can cause extensive structural damage and withhold essential services.
- The environmental impacts of a dam failure can include significant water-quality and debris-disposal issues or severe erosion that can impact local ecosystems.

## Dam Graphic



## Notable Occurrence



On July 12-13, 2004, the Townships of Lumberton and Medford experienced major flooding due to heavy rainfall. Property damage from the flood was estimated at \$50 million. The flooding led to the evacuation of about 760 residents, the complete destruction of seven homes, major flood damage to approximately 200 homes, flood damage to approximately 1,000 homes, the closing of 25 major roads.



# Disease Outbreak

Disease outbreaks can impact the entirety of Burlington County. Emerging diseases are difficult to contain or treat and present significant challenges to risk communication since the mechanics of transmission, laboratory identification, and effective treatment protocols may be unknown.


Population Exposed

461,860

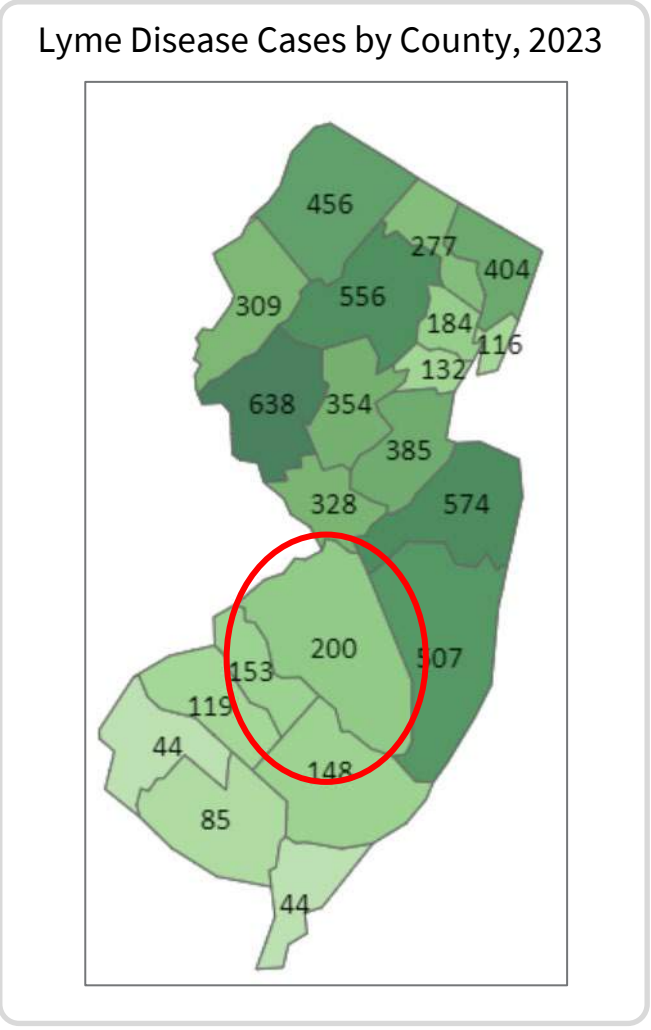
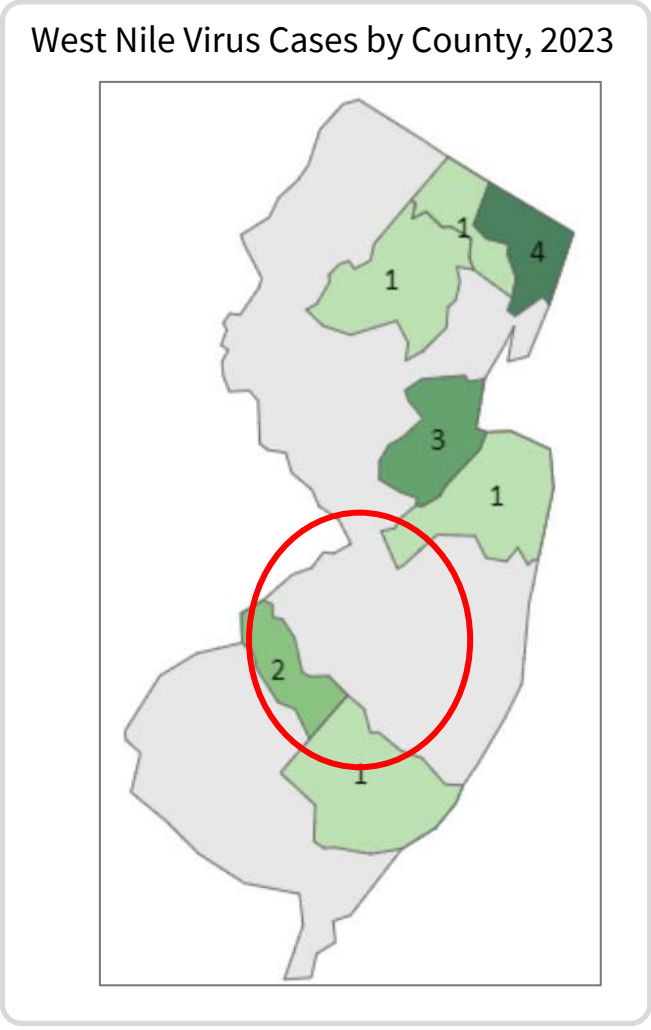
(100%)

The entire County is susceptible

Notable Occurrences



- In 2019, there were 236 confirmed cases of Lyme Disease.
- In 2020, there were 847 confirmed cases of Influenza.
- Since 2020, Burlington County reported 117,710 positive cases of COVID-19 and 681 deaths.



Hazard Types

- Influenza
- West Nile Virus
- Lyme Disease
- Coronavirus

# Drought

Droughts can affect Burlington County's industries and make day to day tasks more difficult to complete when water usage must be monitored.

Population Exposed

461,860

(100%)

The entire County is susceptible

USDA Declarations

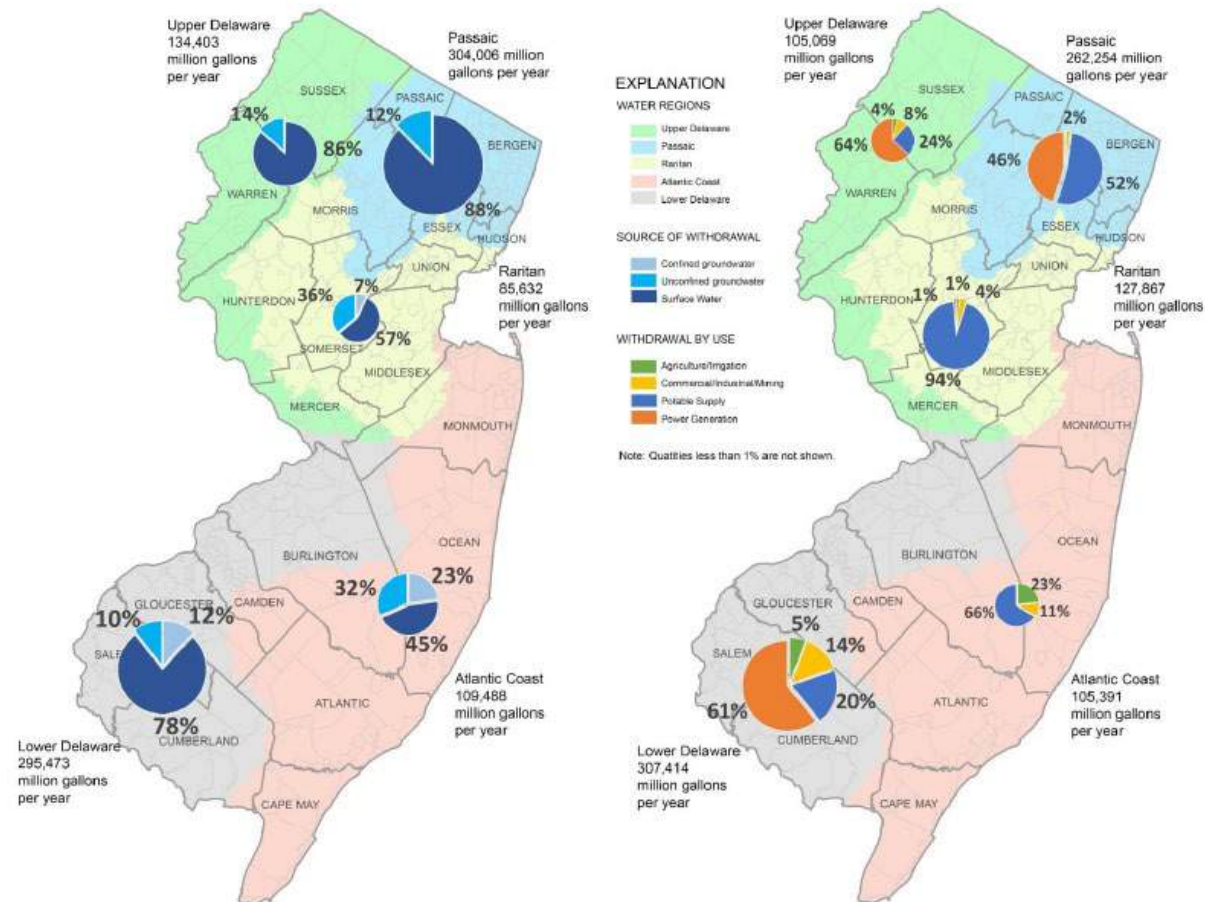
3

- 3 Drought declarations

Climate Change Impacts

It is anticipated that droughts lasting 3 to 6 months and longer may slightly increase in frequency under a low emissions scenario and will significantly increase under a high emissions scenario.

Water Regions, Sources and Withdrawal by Sector in New Jersey



Hazard Types



Meteorological



Hydrological



Agricultural



Socioeconomic

# Earthquake



Earthquakes in Burlington County are a low-probability and high-consequence event. An earthquake can have devastating impacts on the County. Ground shaking can lead to the collapse of buildings and bridges and disrupt gas lines, electricity, and phone service.

Population Exposed

**461,860**  
(100%)

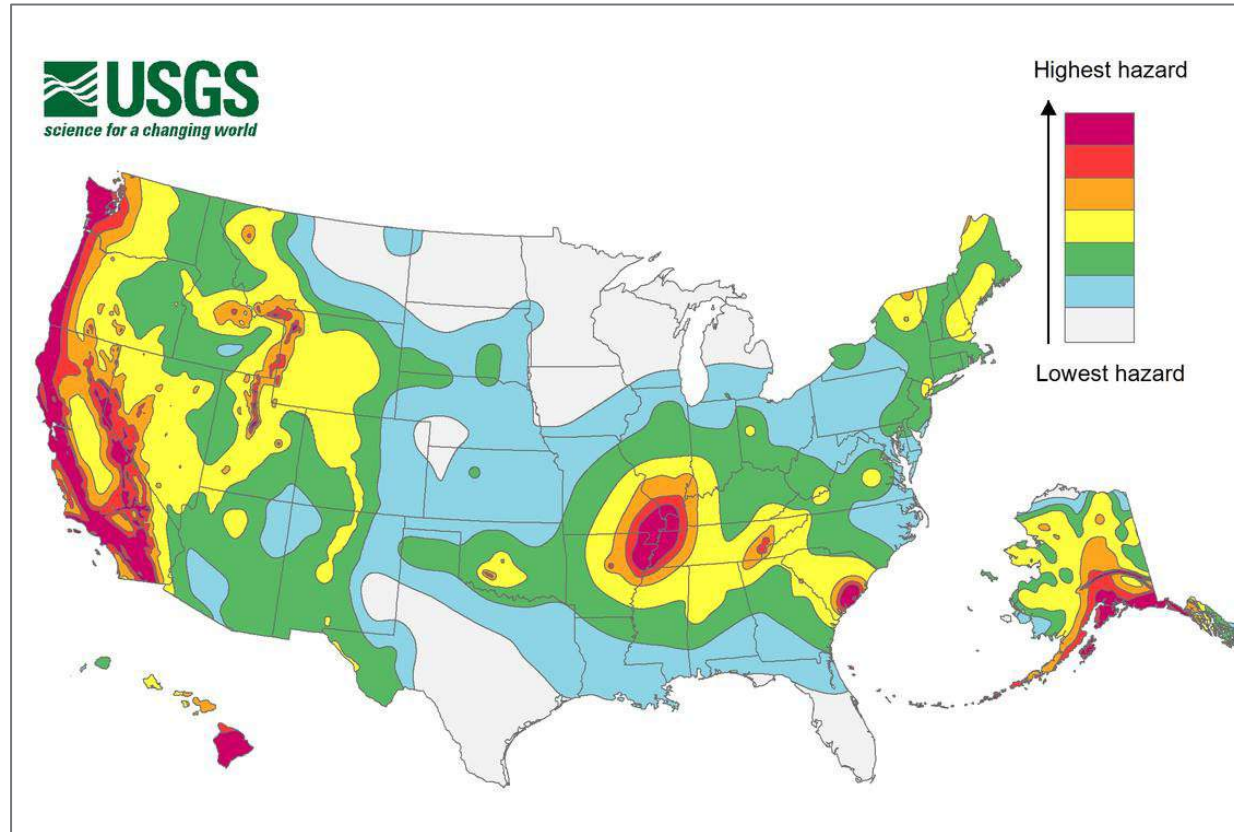
The entire County is susceptible

Notable Occurrences



Small earthquakes may occur several times a year and generally do not cause significant damage. The strongest earthquake with an epicenter in Burlington County was a 3.0 quake in Medford Lakes in 1980.

Location



Hazard Types

- Surface Faulting
- Ground Motion
- Liquefaction
- Tectonic Deformation
- Seiche



# Extreme Temperatures

Extreme temperature includes both heat and cold events, which affects the entire County including, human health and commercial/agricultural businesses. Extreme temperature events can have primary and secondary effects on infrastructure.

Population Exposed

**461,860**

(100%)

The entire County is susceptible

USDA Declarations

**2**

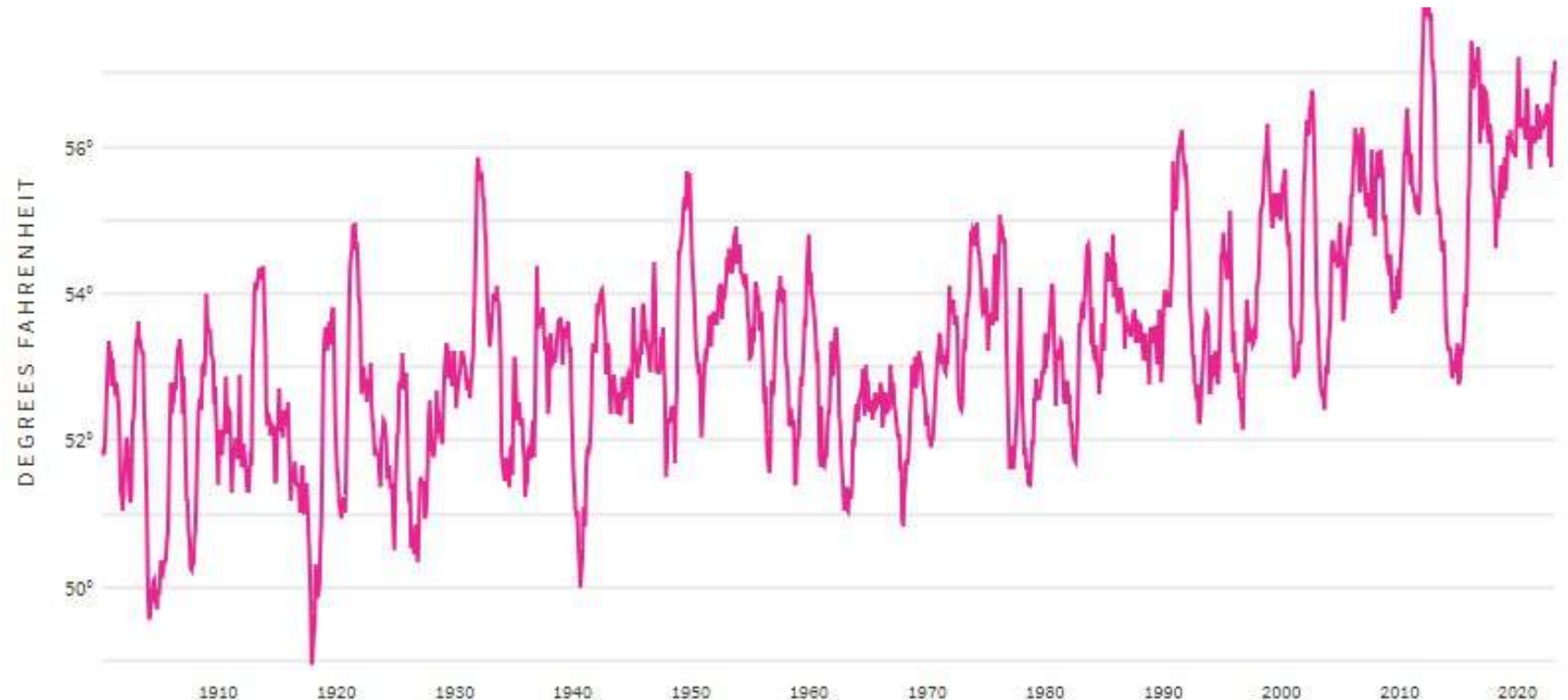
- 2 Excessive Heat declarations

Climate Change Impacts

New Jersey has experienced a 3.5° F (1.9° C) increase in the State's average temperature. By 2050, temperatures in New Jersey are expected to increase by 4.1 to 5.7° F.



12-Month Temperature Averages in Burlington County



# Flood

Floods are one of the most frequent and costly natural hazards in Burlington County in terms of human hardship and economic loss, particularly to communities that lie within flood prone areas or floodplains.

## Population Exposed

**14,583**  
(3.2%)

In 1% Annual Chance Flood Area

**25,026**  
(5.4%)

In 0.2% Annual Chance Flood Area

## Number of Buildings Exposed

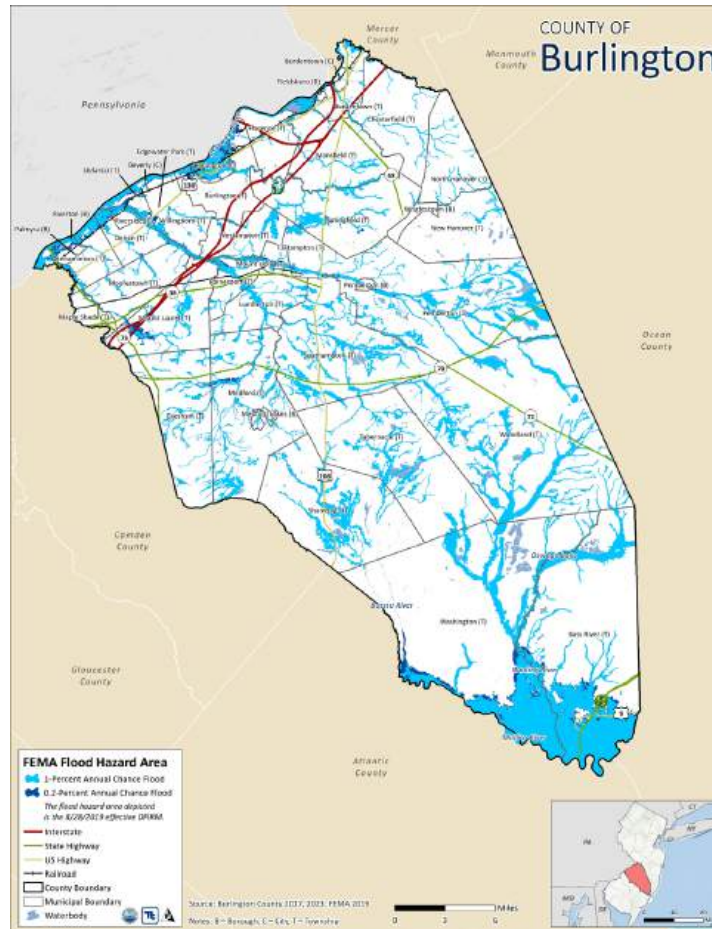
**5,163**

In 1% Annual Chance Flood Area

**8,739**

In 0.2% Annual Chance Flood Area

## Location



## Flood Building Replacement Cost Value

**\$9,333,016,825**

In 1% Annual Chance Flood Area

**\$14,060,945,896**

In 0.2% Annual Chance Flood Area

## Land Exposed to Flood Hazard



**72,903**  
(14.6%)

## Sea Level Rise Impacts

### 1-Foot Hazard Area

- 225 Persons Located in Hazard Area
- 90 Buildings Located in Hazard Area

### 3-Foot Hazard Area

- 677 Persons Located in Hazard Area
- 272 Buildings Located in Hazard Area

## Hazard Types



Riverine / Inland



Flash Flood



Urban / Stormwater



Coastal



Ice Jam



Erosion



Sea Level Rise

# Severe Weather

Severe weather can occur anywhere in the County at any time and have the potential to be life-threatening. It is critical for the community to prepare and be aware of forecasts in their local jurisdictions.

Population Exposed

461,860

(100%)

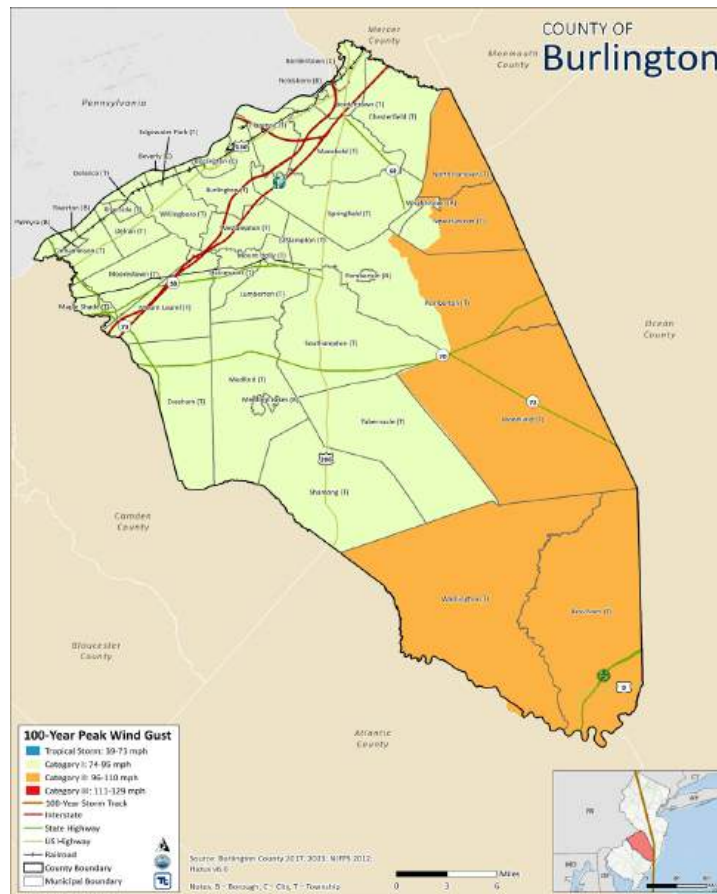
The entire County is susceptible

Notable Occurrences



The remnants of Hurricane Ida resulted in widespread thunderstorms. An EF-1 tornado formed in Burlington Township, near Edgewater Park. Extensive tree damage was reported. Power outages occurred due to damages to powerlines.

Location



Potential Impacts

- Essential Services Interruptions Power Outages
- Traffic Accidents
- Downed Trees
- Property Damage
- Personal Injury / Loss of Life

Climate Change Impacts

New Jersey has experienced a 3.5° F (1.9° C) increase in the State's average temperature. By 2050, temperatures in New Jersey are expected to increase by 4.1 to 5.7° F. Increases will be more conducive to increased frequency and intensity of severe storms (e.g., thunderstorms, tornadoes).



Hazard Types



High Wind



Tornado



Thunderstorm and Lightning



Hailstorms



Hurricanes and Tropical Storms



# Severe Winter Weather

Severe winter weather can occur anywhere in the County and have the potential to be life-threatening. It is critical for the community to prepare and be aware of forecasts in their local jurisdictions.

Population Exposed

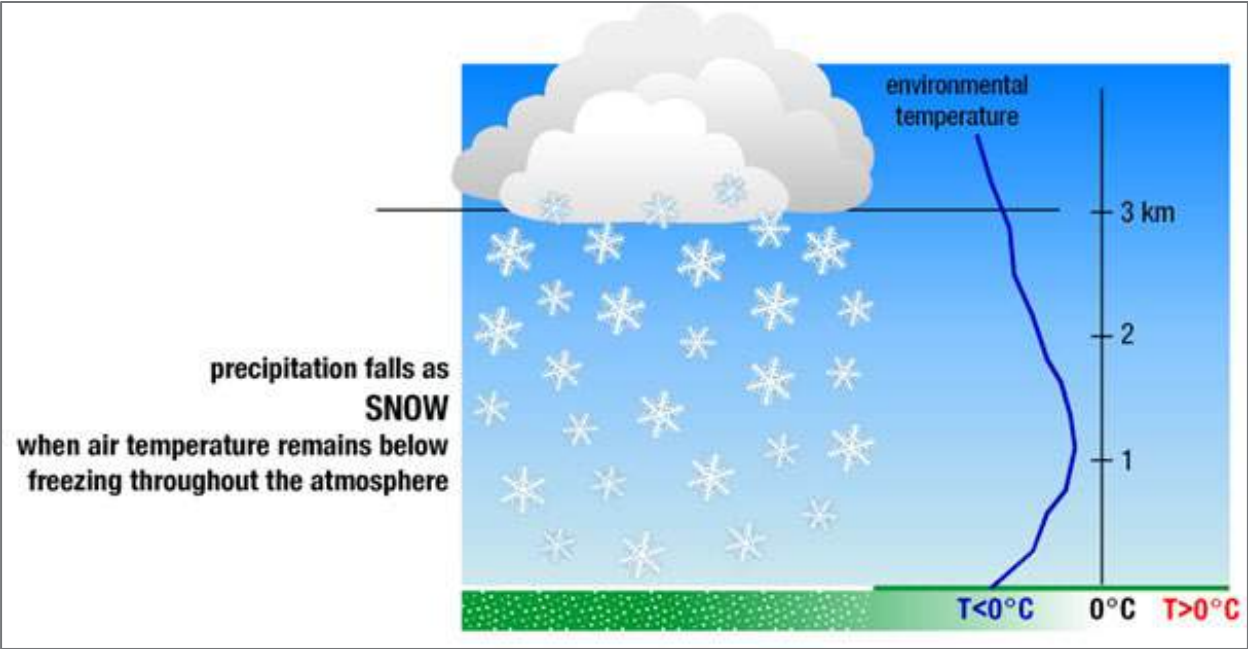
461,860  
(100%)

The entire County is susceptible

Hazard Types

- Heavy Snow
- Blizzard
- Sleet
- Ice Storm
- Nor'easter

Formation of Snow



Notable Occurrences



The Blizzard of 1996 dropped roughly 30 inches of snow in parts of Burlington County on January 7, 1996. Property damage was in the millions and the storm resulted in one death.

# Wildfire

Wildfire events in Burlington County typically occur toward the forested southeastern portions of the County in the Pinelands. Wildfires can have impacts on critical services, utilities, and properties, and may cause injury.

## Population Exposed

**6,406**

(1.4%)

Of the County is susceptible

## Building Replacement Cost Value

**\$4,963,331,009**

In Extreme, Very High, or High  
Wildfire Fuel Risk Hazard Area

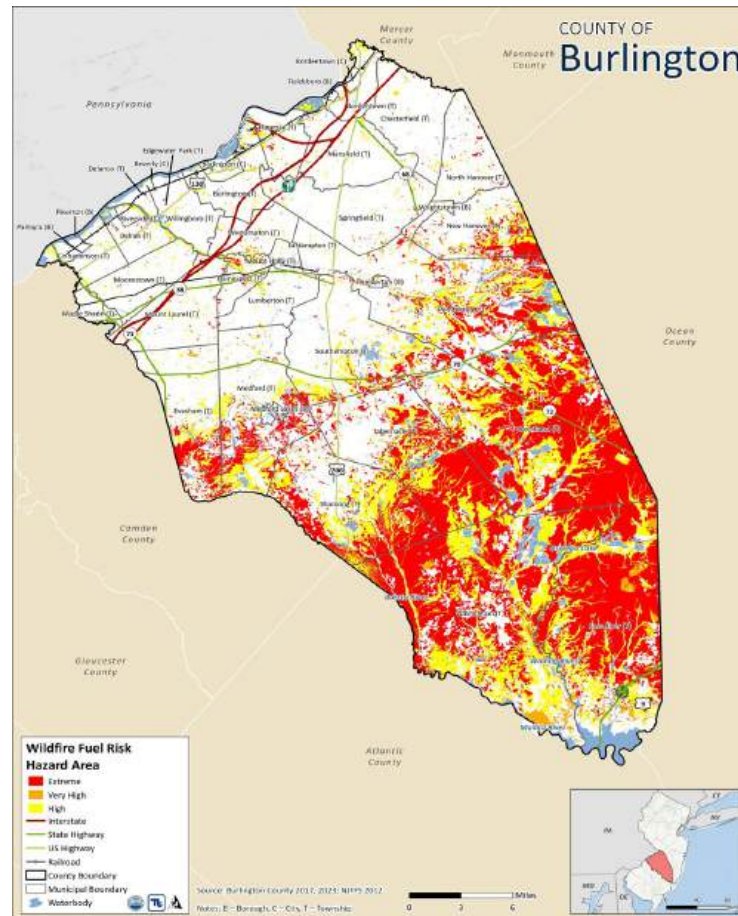
## Number of Buildings Exposed

**2,140**

(1.4%)

In Extreme, Very High, or High  
Wildfire Fuel Risk Hazard Area

## Location



## Notable Occurrences



On June 19-21, 2022 a wildfire was detected in a remote section of the Wharton State Forest in Mullica Twp. Unseasonably dry, windy conditions, combined with difficulty in accessing the initial fire location, led to rapid fire spread. When the fire was fully contained an estimated 14,983 acres had burned. This made it the largest wildfire in New Jersey since 2007.

## Climate Change Impacts

Burlington County can expect warmer and drier conditions which may increase the frequency and intensity of wildfires. Higher temperatures are expected to increase the amount of moisture that evaporates from land and water. These changes have the potential to lead to more frequent and severe droughts, which, in turn, increases the likelihood of wildfires.



# Hazard Rankings

Review the calculated hazard rankings and provide your feedback.



# Preliminary Hazard Ranking Methodology

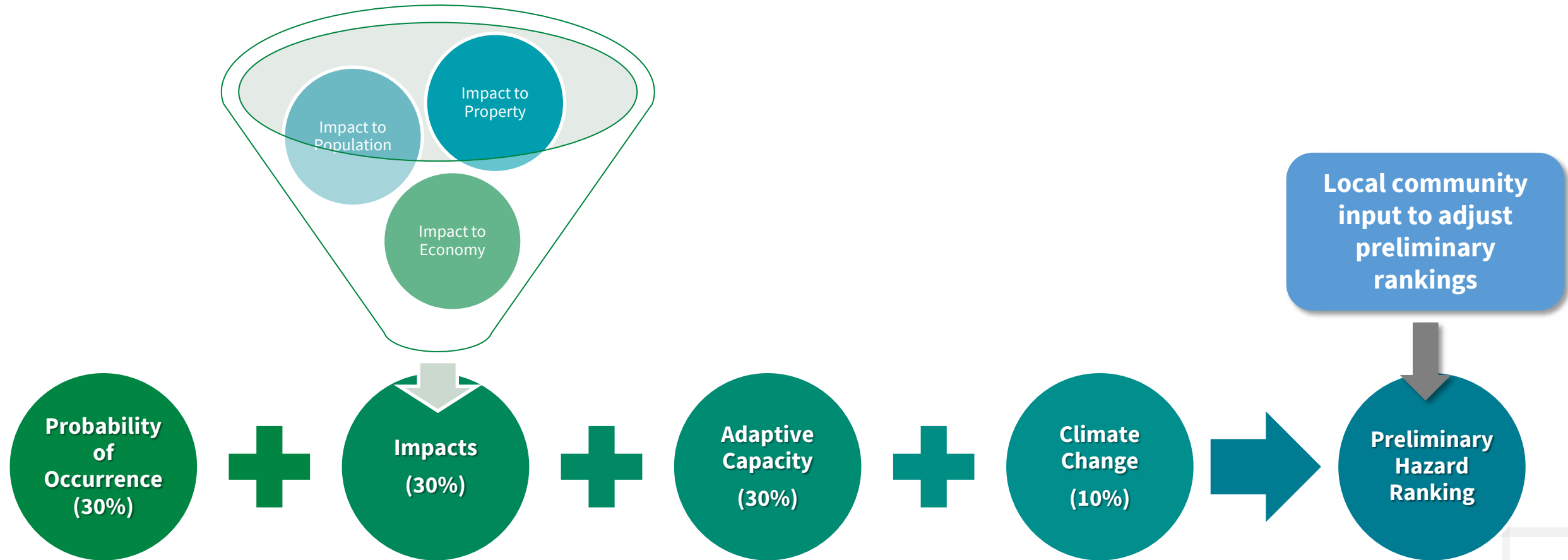


- The calculated probability of a hazard occurring based on historical data
- *Impacts to people, property, and the economy* based on GIS data and analysis of exposure.
- The degree to which climate change will affect future occurrences based on best available data.
- The degree to which existing capabilities (the ability of your community to respond to the hazard based on ordinances, mitigation strategies and procedures, and readiness) decrease overall risk.





# Preliminary Hazard Ranking Formula



# Risk Ranking



## High

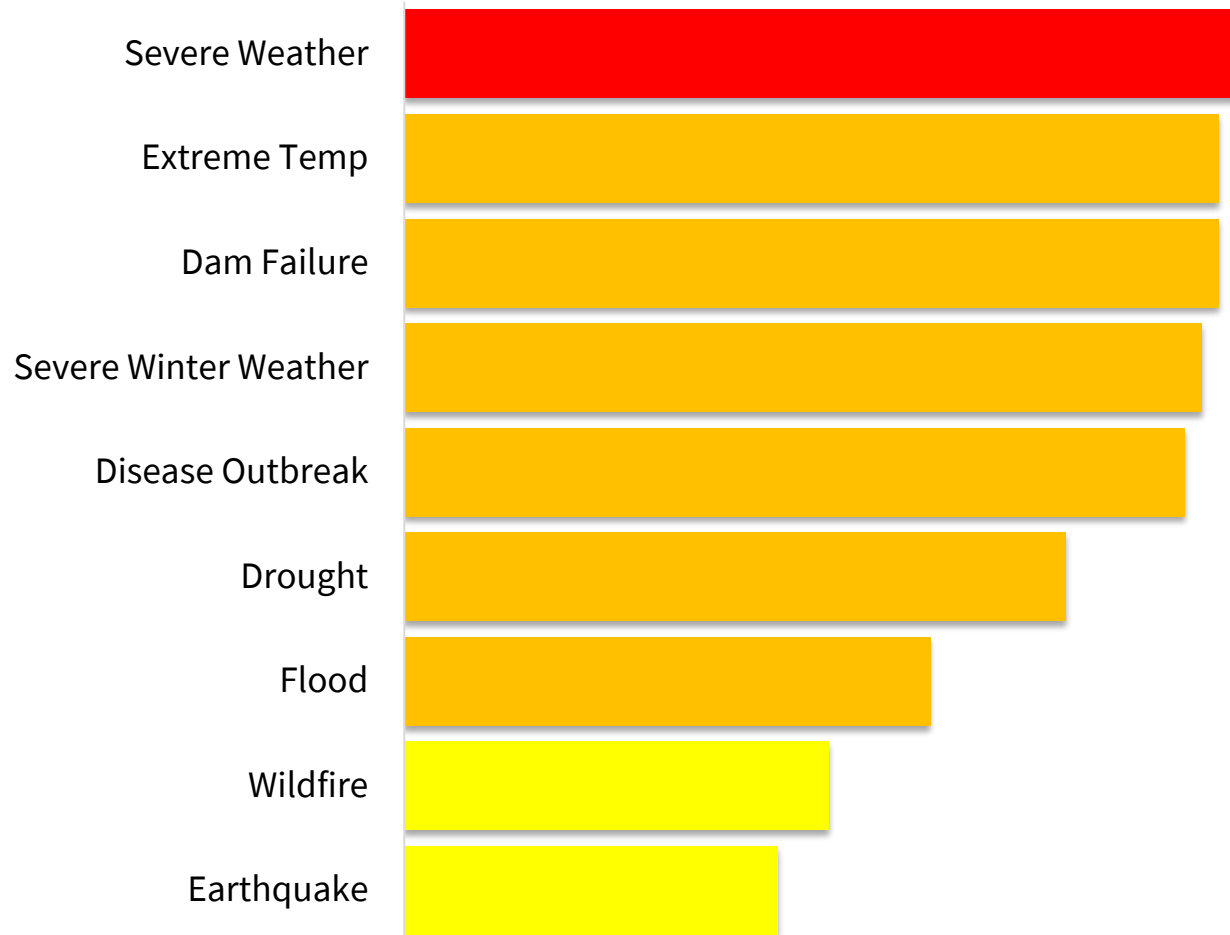
- Severe Weather

## Medium

- Extreme Temperature
- Dam Failure
- Severe Winter Weather
- Disease Outbreak
- Drought
- Flood

## Low

- Wildfire
- Earthquake







## **STRENGTHS, WEAKNESSES, OBSTACLES, AND OPPORTUNITIES (SWOO)**

Fill out your SWOO worksheet to provide more information on capabilities, risks, and potential new actions

# Strengths, Weaknesses, Obstacles, and Opportunities (SWOO)



- The purpose of the SWOO is to identify mitigation strategies and capabilities that will meet the goals and objectives for the Burlington County HMP. Look at the following for each hazard of concern:
  - Strengths – what the County and communities do well; things upon which we can capitalize;
  - Weaknesses – what can be done better; what can be strengthened;
  - Obstacles – what stands in the way to implementation to prevent mitigation or response (for example regulatory, geographical, environmental, financial issues); and
  - Opportunities - actions or projects to mitigate issues or improve resilience.



Hazard Mitigation Plan 2024 Update  
Burlington County, New Jersey  
Risk Assessment

## STRENGTHS, WEAKNESSES, OBSTACLES, AND OPPORTUNITIES (SWOO)

The purpose of the SWOO is to identify mitigation strategies and capabilities that will meet the goals and objectives for the Burlington County Hazard Mitigation Plan. The results will be used to develop a catalog of potential mitigation actions for use by the County and all jurisdictions. The opportunities developed from this process will serve as the basis for our catalog of potential mitigation alternatives. The alternatives will address our risks, meet our planning goals, and fall within our capabilities. We need to look at the following for each hazard of concern:

- **Strengths** – what the County and communities do well; things upon which we can capitalize;
- **Weaknesses** – what can be done better; what can be strengthened;
- **Obstacles** – what stands in the way to implementation to prevent mitigation or response (for example regulatory, geographical, environmental, financial issues); and
- **Opportunities** - actions or projects to mitigate issues or improve resilience.

| Dam Failure   |
|---------------|
| Strengths     |
| Weaknesses    |
| Obstacles     |
| Opportunities |

Use the results of this worksheet to assist with the development of your updated mitigation strategy.

Return this worksheet to Tetra Tech staff at the end of the Mitigation Strategy Workshop.

PAGE | 7



# Questions?





# Next Steps

- Complete your risk assessment worksheet including hazard rankings and SWOO
- Take a break and we will reconvene shortly.



## Burlington County Project Contact

Kristen Carr, Office of Emergency Management  
(609) 738-5139 | [KrCarr@co.burlington.nj.us](mailto:KrCarr@co.burlington.nj.us)

## Tetra Tech Project Manager

Chris Huch, CFM  
(973) 630-8357 | [chris.huch@tetrattech.com](mailto:chris.huch@tetrattech.com)

## Tetra Tech Lead Planner

Jessica Stokes, MSEM, NJCEM  
(973) 630-8017 | [jessica.stokes@tetrattech.com](mailto:jessica.stokes@tetrattech.com)



Thank  
You!



**BURLINGTON COUNTY HAZARD MITIGATION PLAN UPDATE**  
**Mitigation Action Workshop – AGENDA**  
**MEETING DATE/TIME: October 30, 2023 – 11:00 am – 12:30 pm**



**In-Person Meeting**  
**Burlington County Emergency Services Training Center**  
**53 Academy Road, Westampton, New Jersey 08060**

- 1. Opening Remarks**
- 2. Project Status** - where we are in the process, public outreach
- 3. Identifying and Developing Mitigation Strategies** – FEMA and NJOEM
- 4. Review Previous Actions**
- 5. Developing New Potential Actions**
- 6. Next Steps** –continue developing actions and work with Tetra Tech staff to complete your annex prior to leaving today
- 7. Questions**
- 8. Adjournment**

**Burlington County Project Contacts**

Kristen Carr, Deputy OEM Coordinator  
Burlington County OEM  
(609) 738-5139 | [krcarr@co.burlington.nj.us](mailto:krcarr@co.burlington.nj.us)

**Tetra Tech Project Contacts**

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6 Century Drive, Parsippany, NJ 07054  
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**Burlington County, NJ – Hazard Mitigation Plan 2024 Update**  
**Planning Partnership Mitigation Strategy Workshop | Meeting Minutes**



| <b>Purpose of Meeting:</b>  | Planning Partnership Mitigation Strategy Workshop                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                 |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| <b>Location of Meeting:</b> | Burlington County Emergency Services Training Center<br>(53 Academy Road, Westampton, New Jersey 08060)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                 |
| <b>Date of Meeting:</b>     | October 30, 2023 @ 9:00 A.M.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                 |
| <b>Attendees:</b>           | <div> <ul style="list-style-type: none"> <li>• <b>Burlington County</b> <ul style="list-style-type: none"> <li>○ Kristen Carr, OEM Deputy Coordinator</li> <li>○ Darryl Williams, OEM Coordinator</li> <li>○ Madison Hoff, Assistant Planner</li> </ul> </li> <li>• <b>Beverly (C)</b> <ul style="list-style-type: none"> <li>○ Kevin J. Richards, OEM Coordinator</li> </ul> </li> <li>• <b>Bordentown (C)</b> <ul style="list-style-type: none"> <li>○ Brian Maugeri Sr., OEM Deputy Coordinator</li> </ul> </li> <li>• <b>Burlington (C)</b> <ul style="list-style-type: none"> <li>○ Frank S. Caruso, OEM Coordinator</li> <li>○ Kenneth Shine, City Engineer</li> </ul> </li> <li>• <b>Burlington (Twp)</b> <ul style="list-style-type: none"> <li>○ Scott Hatfield, Township Engineer</li> </ul> </li> <li>• <b>Chesterfield (Twp)</b> <ul style="list-style-type: none"> <li>○ Michael Davison, OEM Deputy Coordinator</li> </ul> </li> <li>• <b>Delanco (Twp)</b> <ul style="list-style-type: none"> <li>○ Beverly Russell, Municipal Clerk</li> </ul> </li> <li>• <b>Delran (Twp)</b> <ul style="list-style-type: none"> <li>○ Joseph Cunningham Jr., OEM Coordinator</li> </ul> </li> <li>• <b>Eastampton (Twp)</b> <ul style="list-style-type: none"> <li>○ Bob Carr, OEM Coordinator</li> </ul> </li> <li>• <b>Edgewater Park (Twp)</b> <ul style="list-style-type: none"> <li>○ Brett Evans, Police Chief</li> </ul> </li> <li>• <b>Evesham (Twp)</b> <ul style="list-style-type: none"> <li>○ Eamonn Fitzpatrick-Ruth, EMS Chief</li> </ul> </li> <li>• <b>Florence (Twp)</b> <ul style="list-style-type: none"> <li>○ Philip Drangula, OEM Coordinator</li> <li>○ Albert Jacoby, OEM Deputy Coordinator</li> </ul> </li> <li>• <b>Lumberton (Twp)</b> <ul style="list-style-type: none"> <li>○ Ryan Engle, OEM Deputy Coordinator</li> </ul> </li> <li>• <b>Medford (Twp)</b> <ul style="list-style-type: none"> <li>○ Robert Dovi, OEM Coordinator</li> <li>○ Ryan Hofmann, OEM Deputy Coordinator</li> </ul> </li> </ul> </div> <div> <ul style="list-style-type: none"> <li>• <b>Moorestown (Twp)</b> <ul style="list-style-type: none"> <li>○ Kevin Abernant, Township Manager</li> </ul> </li> <li>• <b>Mt. Holly (Twp)</b> <ul style="list-style-type: none"> <li>○ Glynn Eckart, OEM Coordinator</li> <li>○ Paul Hardifer, Construction Official</li> </ul> </li> <li>• <b>Mt. Laurel (Twp)</b> <ul style="list-style-type: none"> <li>○ Jay Appleton, OEM Coordinator</li> </ul> </li> <li>• <b>New Hanover (Twp)</b> <ul style="list-style-type: none"> <li>○ Kyle Tuliano, Police Chief</li> </ul> </li> <li>• <b>Palmyra (B)</b> <ul style="list-style-type: none"> <li>○ Ronald Lindemuth, OEM Coordinator</li> </ul> </li> <li>• <b>Pemberton (Twp)</b> <ul style="list-style-type: none"> <li>○ Craig L. Augustoni, OEM Coordinator</li> </ul> </li> <li>• <b>Riverton (B)</b> <ul style="list-style-type: none"> <li>○ Andrew Beuschel, OEM Coordinator</li> </ul> </li> <li>• <b>Shamong (Twp)</b> <ul style="list-style-type: none"> <li>○ John Lyons, OEM Coordinator</li> </ul> </li> <li>• <b>Southampton (Twp)</b> <ul style="list-style-type: none"> <li>○ Eamonn Fitzpatrick-Ruth, OEM Coordinator</li> </ul> </li> <li>• <b>Woodland (Twp)</b> <ul style="list-style-type: none"> <li>○ Michael Huber, OEM Coordinator</li> </ul> </li> <li>• <b>Wrightstown (B)</b> <ul style="list-style-type: none"> <li>○ James Ingling, OEM Deputy Coordinator</li> </ul> </li> <li>• <b>Tetra Tech</b> <ul style="list-style-type: none"> <li>○ Chris Huch, Project Manager</li> <li>○ Jessica Stokes, Lead Planner</li> <li>○ Heather Apgar, Planner</li> </ul> </li> <li>• <b>FEMA Region 2</b> <ul style="list-style-type: none"> <li>○ Meghan Wren, FEMA Region 2 Community Planner, Resilience Branch</li> </ul> </li> </ul> </div> |                 |
| <b>Agenda Summary:</b>      | The purpose of the meeting was to describe the contains within the mitigation strategy, provide an opportunity for jurisdictions to review their previous mitigation actions with assistance from Tetra Tech planners, discuss what makes a good mitigation action, identify potential 2024 mitigation actions.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                 |
| Item No.                    | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Action item(s): |
| 1                           | <b>Introductions</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -               |
| 2                           | <b>Identifying and Developing Mitigation Strategies</b> <ul style="list-style-type: none"> <li>• The <b>Mitigation Strategy</b> is the County's roadmap to reduce the risk of hazards identified in the HMP. The strategy is based on hazard impacts, asset vulnerability, and the County's capabilities.</li> <li>• <b>Mitigation Actions</b> are specific activities, such as policies, projects, and studies, that stakeholders identify to reduce risk. <ul style="list-style-type: none"> <li>○ Forward-looking and incorporate changing conditions for the life of the County's assets</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -               |

**Burlington County, NJ – Hazard Mitigation Plan 2024 Update**  
**Planning Partnership Mitigation Strategy Workshop | Meeting Minutes**



|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                   |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          | <ul style="list-style-type: none"> <li>○ Consider changing demographics, development patterns, impacts of climate change.</li> <li>○ Examples of actions may include elevating electrical and HVAC equipment to reduce the likelihood of damage from floodwaters or planting trees to lower temperatures exacerbated by pavement.</li> <li>• What is a <b>Mitigation Strategy</b>? <ul style="list-style-type: none"> <li>○ A group of projects or actions to reduce the impacts of the hazards of concern on your community <ul style="list-style-type: none"> <li>▪ Plans and Regulations</li> <li>▪ Structure and Infrastructure Studies and Projects</li> <li>▪ Natural Systems Protection Studies and Projects</li> <li>▪ Education and Awareness Programs</li> </ul> </li> </ul> </li> <li>• Terms to describe the <u>Mitigation Strategy</u> include: <ul style="list-style-type: none"> <li>○ <b>Mitigation Action Plan or Action Plan</b></li> <li>○ <b>Mitigation Projects or Initiatives or Actions</b></li> </ul> </li> <li>• Need a clear connection between vulnerabilities identified in the risk assessment and proposed mitigation actions.</li> <li>• The capability assessment can provide insight into challenges and opportunities for the mitigation strategy.</li> <li>• All actions proposed in the mitigation strategy must have a factual basis tied to hazards (<i>this shouldn't be a wish list!</i>)</li> </ul> |                                                                                                                                                                                   |
| <b>3</b> | <p><b>Review Previous Actions</b></p> <ul style="list-style-type: none"> <li>• Review the mitigation actions your jurisdiction identified in the previous HMP by providing a brief status narrative. Begin by providing the status: <ul style="list-style-type: none"> <li>○ IN PROGRESS: Started but not complete</li> <li>○ ONGOING CAPABILITY: An action you now complete on a regular basis (maintenance, annual outreach, etc.). These actions will be included in your capabilities moving forward.</li> <li>○ NO PROGRESS: Not started</li> <li>○ COMPLETE: Finished!</li> </ul> </li> <li>• Actions that are COMPLETE or ONGOING will not be carried forward.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <p><b>Planning Partnership</b></p> <ul style="list-style-type: none"> <li>• Complete Previous Actions Review Worksheet and submit to Jessica Stokes and/or Chris Huch.</li> </ul> |
| <b>4</b> | <p><b>Developing New Potential Actions</b></p> <ul style="list-style-type: none"> <li>• Quality not quantity <ol style="list-style-type: none"> <li>1. Each action needs detailed information on the why, who, what, and when of the action.</li> </ol> </li> <li>• 2019 projects <ol style="list-style-type: none"> <li>1. If a project is not finished and still a priority, include in 2024 HMP</li> <li>2. Remove general projects or make more specific</li> <li>3. Remove ongoing capabilities like maintenance or annual outreach</li> </ol> </li> <li>• <b>Each hazard needs at least one mitigation action</b></li> <li>• If your jurisdiction has Repetitive Loss Properties - an action is needed to mitigate the properties (elevation or acquisition) with specifics (street or neighborhood names, not specific addresses)</li> <li>• Four types of Mitigation Actions <ol style="list-style-type: none"> <li>1. Plans and regulations</li> <li>2. Structure and Infrastructure</li> <li>3. Natural systems protection</li> <li>4. Education and awareness</li> </ol> </li> </ul>                                                                                                                                                                                                                                                                                                                                              | -                                                                                                                                                                                 |
| <b>5</b> | <b>Next Steps</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                                                                                                                                                 |

**Burlington County, NJ – Hazard Mitigation Plan 2024 Update**  
**Planning Partnership Mitigation Strategy Workshop | Meeting Minutes**



|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|   | <ul style="list-style-type: none"> <li>• Share information about the HMP Update via social media, community groups, and networks</li> <li>• Attend the Public Risk Assessment Meeting on Thursday, November 9 @ 7:00 p.m. via Teams: <a href="https://msteams.link/4H0W">https://msteams.link/4H0W</a></li> </ul>                                                                                                                                                                                                                           |   |
| 6 | <p><b>Questions/Discussion</b></p> <ul style="list-style-type: none"> <li>• <b>Planning Partnership:</b> There are 11 communities involved in the NJDEP Climate Vulnerability Project. Is there an action that can be written for that project? <ul style="list-style-type: none"> <li>○ <b>Chris Huch:</b> So those 11 communities can use their involvement in the project as a mitigation action. The project will have a robust vulnerability assessment which will be a great capability for those communities.</li> </ul> </li> </ul> | - |





# Burlington County Multi-Jurisdictional Hazard Mitigation Plan 2024 Update

**Planning Partnership Mitigation Strategy  
Workshop**

October 30, 2023

Confirm you have signed the Sign-In  
Sheet for this meeting.





# Today's Agenda

1. Identifying and Developing Mitigation Strategies
2. Review Previous Actions
3. Developing New Potential Actions
4. Workshop to Review Previous Actions, Identify New Actions, Complete Municipal Annexes
- 5. Check in with Tetra Tech staff before leaving**







# Identifying and Developing Mitigation Strategies





# Purpose of Mitigation Strategy

- The **Mitigation Strategy** is the County's roadmap to reduce the risk of hazards identified in the HMP. The strategy is based on hazard impacts, asset vulnerability, and the County's capabilities.
- **Mitigation Actions** are specific activities, such as policies, projects, and studies, that stakeholders identify to reduce risk.
  - Forward-looking and incorporate changing conditions for the life of the County's assets
  - Consider changing demographics, development patterns, impacts of climate change.
  - Examples of actions may include elevating electrical and HVAC equipment to reduce the likelihood of damage from floodwaters or planting trees to lower temperatures exacerbated by pavement.
  - ***Actions included in the plan are eligible for certain types of FEMA funding.***

# Using Your Mitigation Strategy to Reduce Risk



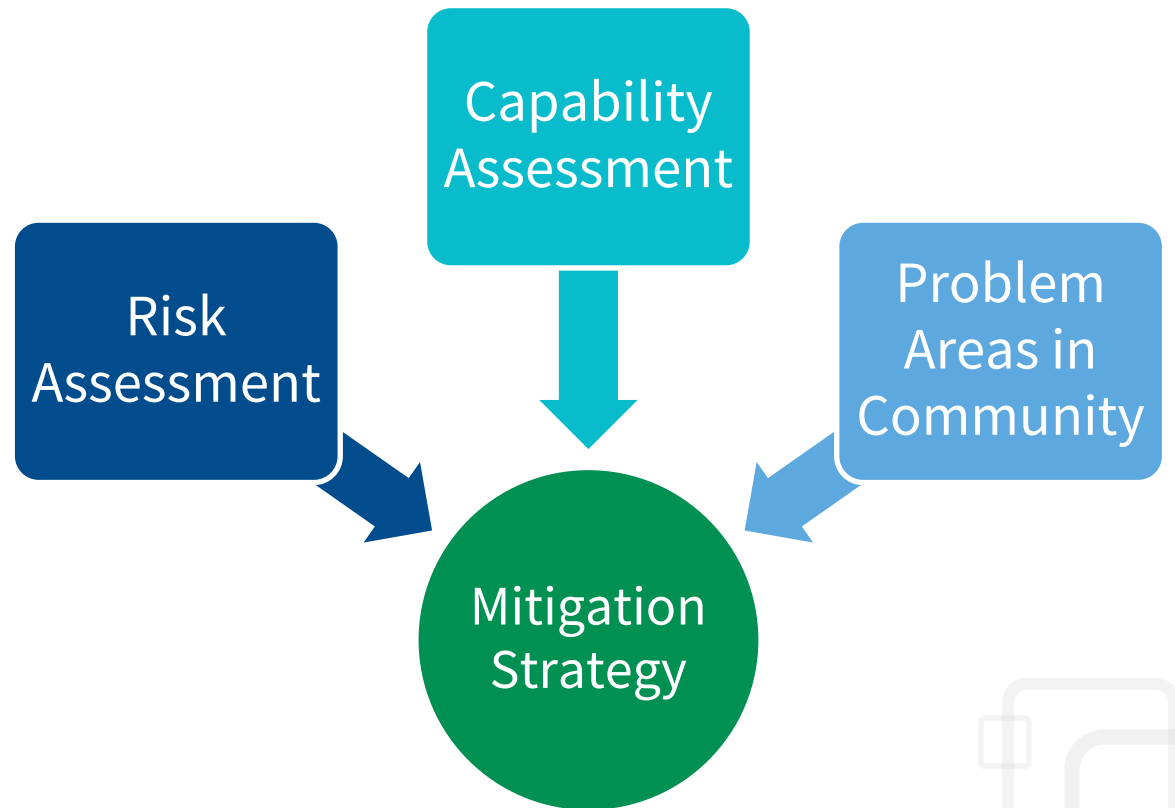
- What is a **Mitigation Strategy**?
  - A group of projects or actions to reduce the impacts of the hazards of concern on your community
    - Plans and Regulations
    - Structure and Infrastructure Studies and Projects
    - Natural Systems Protection Studies and Projects
    - Education and Awareness Programs
- Terms to describe the Mitigation Strategy include:
  - **Mitigation Action Plan** or **Action Plan**
  - **Mitigation Projects** or **Initiatives** or **Actions**

Your Mitigation Strategy is included in your annex. Each action will be developed on individual Action Worksheets to include detailed information that can serve as starting points for grant applications



# Connecting to the Mitigation Strategy

- Need a clear connection between vulnerabilities identified in the risk assessment and proposed mitigation actions.
- The capability assessment can provide insight into challenges and opportunities for the mitigation strategy.
- All actions proposed in the mitigation strategy must have a factual basis tied to hazards (*this shouldn't be a wish list!*)





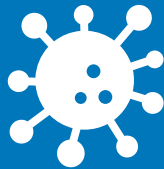
# Hazards of Concern



**Dam Failure**



**Disease  
Outbreak**



**Drought**



**Earthquake**



**Extreme  
Temperature**



**Flood**



**Severe Storm**



**Severe Winter  
Weather**



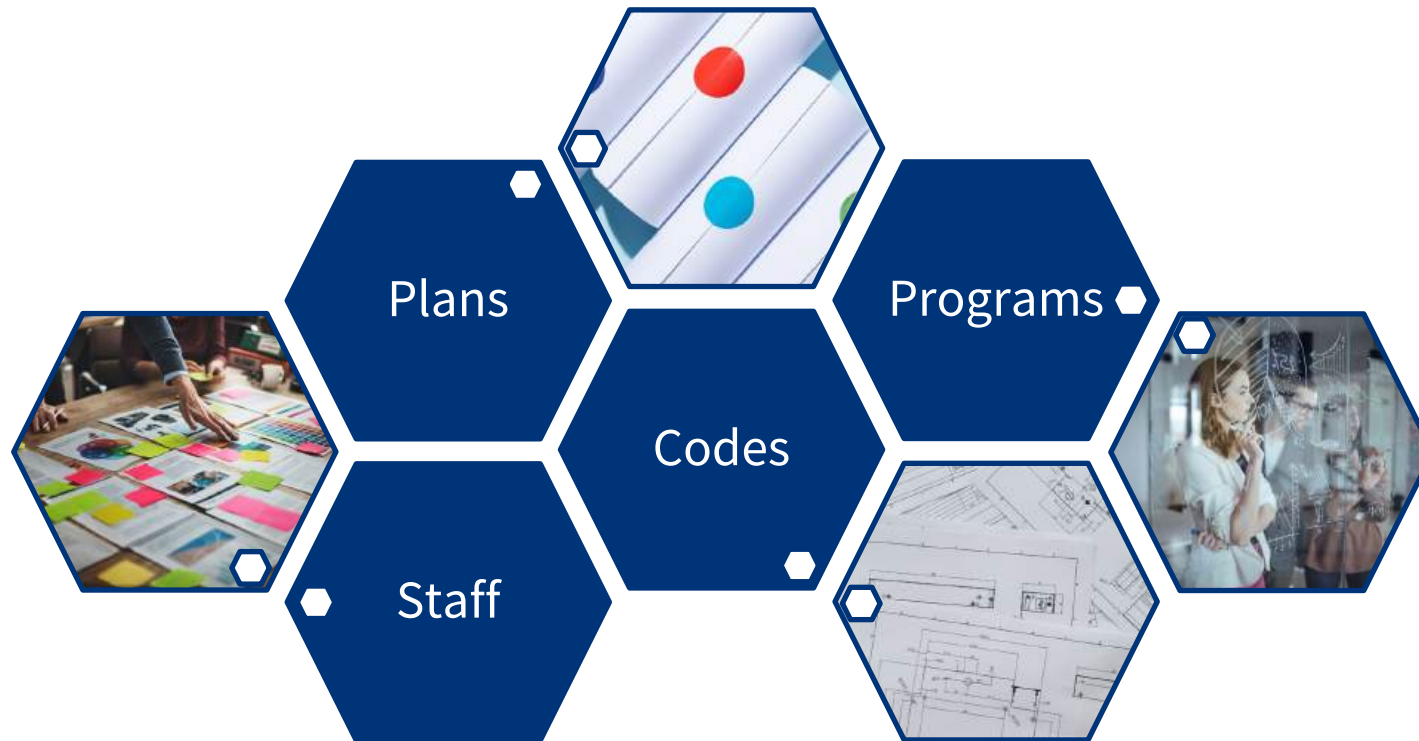
**Wildfire**



# Capability Assessment



- Capabilities
  - What does your jurisdiction use to reduce risk to hazards?





# Mitigation Strategy

- Goals
  - What outcomes do you want to achieve?
- Actions
  - What specific actions will be taken to reduce hazard risk?
- Action Plan
  - How will the actions be prioritized and implemented?







## **Review Previous Actions**

# Previous Actions Review



Review the mitigation actions your jurisdiction identified in the previous HMP by providing a brief status narrative. Begin by providing the status:

- **IN PROGRESS:** Started but not complete
- **ONGOING CAPABILITY:** An action you now complete on a regular basis (maintenance, annual outreach, etc.). These actions will be included in your capabilities moving forward.
- **NO PROGRESS:** Not started
- **COMPLETE:** Finished!

Actions that are **COMPLETE** or **ONGOING** will not be carried forward.



## STATUS OF PREVIOUS MITIGATION ACTIONS

Review the mitigation actions your jurisdiction identified in the previous HMP by providing a brief narrative. Begin by providing a status update for each action listed in your last annex:

- **IN PROGRESS:** Started but not complete
- **ONGOING CAPABILITY:** An action you now complete on a regular basis (maintenance, annual outreach, etc.). These actions will be included in your capabilities moving forward.
- **NO PROGRESS:** Not started
- **COMPLETE:** Finished!

Actions that are **COMPLETE** or **ONGOING** will not be carried forward. Indicate if **NO PROGRESS** or **IN PROGRESS** actions should be carried forward!

Table 3. Status of Previous Mitigation Actions

| Project #      | Project                                                                                                                     | Responsible Party                                            | What is the status?<br>(e.g., In Progress, No Progress, Ongoing Capability, or Completed)         | If you did not complete the action, should the action be included in the 2024 HMP (i.e., there is still a need, this is still a priority)? |                                                                                                                           |                                                                 |
|----------------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
|                |                                                                                                                             |                                                              | Provide details including the funding source, cost, phases completed, obstacles to progress, etc. | Yes/No                                                                                                                                     | If Yes, please describe the original problem (i.e., hazard, location, historic losses), any updates to the action needed. | Hazard(s) of Concern addressed (refer to the hazards on page 1) |
| T. Delanco - 1 | Bogg's Run - Phase implement improvements to increase the capacity of culverts at the Light Rail Line and Burlington Avenue | Lead: USACE, NJ Transit, County, State Support: Municipality |                                                                                                   |                                                                                                                                            |                                                                                                                           |                                                                 |
| T. Delanco - 2 | Perform seawall repairs on Delaware Riverfront                                                                              | Township Committee                                           |                                                                                                   |                                                                                                                                            |                                                                                                                           |                                                                 |
| T. Delanco - 3 | Perform drainage improvements at Hickory St.                                                                                | Township Committee                                           |                                                                                                   |                                                                                                                                            |                                                                                                                           |                                                                 |
| T. Delanco - 4 | Purchase new OEM phone system                                                                                               | Township Committee                                           |                                                                                                   |                                                                                                                                            |                                                                                                                           |                                                                 |
| T. Delanco - 5 | Establish Street Tree Inspection program and implement removal of dangerous trees                                           | Township Committee                                           |                                                                                                   |                                                                                                                                            |                                                                                                                           |                                                                 |



# Developing New Potential Actions



# Requirements for the Mitigation Strategy Update



- Quality not quantity
  - Each action needs detailed information on the why, who, what, and when of the action.
- 2019 projects
  - If a project is not finished and still a priority, include in 2024 HMP
  - Remove general projects or make more specific
  - Remove ongoing capabilities like maintenance or annual outreach
- **Each hazard needs at least one mitigation action**
- If your jurisdiction has Repetitive Loss Properties - an action is needed to mitigate the properties (elevation or acquisition) with specifics (street or neighborhood names, not specific addresses)

# Mitigation Action Types



**Plans and regulations** include government authorities, policies, or codes that encourage risk reduction, such as building codes and state planning regulations. This may also include planning studies.



**Structure and infrastructure projects** involve modifying existing structures and infrastructure or constructing new structures to reduce the impact of hazards.



**Natural systems protection projects** minimize losses while also preserving or restoring the function of natural systems.



**Education and awareness programs** include long-term, sustained programs to inform and educate citizens and stakeholders about hazards and mitigation options. This category could also include training.

Table 1. Mitigation Action Worksheet



|                                                   |               |                   |
|---------------------------------------------------|---------------|-------------------|
| <b>Lead Agency:</b>                               |               |                   |
| <b>Supporting Agencies:</b>                       |               |                   |
| <b>Hazard(s) of Concern:</b>                      |               |                   |
| <b>Description of the Problem:</b>                |               |                   |
| <b>Description of the Solution:</b>               |               |                   |
| <b>Estimated Cost:</b>                            |               |                   |
| <b>Potential Funding Sources:</b>                 |               |                   |
| <b>Implementation Timeline:</b>                   |               |                   |
| <b>Goals Met:</b>                                 |               |                   |
| <b>Benefits:</b>                                  |               |                   |
| <b>Impact on Socially Vulnerable Populations:</b> |               |                   |
| <b>Impact on Future Development:</b>              |               |                   |
| <b>Impact on Critical Facilities/Lifelines:</b>   |               |                   |
| <b>Impact on Capabilities:</b>                    |               |                   |
| <b>Climate Change Considerations:</b>             |               |                   |
| <b>Mitigation Category:</b>                       |               |                   |
| <b>CRS Category:</b>                              |               |                   |
| <b>Priority:</b>                                  |               |                   |
| <b>Alternatives:</b>                              | <b>Action</b> | <b>Evaluation</b> |
|                                                   | No Action     |                   |
|                                                   | Alternative 1 |                   |
|                                                   | Alternative 2 |                   |





# Questions?



# Workshop

Review previous mitigation actions, identify new actions, complete missing areas in your annex.

**Before you leave, check in with Tetra Tech staff!**



## Burlington County Project Contact

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## Tetra Tech Project Manager

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## Tetra Tech Lead Planner

Jessica Stokes, MSEM, NJCEM  
(973) 630-8017 | [jessica.stokes@tetrattech.com](mailto:jessica.stokes@tetrattech.com)

A blue trail sign for the Rancocas Creek Greenway in Burlington County. The sign features a silhouette of a person walking and lists trail rules. Below the main sign is a smaller sign with a map showing the trail route and distances to nearby locations like Amica Island and Pennington Loop.

Thank  
You!





**BURLINGTON COUNTY HAZARD MITIGATION PLAN UPDATE**  
**Public Risk Assessment Meeting – AGENDA**  
**MEETING DATE/TIME: November 9, 2023 – 07:00 pm – 8:00 pm**



**Virtual Meeting**

**Dial-In Phone Number: +1 617-865-5234; Conference ID: 717 851 532#**

**Join by Meeting: <https://msteams.link/FS5S>**

- 1. Opening Remarks/Introduction**
- 2. Hazard Mitigation Overview**
- 3. Planning Process Overview**
- 4. Risk Assessment Overview**
  - **Results of risk assessment for each hazard**
  - **Hazards of concern risk ranking**
  - **How will this information be used in the HMP?**
- 5. Feedback and Input**
- 6. Next Steps**
- 7. Questions**

**Burlington County Project Contacts**

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**Burlington County, NJ – Hazard Mitigation Plan 2024 Update**  
**Public Risk Assessment Review | Meeting Minutes**



| <b>Purpose of Meeting:</b>  | Public Risk Assessment Review                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Location of Meeting:</b> | Teleconference                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                |
| <b>Date of Meeting:</b>     | November 9, 2023 @ 7:00 pm – 8:00 pm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                |
| <b>Attendees:</b>           | <ul style="list-style-type: none"> <li>• <b>Burlington County</b> <ul style="list-style-type: none"> <li>○ Kristen Carr, OEM Deputy Coordinator</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <ul style="list-style-type: none"> <li>• <b>Tetra Tech</b> <ul style="list-style-type: none"> <li>○ Chris Huch, Project Manager</li> <li>○ Jessica Stokes, Lead Planner</li> </ul> </li> </ul> |
| <b>Agenda Summary:</b>      | The purpose of the meeting was to provide an overview of the hazard mitigation planning, the hazard mitigation planning process, review the risk assessment results, including the hazard ranking, and note any public feedback.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                |
| Item No.                    | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Action item(s):                                                                                                                                                                                |
| 1                           | <b>Introductions</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                                                                                                                                                              |
| 2                           | <b>Hazard Mitigation Overview</b> <ul style="list-style-type: none"> <li>• Mitigation describes actions taken to help reduce or eliminate the long-term risks/damages cause by hazards</li> <li>• Having an HMP permits eligibility for FEMA pre- and post-disaster grant funding</li> <li>• Must meet FEMA’s new 2023 guidelines, which include an increase in participation, discussions on climate change and socially vulnerable populations, increased documentation needs, and to show how existing capabilities are integrated into the plan.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                            | -                                                                                                                                                                                              |
| 3                           | <b>Planning Process Overview</b> <ul style="list-style-type: none"> <li>• Hazard mitigation planning is an eight-step process, including: the planning process itself, the risk assessment, public and involvement strategy, mitigation strategy, plan maintenance, plan update and deliverables, plan adoption, and project management and coordination.</li> <li>• The risk assessment is an important element of the plan because it provides a basis for your policy and helps to identify what is most important to address to increase resiliency.</li> <li>• To complete the risk assessment, we need to: <ul style="list-style-type: none"> <li>○ Review and update the hazards of concern</li> <li>○ Update assets – critical facilities and community lifelines</li> <li>○ Look at the impacts of each hazard since the last HMP</li> <li>○ Analyze the risk to each asset</li> <li>○ Review the findings</li> </ul> </li> </ul> | -                                                                                                                                                                                              |
| 4                           | <b>Risk Assessment Overview</b> <ul style="list-style-type: none"> <li>• Risk is defined as a function of : <ul style="list-style-type: none"> <li>○ Hazard <ul style="list-style-type: none"> <li>▪ Source of potential danger or adverse condition</li> </ul> </li> <li>○ Exposure <ul style="list-style-type: none"> <li>▪ Manmade or natural features that are exposed to the hazard</li> </ul> </li> <li>○ Vulnerability <ul style="list-style-type: none"> <li>▪ Damage susceptibility of the exposed features</li> </ul> </li> <li>○ Adaptive Capacity (or capability) <ul style="list-style-type: none"> <li>▪ Plans/policies</li> <li>▪ Response/recovery</li> <li>▪ Financial resources</li> </ul> </li> </ul> </li> </ul>                                                                                                                                                                                                       | -                                                                                                                                                                                              |

**Burlington County, NJ – Hazard Mitigation Plan 2024 Update**  
**Public Risk Assessment Review | Meeting Minutes**



|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |   |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|   | <ul style="list-style-type: none"> <li>The purpose of the Risk Assessment is: <ul style="list-style-type: none"> <li>To get a better understanding of the risks you face</li> <li>View the initial results based on available data</li> <li>Utilize quantitative data (population/structures exposed, structural damages within hazard zones) when available</li> <li>Integrate qualitative community input (such as unmapped flood areas) to adjust results</li> <li>Encourage local community input to adjust relative rankings</li> </ul> </li> </ul>                                                                                                                                                                                                                                                          |   |
| 5 | <b>Preliminary Risk Assessment Results</b> <ul style="list-style-type: none"> <li>Provided an overview of the results from the risk assessment for each hazard. Results were a combination of qualitative and quantitative data.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | - |
| 6 | <b>Hazard Rankings</b> <ul style="list-style-type: none"> <li>The calculated probability of a hazard occurring based on historical data</li> <li>Impacts to people, property, and the economy based on GIS data and analysis of exposure.</li> <li>The degree to which climate change will affect future occurrences based on best available data.</li> <li>The degree to which existing capabilities (the ability of your community to respond to the hazard based on ordinances, mitigation strategies and procedures, and readiness) decrease overall risk.</li> <li>Ranking: <ul style="list-style-type: none"> <li>High: Severe Weather</li> <li>Medium: Extreme Temperature, Dam Failure, Severe Winter Weather, Disease Outbreak, Drought, Flood</li> <li>Low: Wildfire, Earthquake</li> </ul> </li> </ul> | - |
| 7 | <b>Meeting Wrap-Up</b> <ul style="list-style-type: none"> <li>Do you live in Burlington County? Consider taking the Public Survey! <ul style="list-style-type: none"> <li><a href="https://bit.ly/45c7Gol">https://bit.ly/45c7Gol</a></li> </ul> </li> <li>Do you work in Burlington County? Consider taking the Stakeholder Survey! <ul style="list-style-type: none"> <li><a href="https://bit.ly/49IUeka">https://bit.ly/49IUeka</a></li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                    | - |
| 8 | <b>Questions/Discussion</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | - |





# Burlington County Multi-Jurisdictional Hazard Mitigation Plan 2024 Update

**Public Risk Assessment Meeting**

November 9, 2023

While waiting for the meeting to start, please enter your name and which municipality you are from in the chat.





# Today's Agenda

1. Welcome and Introductions
2. Hazard Mitigation Planning Overview
3. Planning Process Overview
4. Risk Assessment Overview
5. Hazard Ranking
6. Questions/Wrap Up







# Hazard Mitigation Overview

Mitigation planning happens before a disaster strikes. It results in safer, more resilient communities – reducing risk for the residents, businesses, and critical services in Burlington County.



# Hazard Mitigation Planning Overview



- ✓ Authorized by the Disaster Mitigation Act of 2000
- ✓ Provides an overview of the impacts of natural hazards on communities
- ✓ Provides a roadmap to reducing the impact of these hazards
- ✓ Requires a FEMA-approved natural hazard mitigation plan to be eligible for Pre-Disaster Mitigation Funding
- ✓ 5-year updates required to maintain eligibility

- What is hazard mitigation?
- Why update the plan?
- What is the process?

# What is Hazard Mitigation?



Mitigation is a sustained action taken to reduce or eliminate long-term risk to life and property from a hazard event

-or-

Any action taken to reduce future disaster losses



**“provides the blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs and resources, and local ability...” (CFR).**





# Planning Process Overview

A well-defined planning process is essential to the success of Burlington County's HMP Update.

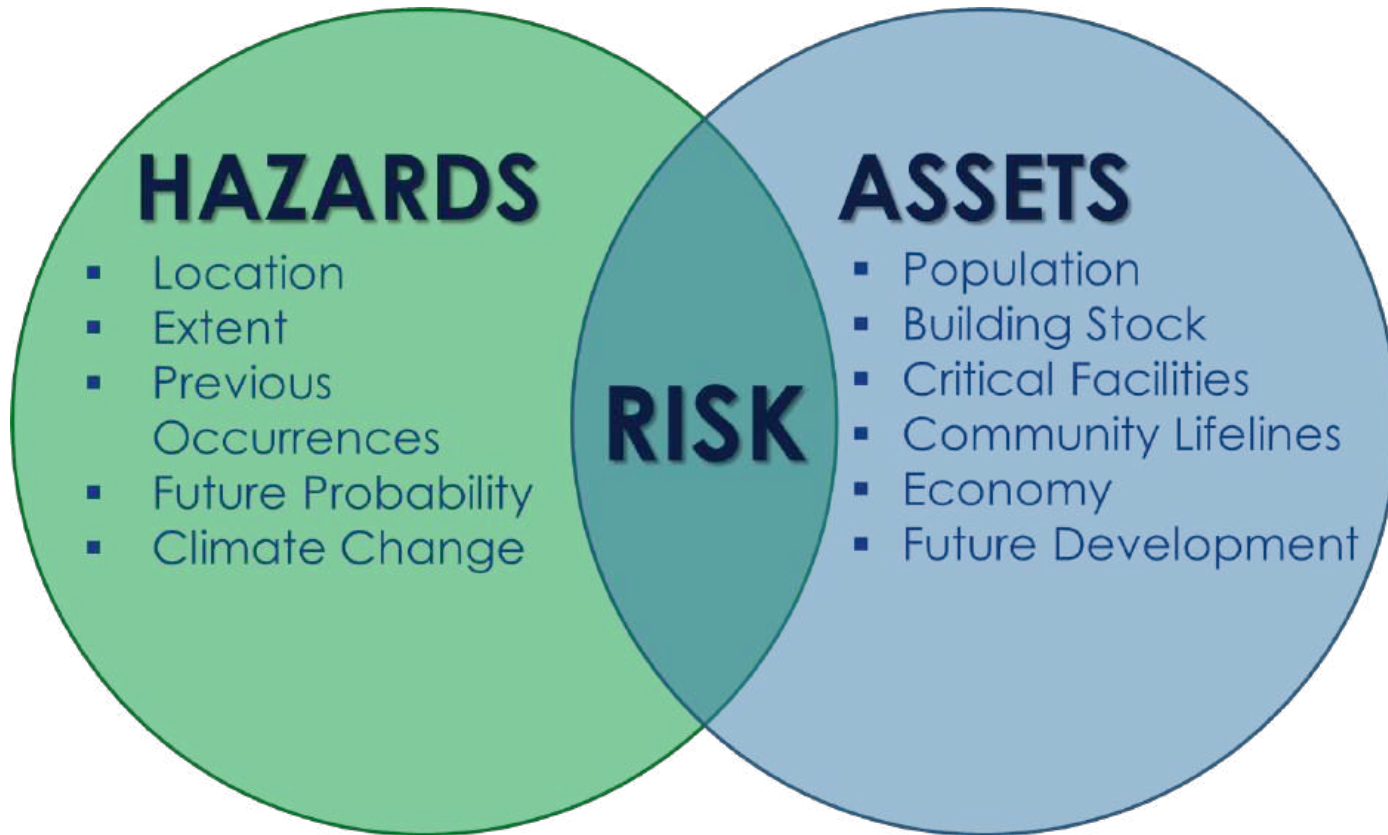




# Planning Process Overview



# Update Risk Assessment



- Updated Assets
- Examined Previous Impacts
- Analyzed Risks
- Reviewed with Steering Committee
- Risk Assessment Meeting (today!)

# Hazards of Concern



**Dam Failure**



**Disease  
Outbreak**



**Drought**



**Earthquake**



**Flood**



**Severe  
Weather**



**Severe Winter  
Weather**



**Wildfire**







# Risk Assessment Overview



# What is Risk?

Risk is defined as a function of :

- Hazard
  - Source of potential danger or adverse condition
- Exposure
  - Manmade or natural features that are exposed to the hazard
- Vulnerability
  - Damage susceptibility of the exposed features
- Adaptive Capacity (or capability)
  - Plans/policies
  - Response/recovery
  - Financial resources





# Purpose of Risk Assessment

- To get a better understanding of the risks you face
- Initial results based on available data
- Quantitative data (population/structures exposed, structural damages within hazard zones) used when available
- Qualitative community input (such as unmapped flood areas) integrated to adjust results
- Local community input to adjust relative rankings







# Preliminary Risk Assessment Results

# Dam Failure

Dam failures in Burlington County are a low-probability and high-consequence event. A dam failure can have devastating impacts on the County. While most dams have storage volumes small enough that failures would have little or no consequences, dams with large storage amounts could cause significant flooding downstream.

## Number of Dams

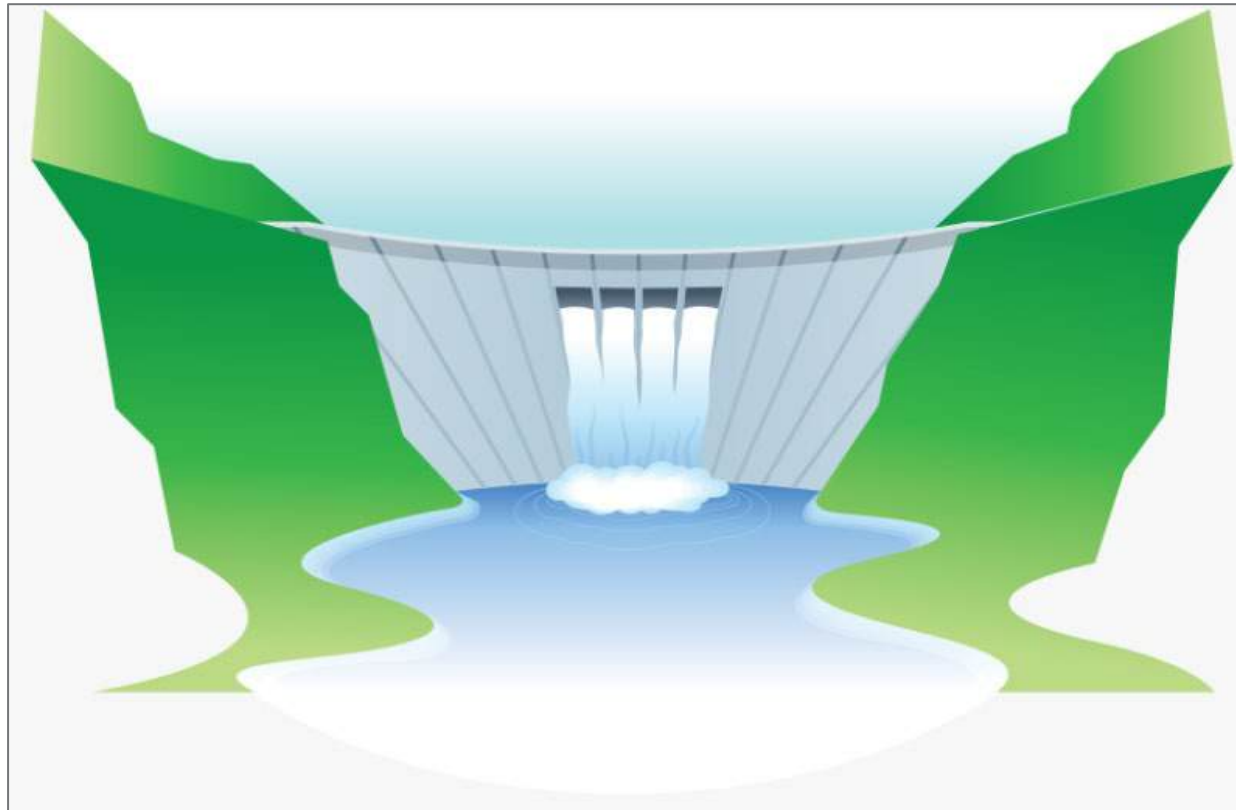
74

- 10 High Hazard
- 40 Significant Hazard
- 24 Low Hazard

## Impacts

- Dam failure can cut evacuation routes, limit emergency access, and/or create isolation issues.
- Severe flooding that follows a dam failure can cause extensive structural damage and withhold essential services.
- The environmental impacts of a dam failure can include significant water-quality and debris-disposal issues or severe erosion that can impact local ecosystems.

## Dam Graphic



## Notable Occurrence



On July 12-13, 2004, the Townships of Lumberton and Medford experienced major flooding due to heavy rainfall. Property damage from the flood was estimated at \$50 million. The flooding led to the evacuation of about 760 residents, the complete destruction of seven homes, major flood damage to approximately 200 homes, flood damage to approximately 1,000 homes, the closing of 25 major roads.

# Disease Outbreak

Disease outbreaks can impact the entirety of Burlington County. Emerging diseases are difficult to contain or treat and present significant challenges to risk communication since the mechanics of transmission, laboratory identification, and effective treatment protocols may be unknown.


Population Exposed

461,860

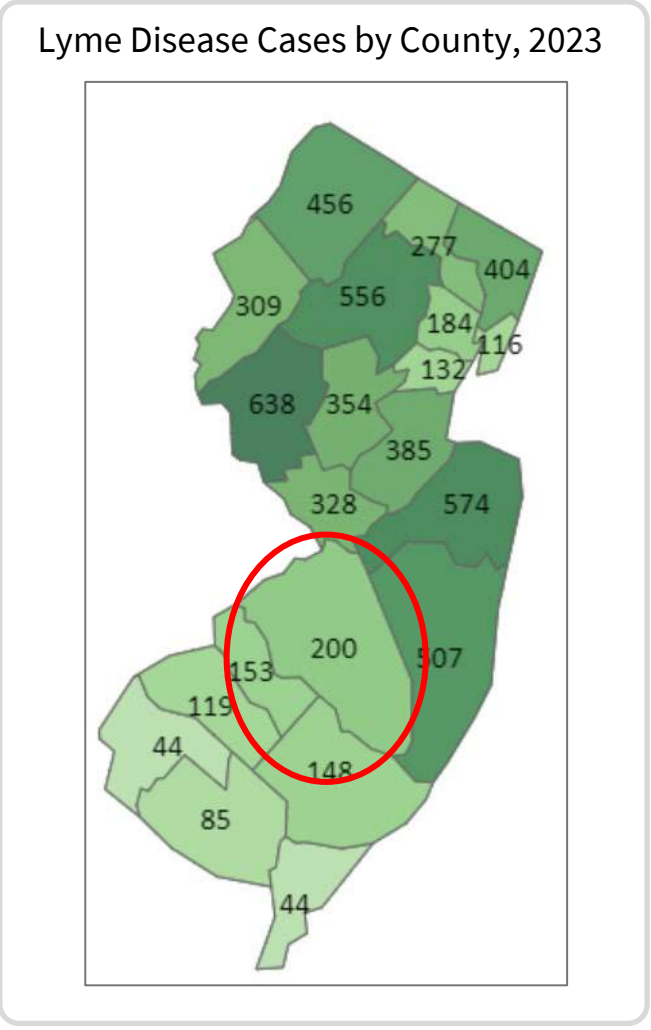
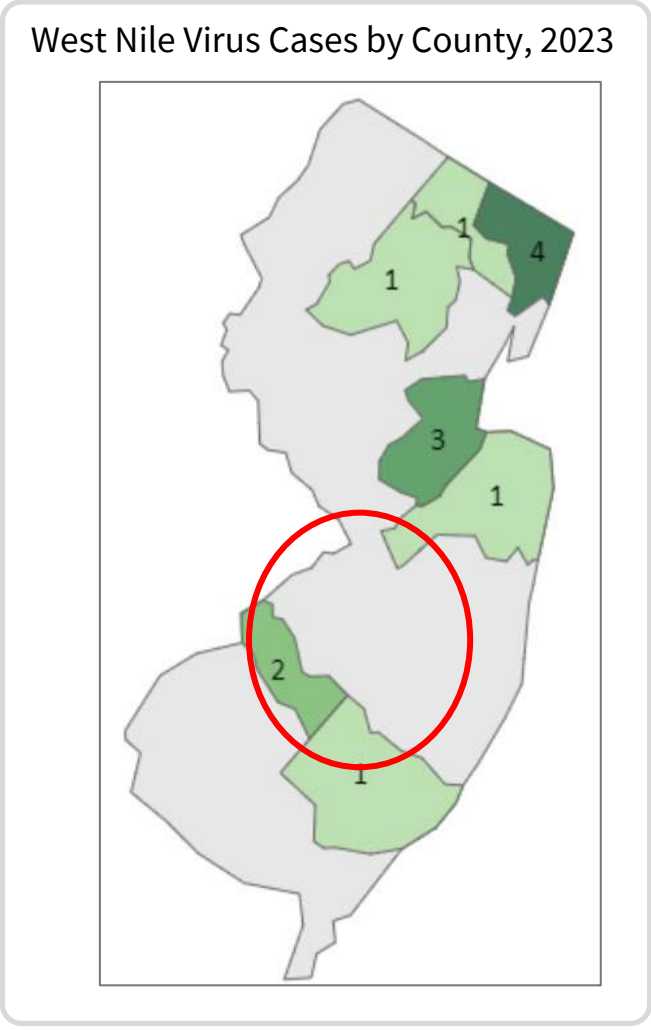
(100%)

The entire County is susceptible

Notable Occurrences



- In 2019, there were 236 confirmed cases of Lyme Disease.
- In 2020, there were 847 confirmed cases of Influenza.
- Since 2020, Burlington County reported 117,710 positive cases of COVID-19 and 681 deaths.



Hazard Types

- Influenza
- West Nile Virus
- Lyme Disease
- Coronavirus



# Drought

Droughts can affect Burlington County's industries and make day to day tasks more difficult to complete when water usage must be monitored.

Population Exposed

461,860

(100%)

The entire County is susceptible

USDA Declarations

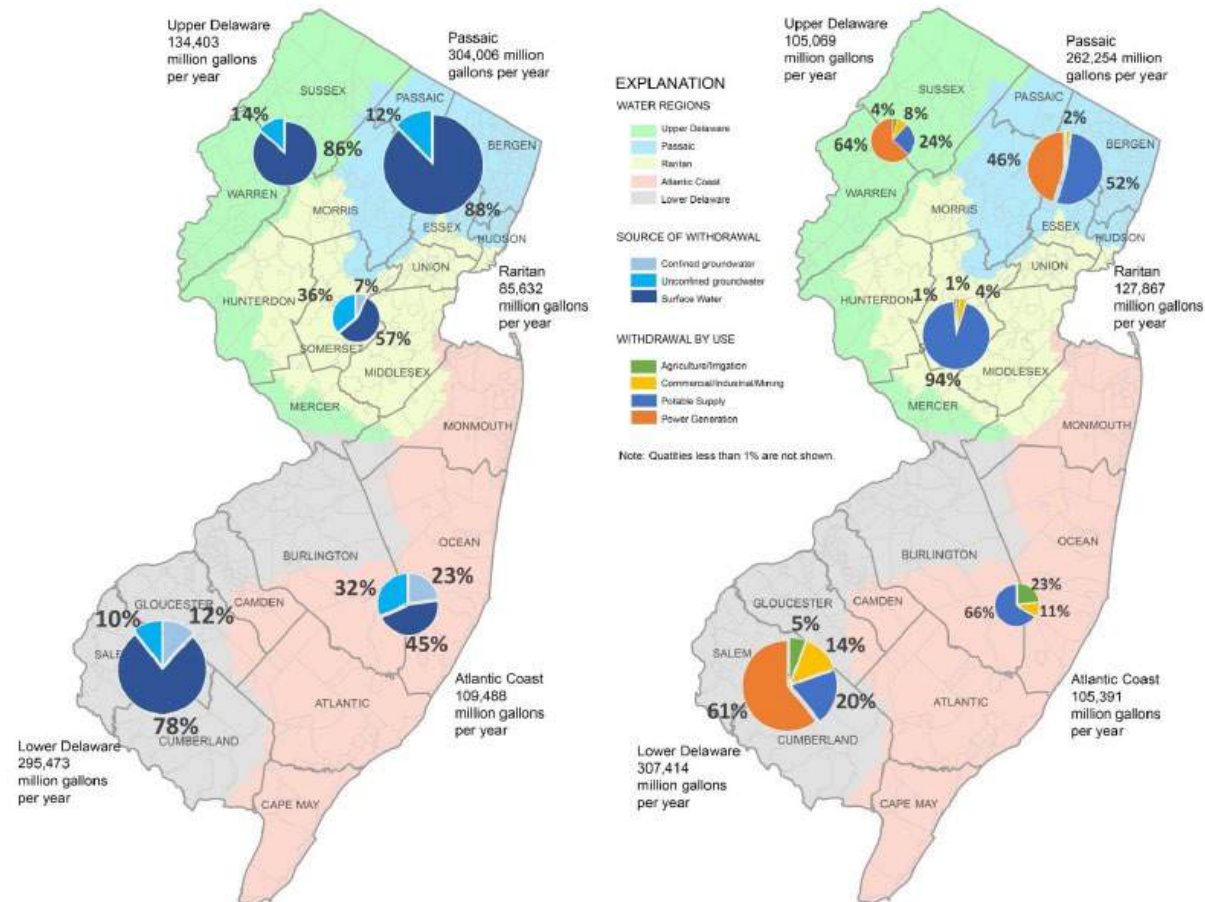
3

- 3 Drought declarations

Climate Change Impacts

It is anticipated that droughts lasting 3 to 6 months and longer may slightly increase in frequency under a low emissions scenario and will significantly increase under a high emissions scenario.

Water Regions, Sources and Withdrawal by Sector in New Jersey



Hazard Types



Meteorological



Hydrological



Agricultural



Socioeconomic

# Earthquake



Earthquakes in Burlington County are a low-probability and high-consequence event. An earthquake can have devastating impacts on the County. Ground shaking can lead to the collapse of buildings and bridges and disrupt gas lines, electricity, and phone service.

Population Exposed

**461,860**  
(100%)

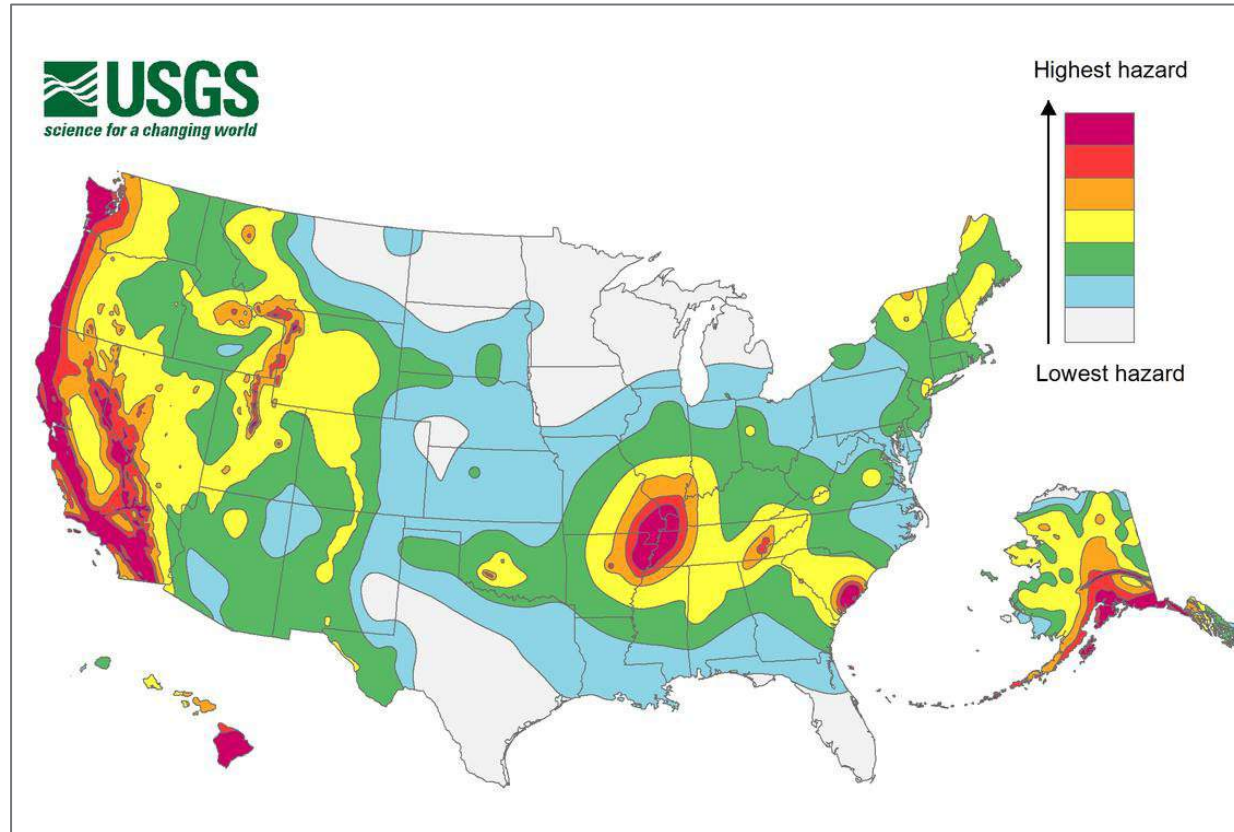
The entire County is susceptible

Notable Occurrences



Small earthquakes may occur several times a year and generally do not cause significant damage. The strongest earthquake with an epicenter in Burlington County was a 3.0 quake in Medford Lakes in 1980.

Location



Hazard Types

- Surface Faulting
- Ground Motion
- Liquefaction
- Tectonic Deformation
- Seiche

# Extreme Temperatures

Extreme temperature includes both heat and cold events, which affects the entire County including, human health and commercial/agricultural businesses. Extreme temperature events can have primary and secondary effects on infrastructure.

Population Exposed

**461,860**

(100%)

The entire County is susceptible

USDA Declarations

**2**

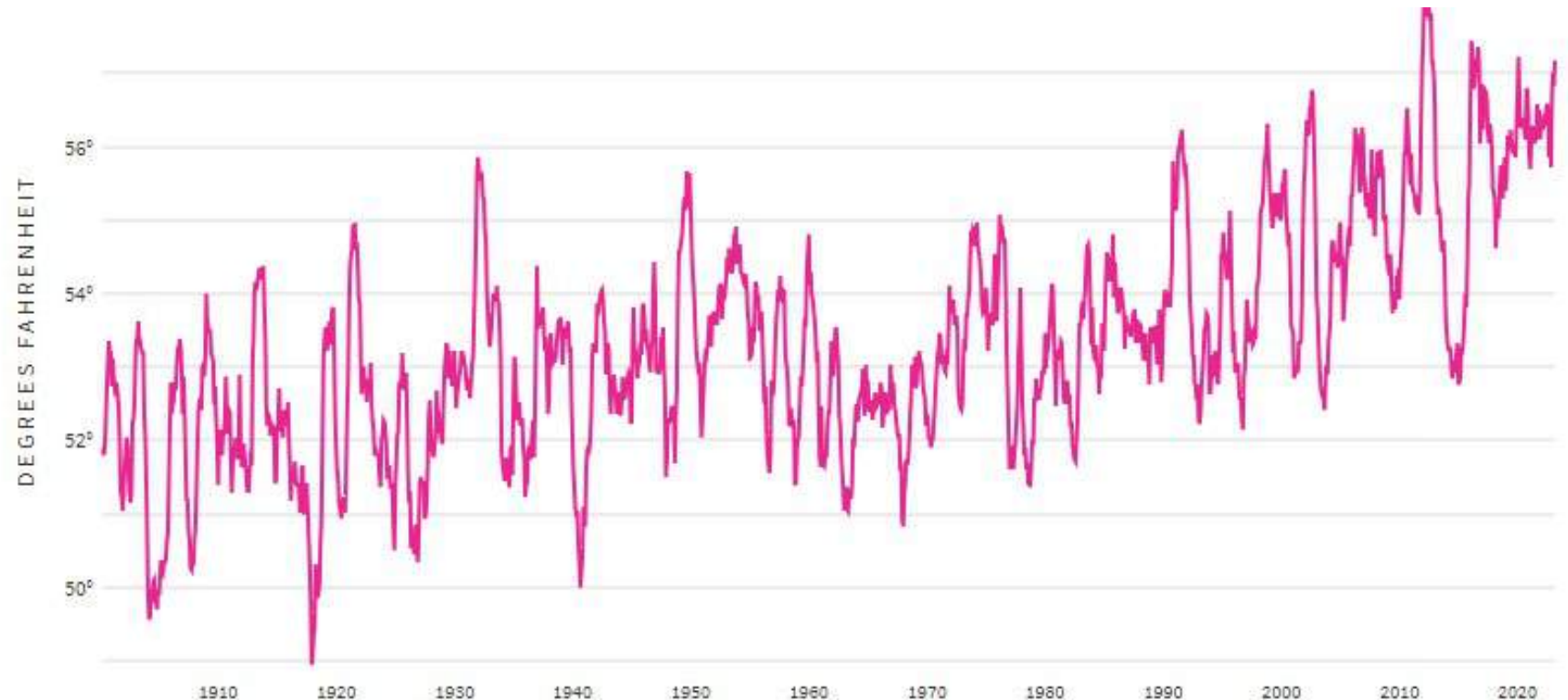
- 2 Excessive Heat declarations

Climate Change Impacts

New Jersey has experienced a 3.5° F (1.9° C) increase in the State's average temperature. By 2050, temperatures in New Jersey are expected to increase by 4.1 to 5.7° F.



12-Month Temperature Averages in Burlington County





# Flood

Floods are one of the most frequent and costly natural hazards in Burlington County in terms of human hardship and economic loss, particularly to communities that lie within flood prone areas or floodplains.

## Population Exposed

**14,583**  
(3.2%)

In 1% Annual Chance Flood Area

**25,026**  
(5.4%)

In 0.2% Annual Chance Flood Area

## Number of Buildings Exposed

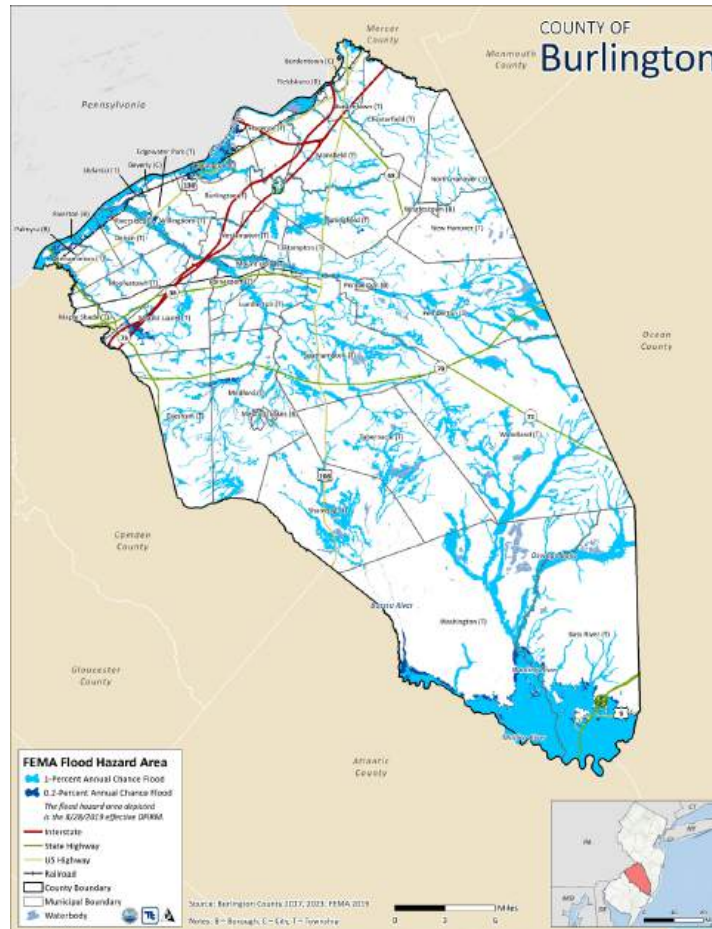
**5,163**

In 1% Annual Chance Flood Area

**8,739**

In 0.2% Annual Chance Flood Area

## Location



## Flood Building Replacement Cost Value

**\$9,333,016,825**

In 1% Annual Chance Flood Area

**\$14,060,945,896**

In 0.2% Annual Chance Flood Area



## Land Exposed to Flood Hazard

**72,903**  
(14.6%)

## Sea Level Rise Impacts

### 1-Foot Hazard Area

- 225 Persons Located in Hazard Area
- 90 Buildings Located in Hazard Area

### 3-Foot Hazard Area

- 677 Persons Located in Hazard Area
- 272 Buildings Located in Hazard Area

## Hazard Types



Riverine / Inland



Flash Flood



Urban / Stormwater



Coastal



Ice Jam



Erosion



Sea Level Rise

# Severe Weather

Severe weather can occur anywhere in the County at any time and have the potential to be life-threatening. It is critical for the community to prepare and be aware of forecasts in their local jurisdictions.

Population Exposed

**461,860**

(100%)

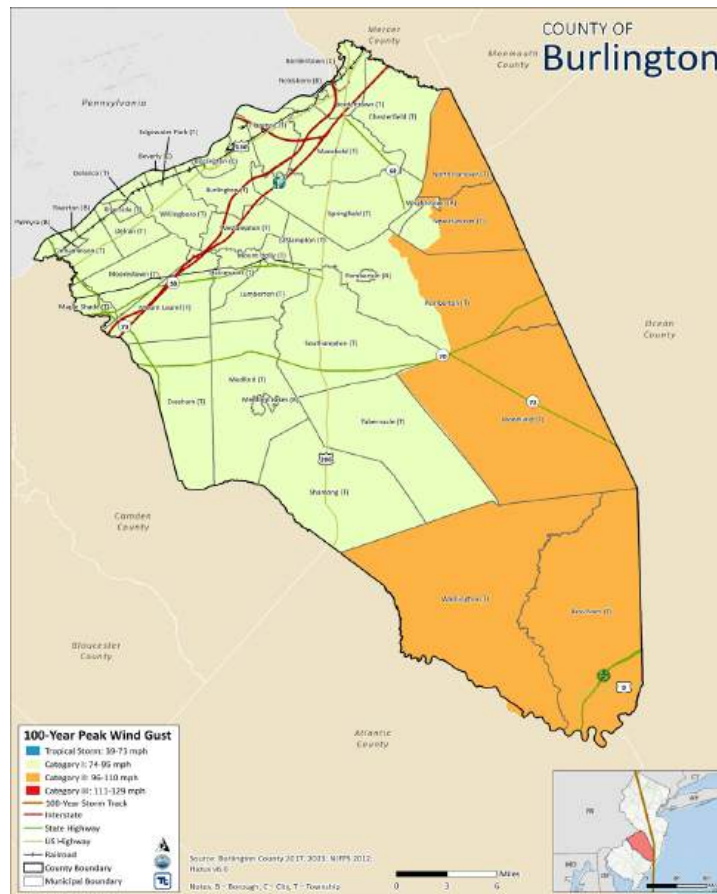
The entire County is susceptible

Notable Occurrences



The remnants of Hurricane Ida resulted in widespread thunderstorms. An EF-1 tornado formed in Burlington Township, near Edgewater Park. Extensive tree damage was reported. Power outages occurred due to damages to powerlines.

Location



Potential Impacts

- Essential Services Interruptions Power Outages
- Traffic Accidents
- Downed Trees
- Property Damage
- Personal Injury / Loss of Life

Climate Change Impacts

New Jersey has experienced a 3.5° F (1.9° C) increase in the State's average temperature. By 2050, temperatures in New Jersey are expected to increase by 4.1 to 5.7° F. Increases will be more conducive to increased frequency and intensity of severe storms (e.g., thunderstorms, tornadoes).



Hazard Types



High Wind



Tornado



Thunderstorm and Lightning



Hailstorms



Hurricanes and Tropical Storms

# Severe Winter Weather

Severe winter weather can occur anywhere in the County and have the potential to be life-threatening. It is critical for the community to prepare and be aware of forecasts in their local jurisdictions.

Population Exposed

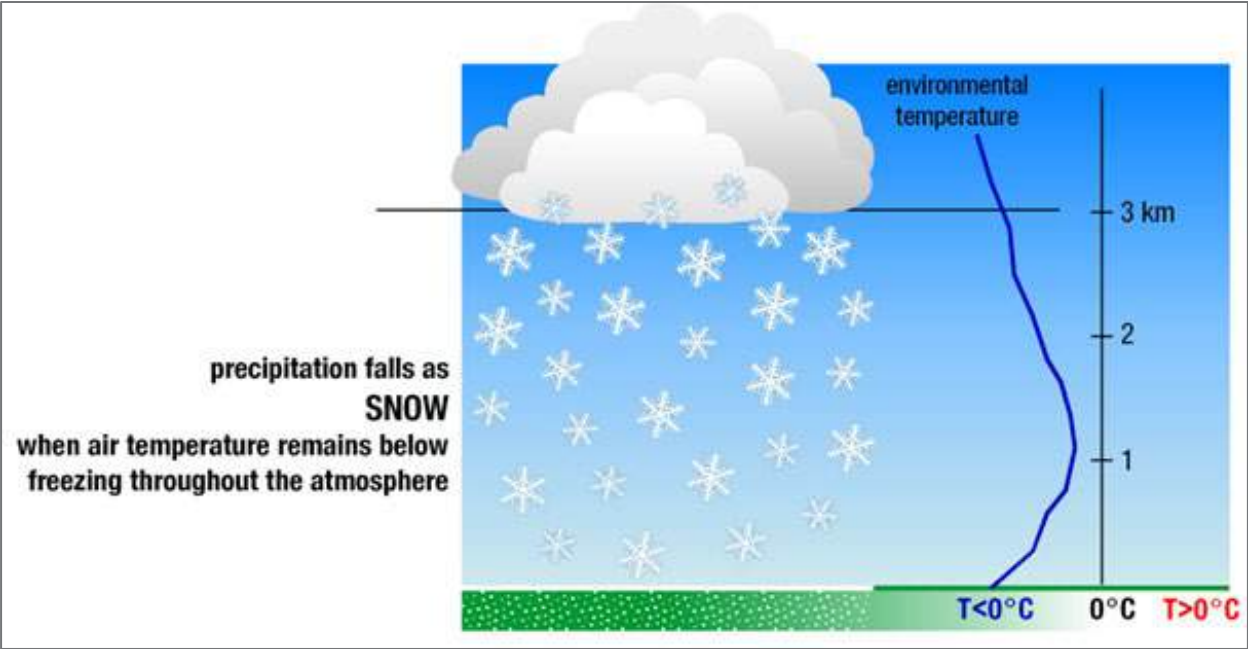
461,860  
(100%)

The entire County is susceptible

Hazard Types

- Heavy Snow
- Blizzard
- Sleet
- Ice Storm
- Nor'easter

Formation of Snow



Notable Occurrences



The Blizzard of 1996 dropped roughly 30 inches of snow in parts of Burlington County on January 7, 1996. Property damage was in the millions and the storm resulted in one death.



# Wildfire

Wildfire events in Burlington County typically occur toward the forested southeastern portions of the County in the Pinelands. Wildfires can have impacts on critical services, utilities, and properties, and may cause injury.

Population Exposed

**6,406**

(1.4%)

Of the County is susceptible

Building Replacement Cost Value

**\$4,963,331,009**

In Extreme, Very High, or High  
Wildfire Fuel Risk Hazard Area

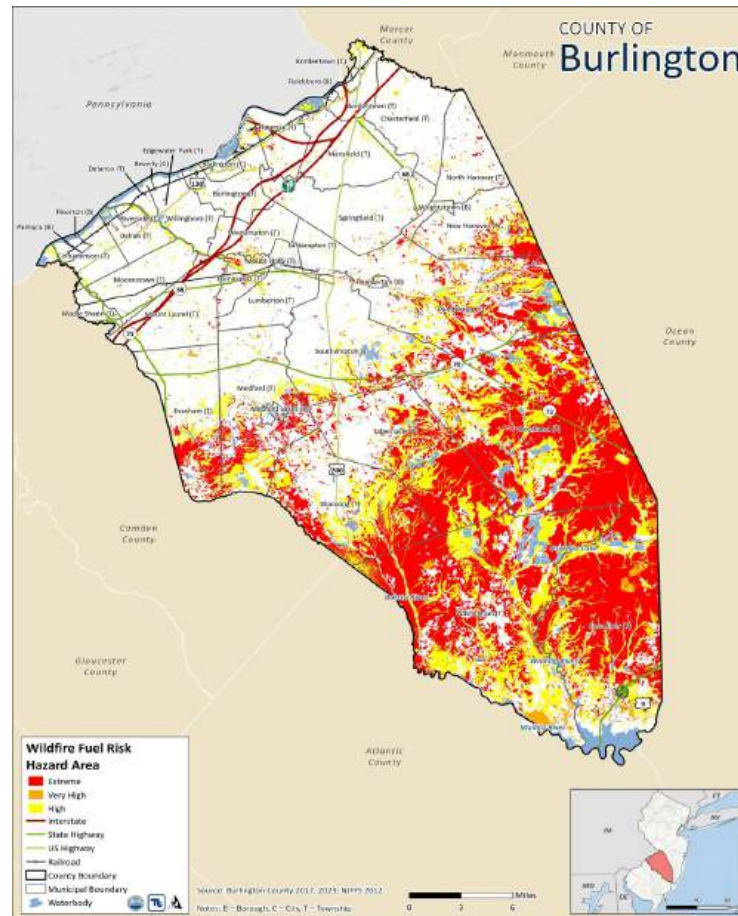
Number of Buildings Exposed

**2,140**

(1.4%)

In Extreme, Very High, or High  
Wildfire Fuel Risk Hazard Area

Location



Notable Occurrences



On June 19-21, 2022 a wildfire was detected in a remote section of the Wharton State Forest in Mullica Twp. Unseasonably dry, windy conditions, combined with difficulty in accessing the initial fire location, led to rapid fire spread. When the fire was fully contained an estimated 14,983 acres had burned. This made it the largest wildfire in New Jersey since 2007.

Climate Change Impacts

Burlington County can expect warmer and drier conditions which may increase the frequency and intensity of wildfires. Higher temperatures are expected to increase the amount of moisture that evaporates from land and water. These changes have the potential to lead to more frequent and severe droughts, which, in turn, increases the likelihood of wildfires.



# Hazard Rankings

Review the calculated hazard rankings and provide your feedback.

# Preliminary Hazard Ranking Methodology



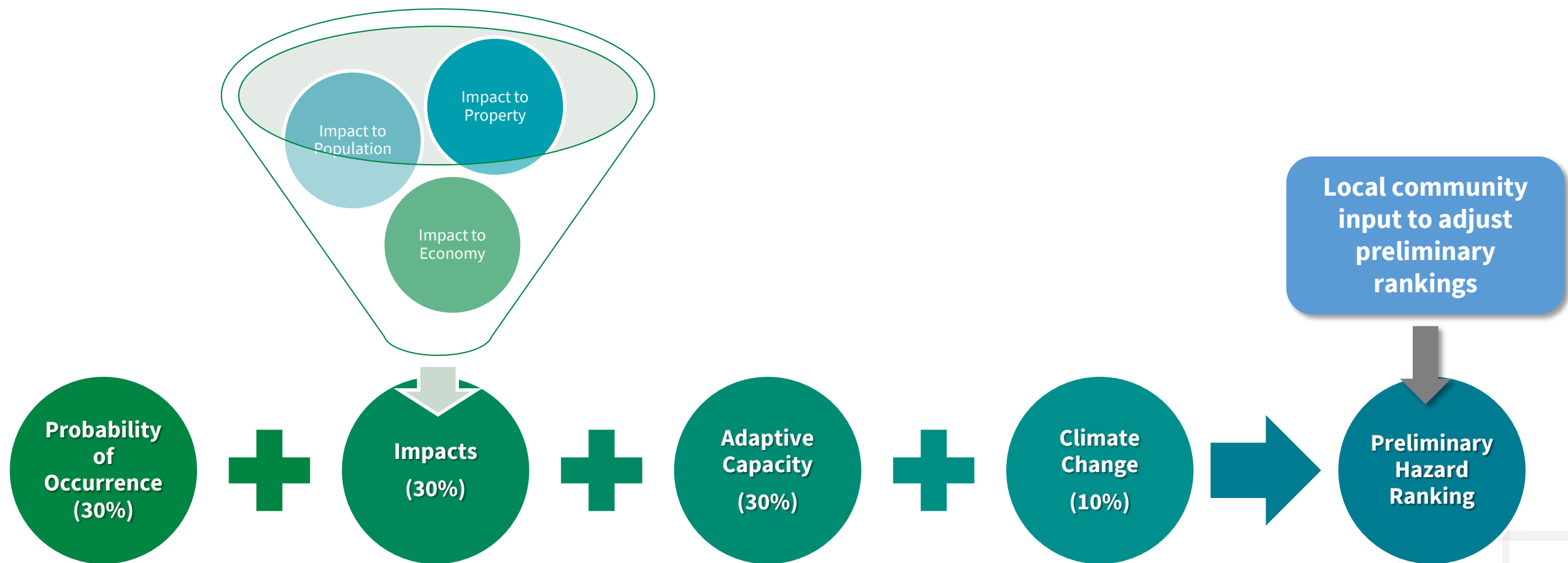
- The calculated probability of a hazard occurring based on historical data
- *Impacts to people, property, and the economy* based on GIS data and analysis of exposure.
- The degree to which climate change will affect future occurrences based on best available data.
- The degree to which existing capabilities (the ability of your community to respond to the hazard based on ordinances, mitigation strategies and procedures, and readiness) decrease overall risk.







# Preliminary Hazard Ranking Formula



# Risk Ranking



## High

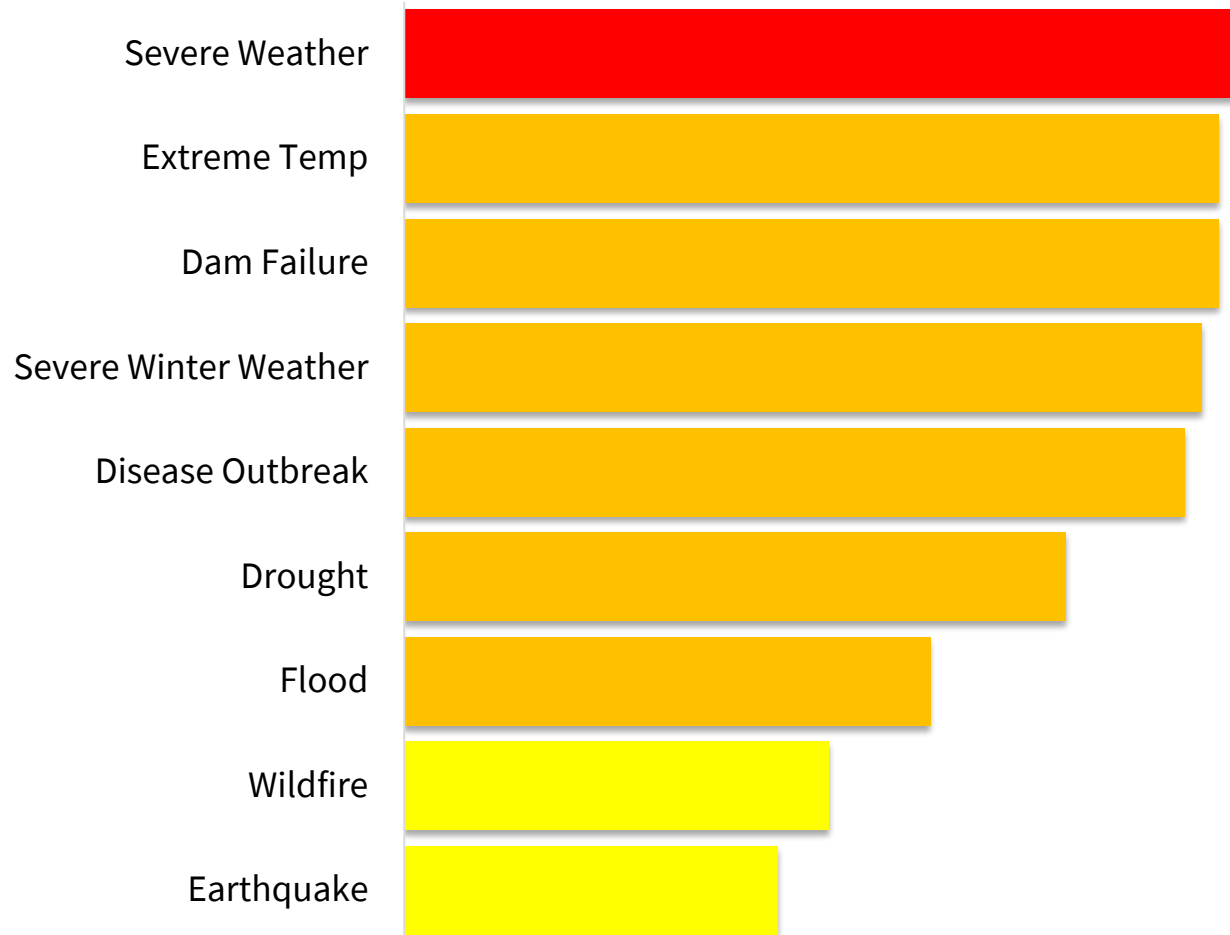
- Severe Weather

## Medium

- Extreme Temperature
- Dam Failure
- Severe Winter Weather
- Disease Outbreak
- Drought
- Flood

## Low

- Wildfire
- Earthquake

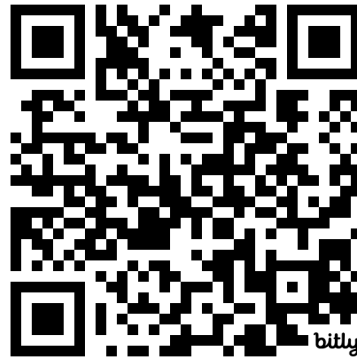




# Meeting Wrap-Up

- Do you live in Burlington County? Consider taking the Public Survey!

- <https://bit.ly/45c7Gol>



- Do you work in Burlington County? Consider taking the Stakeholder Survey!

- <https://bit.ly/49lUeka>







# Questions?



## Burlington County Project Contact

Kristen Carr, Office of Emergency Management  
(609) 738-5139 | [KrCarr@co.burlington.nj.us](mailto:KrCarr@co.burlington.nj.us)

## Tetra Tech Project Manager

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(973) 630-8357 | [chris.huch@tetrattech.com](mailto:chris.huch@tetrattech.com)

## Tetra Tech Lead Planner

Jessica Stokes, MSEM, NJCEM  
(973) 630-8017 | [jessica.stokes@tetrattech.com](mailto:jessica.stokes@tetrattech.com)



Thank  
You!



**BURLINGTON COUNTY HAZARD MITIGATION PLAN UPDATE**  
**Steering Committee Draft Plan Review Meeting – AGENDA**  
**MEETING DATE/TIME: February 15, 2024 1:00 P.M. – 2:00 P.M. EST.**



**Virtual Meeting**

**Dial-In Phone Number: +1 617-865-5234; Conference ID: 555 226 731#**

**Join by Meeting: <https://msteams.link/O014>**

- 1. Opening Remarks**
- 2. Schedule Review**
- 3. Public and Stakeholder Outreach**
- 4. HMP Draft Review**
  - **What's New?**
  - **2024 Framework**
  - **Review Process**
- 5. Next Steps**
- 6. Adjournment**

**Burlington County Project Contacts**

Kristen Carr, Deputy OEM Coordinator  
Burlington County OEM  
(609) 738-5139 | [krcarr@co.burlington.nj.us](mailto:krcarr@co.burlington.nj.us)

**Tetra Tech Project Contacts**

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(973) 630-8357 | [chris.huch@tetrattech.com](mailto:chris.huch@tetrattech.com)

Jessica Stokes, MSEM, NJCEM  
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**Burlington County, NJ – Hazard Mitigation Plan 2024 Update  
Steering Committee Draft Plan Review Meeting | Meeting Minutes**



| <b>Purpose of Meeting:</b>  | Steering Committee Draft Plan Review Meeting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                        |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Location of Meeting:</b> | Teleconference                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                        |
| <b>Date of Meeting:</b>     | February 15, 2024 @ 1:00 P.M.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                        |
| <b>Attendees:</b>           | <ul style="list-style-type: none"> <li>• <b>Burlington County Division of Emergency Management</b> <ul style="list-style-type: none"> <li>○ Darryl Williams, OEM Coordinator</li> <li>○ Kristen Carr, OEM Deputy Coordinator</li> <li>○ Jerome Kilkenny, Transportation Coordinator</li> <li>○ Thomas Stanuikynas, County Planner</li> <li>○ Todd Wirth, Management Specialist</li> </ul> </li> <li>• <b>Burlington County Department of Health</b> <ul style="list-style-type: none"> <li>○ Monquie Davis, Assistant Health Officer</li> </ul> </li> <li>• <b>Burlington County Division of GIS</b> <ul style="list-style-type: none"> <li>○ David Rickert, GIS Specialist 2</li> </ul> </li> <li>• <b>Mansfield (Twp)</b> <ul style="list-style-type: none"> <li>○ Matthew Konowicz, Township Fire Department</li> </ul> </li> <li>• <b>Moorestown (Twp)</b> <ul style="list-style-type: none"> <li>○ Jim Carruthers, OEM Coordinator</li> </ul> </li> <li>• <b>Springfield (Twp)</b> <ul style="list-style-type: none"> <li>○ Andrew Eaton, Deputy Mayor</li> </ul> </li> <li>• <b>Burlington County High School</b> <ul style="list-style-type: none"> <li>○ James Flynn, Principal</li> </ul> </li> <li>• <b>NJSP</b> <ul style="list-style-type: none"> <li>○ Cansu Yerdeleni, Mitigation Unit</li> <li>○ Kathy Lear, Mitigation Unit</li> <li>○ Christopher Warwick, NJSP NJOEM ERB-South</li> <li>○ Brianna Kanabrocki, Disaster Recovery</li> <li>○ James Buckley, Trooper</li> <li>○ Jordan Siegel, Trooper</li> </ul> </li> <li>• <b>Northern Burlington County Regular School District</b> <ul style="list-style-type: none"> <li>○ Matthew Konowicz, Director of Instruction for Agriscience, Applied Technology, Business &amp; Technology, Visual &amp; Performing Arts</li> </ul> </li> <li>• <b>Rowan College Burlington County Public Safety</b> <ul style="list-style-type: none"> <li>○ Andrew Eaton, Director of Public Safety</li> </ul> </li> <li>• <b>Tetra Tech</b> <ul style="list-style-type: none"> <li>○ Chris Huch, Project Manager</li> <li>○ Jessica Stokes, Lead Planner</li> </ul> </li> </ul> |                                                                                                        |
| <b>Agenda Summary:</b>      | The purpose of the meeting was to provide an update on the planning process and status update, provide an opportunity for the Steering Committee to comment on the draft 2024 Burlington County HMP framework, discuss the Plan Maintenance strategy for the 2024 HMP, review the FEMA Approval Process, discuss next steps, and address any questions or comments.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                        |
| Item No.                    | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Action item(s):                                                                                        |
| 1                           | Introductions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                                                                      |
| 2                           | <b>Project Status</b> <ul style="list-style-type: none"> <li>• Finalize Plan Maintenance – December 2023</li> <li>• Draft Plan – January 2024</li> <li>• Draft to NJOEM – February 2024</li> <li>• Draft to FEMA – March 2024</li> <li>• Public Outreach and Engagement <ul style="list-style-type: none"> <li>○ Post links on social media and department/agency websites</li> <li>○ Make efforts to reach out to: <ul style="list-style-type: none"> <li>▪ General Public</li> <li>▪ Stakeholders</li> <li>▪ Neighbors</li> <li>▪ Socially Vulnerable Populations</li> </ul> </li> </ul> </li> <li>• Annex Status</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Steering Committee</b> <ul style="list-style-type: none"> <li>• Continue public outreach</li> </ul> |
| 3                           | <b>HMP Draft Review</b> <ul style="list-style-type: none"> <li>• What's New in the 2023 Update?</li> <li>• New FEMA requirements</li> <li>• Updated critical facilities inventory and included community lifelines</li> <li>• Incorporated new hazards of concern and performed new risk analysis</li> <li>• Enhanced the capability assessment for each participating jurisdiction</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                                                                      |



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|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 4 | <p><b>2024 HMP Framework</b></p> <ul style="list-style-type: none"> <li>• Volume I <ul style="list-style-type: none"> <li>○ Section 1 Introduction <ul style="list-style-type: none"> <li>▪ This is the introduction of the HMP, explains the update process, who participated, and what changes have been made since the last plan.</li> </ul> </li> <li>○ Section 2 Planning Process <ul style="list-style-type: none"> <li>▪ Provides a timeline of how the planning process was done and everything that went into developing the plan. It includes meeting dates, activities, and plan participants.</li> </ul> </li> <li>○ Section 3 County Profile <ul style="list-style-type: none"> <li>▪ Provides general information for the Planning Area and critical facilities/lifelines located within the area.</li> </ul> </li> <li>○ Section 4 Risk Assessment <ul style="list-style-type: none"> <li>▪ Provides a foundation for the rest of the planning process – which focuses on identifying and prioritizing actions to reduce risk to hazards.</li> </ul> </li> <li>○ Section 5 Capability Assessment <ul style="list-style-type: none"> <li>▪ Identifies the primary types of capabilities – planning and regulatory, administrative, and technical, financial, and education and outreach –existing plans, policies, programs, etc. available at the county, state, and federal level to help the County and municipalities accomplish mitigation.</li> </ul> </li> <li>○ Section 6 Mitigation Strategy <ul style="list-style-type: none"> <li>▪ Gives an overview of the process and then in each annex, we show the projects and procedures you all will do to reduce or eliminate future losses from hazards.</li> </ul> </li> <li>○ Section 7 Plan Maintenance <ul style="list-style-type: none"> <li>▪ Describes how the County will keep the hazard mitigation plan up to date over the next five years. <ul style="list-style-type: none"> <li>• Utilize County Emergency Management Meetings</li> <li>• Annual process</li> <li>• Utilize BATool for the first year for maintenance</li> <li>• Kristen Carr to be Plan Coordinator for HMP for current and future public comment</li> <li>• Move all plan documentation to County website</li> </ul> </li> </ul> </li> </ul> </li> <li>• Volume II <ul style="list-style-type: none"> <li>○ Section 8 Planning Partnership <ul style="list-style-type: none"> <li>▪ Gives an overview of how each jurisdiction participated in the plan and how the annexes are laid out.</li> </ul> </li> <li>○ Section 9 Jurisdictional Annexes <ul style="list-style-type: none"> <li>▪ Where the individual jurisdictional annexes of the plan are located. It shows us who participated in the plan, gives a general description of the municipality, outlines and summarizes your capabilities at the local level, provides the jurisdictional hazard ranking, includes a status of mitigation actions from 2019 and then includes mitigation actions for the 2024 HMP.</li> </ul> </li> </ul> </li> <li>• Appendices: This is where you'll find a draft adoption/resolution for when you need to adopt the plan, tables of who participated in the process and how; meeting documentation (minutes, presentations, etc.), public and stakeholder</li> </ul> |  |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

**Burlington County, NJ – Hazard Mitigation Plan 2024 Update**  
**Steering Committee Draft Plan Review Meeting | Meeting Minutes**



|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |   |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|   | <p>outreach; mitigation strategy data; plan maintenance tools; critical facilities (the list of facilities will not be posted for public review due to their sensitive nature); and linkage procedures for anyone who didn't participate this time around and would like to join the plan in the next 5 years.</p> <ul style="list-style-type: none"> <li>○ Appendix A Plan Adoption</li> <li>○ Appendix B Participation Documentation</li> <li>○ Appendix C Meeting Documentation</li> <li>○ Appendix D Public and Stakeholder Outreach Documentation</li> <li>○ Appendix E Mitigation Strategy Supplementary Data</li> <li>○ Appendix F Plan Maintenance Tools</li> <li>○ Appendix G Critical Facilities</li> <li>○ Appendix H Linkage Procedures</li> </ul>                                                 |   |
| 5 | <p><b>FEMA Approval Process</b></p> <ul style="list-style-type: none"> <li>• The plan is made available for public and State review. <ul style="list-style-type: none"> <li>○ Feedback and comments will be incorporated into a second draft.</li> </ul> </li> <li>• The second draft will be submitted to FEMA for review and approval. <ul style="list-style-type: none"> <li>○ If FEMA has questions or comments those will be addressed.</li> <li>○ FEMA will grant the plan 'Approvable Pending Adoption' status, meaning FEMA will approve the plan once it has been locally adopted.</li> </ul> </li> <li>• The County and municipalities will formally adopt the plan. <ul style="list-style-type: none"> <li>○ Resolution is submitted to FEMA and FEMA grants final approval.</li> </ul> </li> </ul> | - |
| 6 | <p><b>Review the Draft Plan</b></p> <ul style="list-style-type: none"> <li>• The entire plan will be posted on the Burlington County HMP website for a 30-day review period (starting DATE) <ul style="list-style-type: none"> <li>○ You can review sections of the plan during the public review, and we will incorporate any applicable revisions into the final deliverable to the State and FEMA</li> </ul> </li> <li>• NJOEM will begin their review after the public review period</li> <li>• Public feedback to be incorporated as appropriate prior to submittal to NJOEM/FEMA for their review <ul style="list-style-type: none"> <li>○ If needed, we will hold a brief meeting to discuss public comments and how to incorporate – date TBD</li> </ul> </li> </ul>                                   | - |
| 7 | <p><b>Next Steps</b></p> <ul style="list-style-type: none"> <li>• Draft Plan Review Meeting – TODAY!</li> <li>• Any edits to sections of the plan are due March 21, 2024</li> <li>• Public Review Period (30 days) – February 20, 2024</li> <li>• Submit Draft Plan for NJOEM/FEMA Review by April 2024 &amp; May 2024</li> <li>• FEMA approves plan (June/July 2024); begin adoption</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                               | - |
| 8 | <p><b>Questions/Discussion</b></p> <ul style="list-style-type: none"> <li>• Chris Huch: Annex sign-off sheets for municipal annexes? <ul style="list-style-type: none"> <li>○ Kathy Lear: Yes, the State would like to see these.</li> </ul> </li> <li>• Monique Davis: For annual review, will additional stakeholders have opportunity to weigh in. <ul style="list-style-type: none"> <li>○ Chris Huch: We can incorporate that into the process, would be a great reminder to stakeholders and the public that the plan does exist, and can be awarded the opportunity to provide a chance to participate.</li> </ul> </li> </ul>                                                                                                                                                                          | - |





# Burlington County Multi-Jurisdictional Hazard Mitigation Plan 2024 Update

**Steering Committee Draft Plan Review Meeting**


February 15, 2024

While waiting for the meeting to start, please enter your name and department/agency in the chat.





# Today's Agenda

1. Welcome and Introductions
  2. Project Status
  3. Plan Maintenance Procedures
  4. HMP Draft Review
  5. Feedback and Input
  6. Next Steps
  7. Questions/Wrap Up
- 

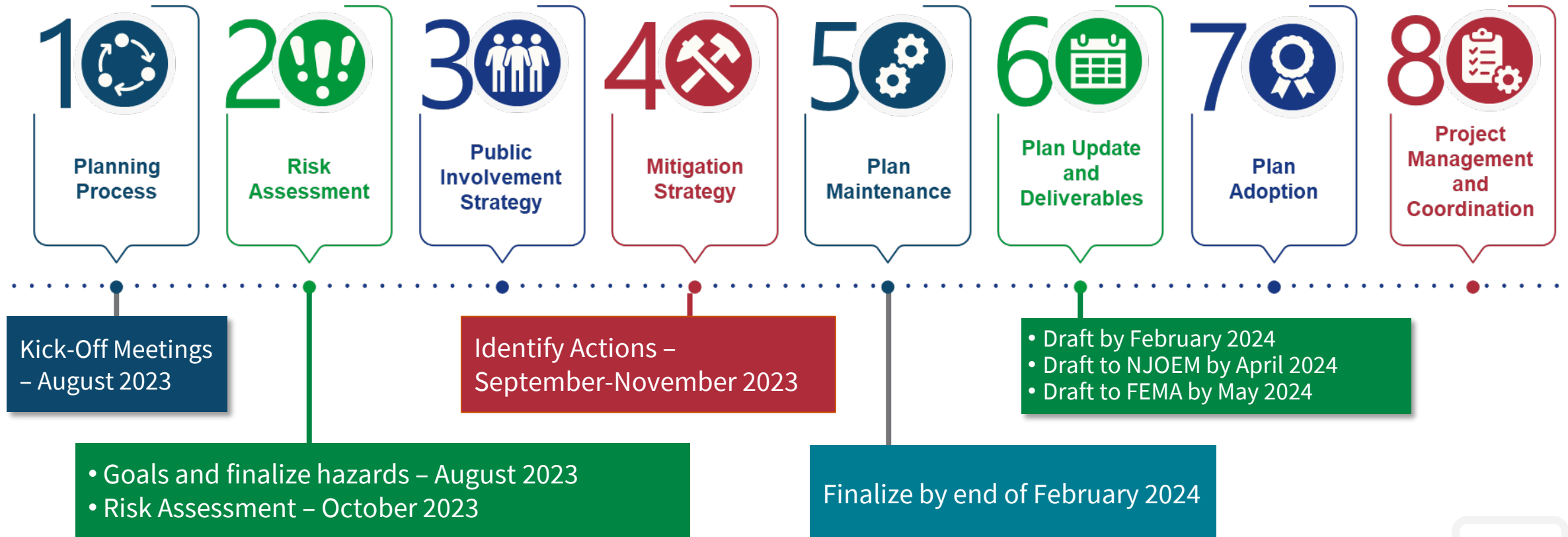




# Project Status



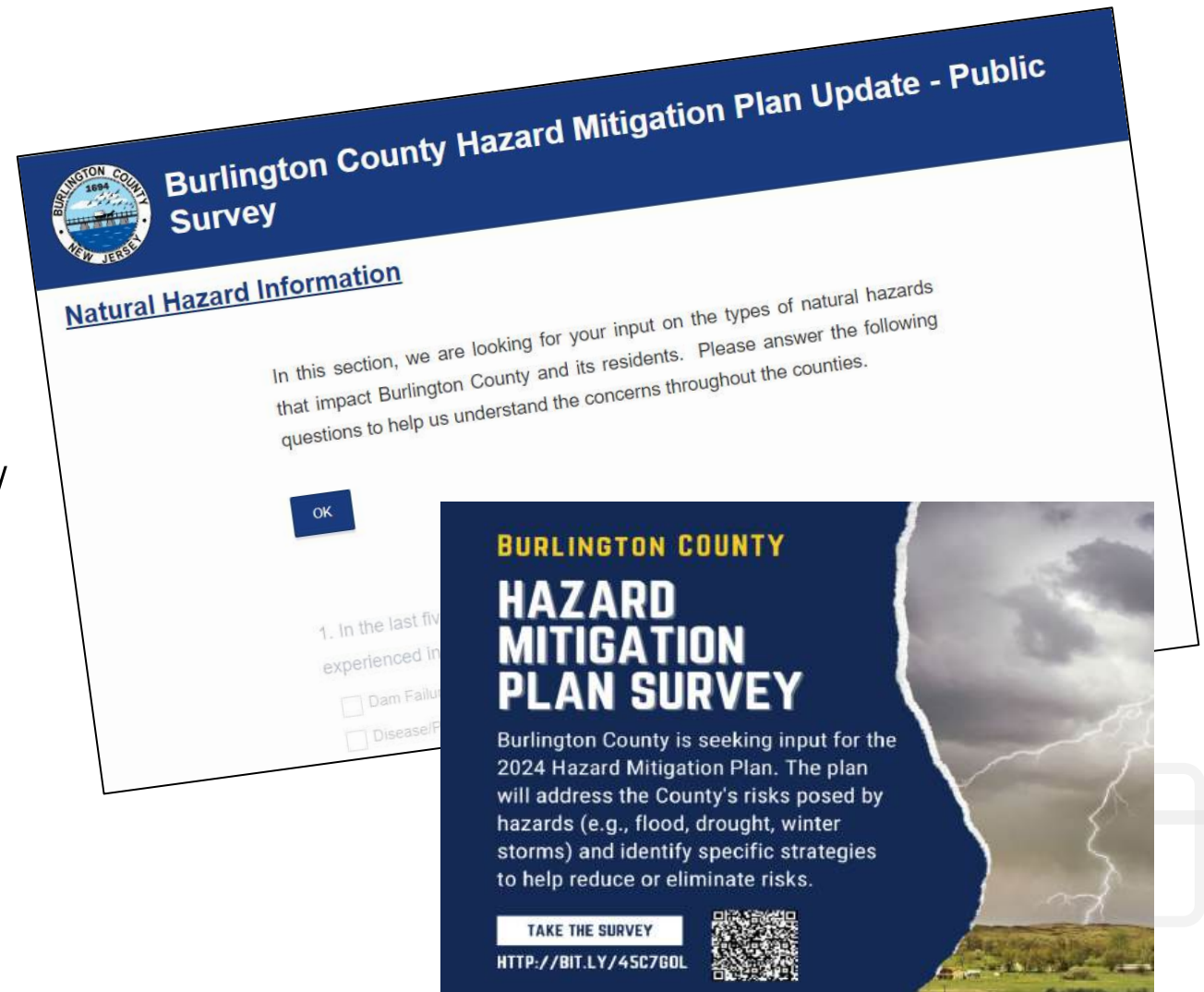
# Schedule



# Public Outreach and Engagement



- Public Outreach Toolkit –
  - Social media templates and posts
  - Printable materials
- Surveys
  - Input on draft plan
- HMP website  
<https://www.burlingtoncountynjhmp.com/>
- Make efforts to reach out to:
  - General Public
  - Stakeholders
  - Neighbors
  - Socially Vulnerable Populations



# Annex Progress



| Jurisdiction       | Status     |
|--------------------|------------|
| Bass River (Twp)   | Incomplete |
| Beverly (C)        | Incomplete |
| Bordentown (C)     | Incomplete |
| Bordentown (Twp)   | Complete   |
| Burlington (C)     | Complete   |
| Burlington (Twp)   | Incomplete |
| Chesterfield (Twp) | Complete   |
| Cinnaminson (Twp)  | Complete   |
| Delanco (Twp)      | Incomplete |
| Delran (Twp)       | Incomplete |

| Jurisdiction         | Status     |
|----------------------|------------|
| Eastampton (Twp)     | Incomplete |
| Edgewater Park (Twp) | Incomplete |
| Evesham (Twp)        | Incomplete |
| Fieldsboro (B)       | Incomplete |
| Florence (Twp)       | Incomplete |
| Hainesport (Twp)     | Incomplete |
| Lumberton (Twp)      | Incomplete |
| Mansfield (Twp)      | Incomplete |
| Maple Shade (Twp)    | Complete   |
| Medford (Twp)        | Complete   |



# Annex Progress



| Jurisdiction        | Status     |
|---------------------|------------|
| Medford Lakes (B)   | Incomplete |
| Moorestown (Twp)    | Complete   |
| Mt. Holly (Twp)     | Incomplete |
| Mt. Laurel (Twp)    | Incomplete |
| New Hanover (Twp)   | Incomplete |
| North Hanover (Twp) | Incomplete |
| Palmyra (B)         | Incomplete |
| Pemberton (B)       | Incomplete |
| Pemberton (Twp)     | Complete   |
| Riverside (Twp)     | Complete   |

| Jurisdiction      | Status     |
|-------------------|------------|
| Riverton (B)      | Incomplete |
| Shamong (Twp)     | Incomplete |
| Southampton (Twp) | Incomplete |
| Springfield (Twp) | Incomplete |
| Tabernacle (Twp)  | Incomplete |
| Washington (Twp)  | Complete   |
| Westampton (Twp)  | Incomplete |
| Willingboro (Twp) | Incomplete |
| Woodland (Twp)    | Incomplete |
| Wrightstown (B)   | Incomplete |

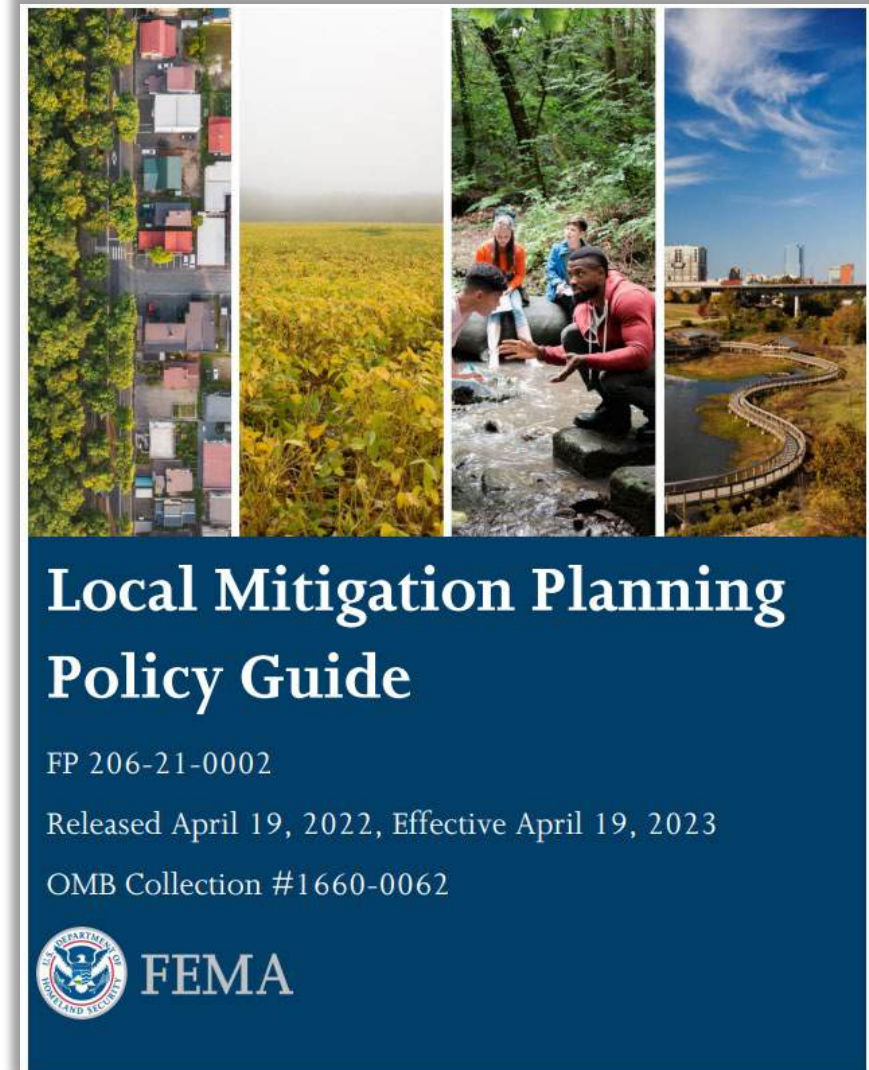


# HMP Draft Review

# What's New in the 2024 Update?



- New FEMA requirements
  - Participation – engaged and actively participating throughout the process
  - Stakeholder involvement
  - Community lifelines
  - Socially vulnerable populations
  - Effects of future conditions (i.e., climate change) on hazards
  - Current and future capabilities integrating hazard mitigation
  - One mitigation action per hazard





# What's New in the 2024 Update?

- **Critical facilities reorganized as Lifeline facilities –**
  - This includes – airports, bridges, cell towers, correctional facilities, dams, schools/daycares, EMS, fire, hazmat, hospitals/health care, police, utilities, tornado sirens, wastewater
  - Inventory has been updated





# What's New in the 2024 Update?

- **Hazards of Concern –**

- Incorporated new hazards, and concise hazard profiles, including recent events
- Risk assessments for each hazard
- Climate change impacts incorporated into the probability of future occurrences
- Adaptive capacity to reduce vulnerability used in hazard ranking
- Impacts on population (general and socially vulnerable), buildings, lifelines, and economy



# What's New in the 2024 Update?

- **Jurisdictional Annexes**

- Enhanced capability assessment including how hazard mitigation is integrated
- One mitigation action for every hazard of concern







# 2024 HMP Framework

## Volume I

- Section 1. Introduction
- Section 2. Planning Process
- Section 3. County Profile
- Section 4. Risk Assessment
- Section 5. Capability Assessment
- Section 6. Mitigation Strategy
- Section 7. Plan Maintenance

## Volume II

- Section 8. Planning Partnership
- Section 9. Jurisdictional Annexes

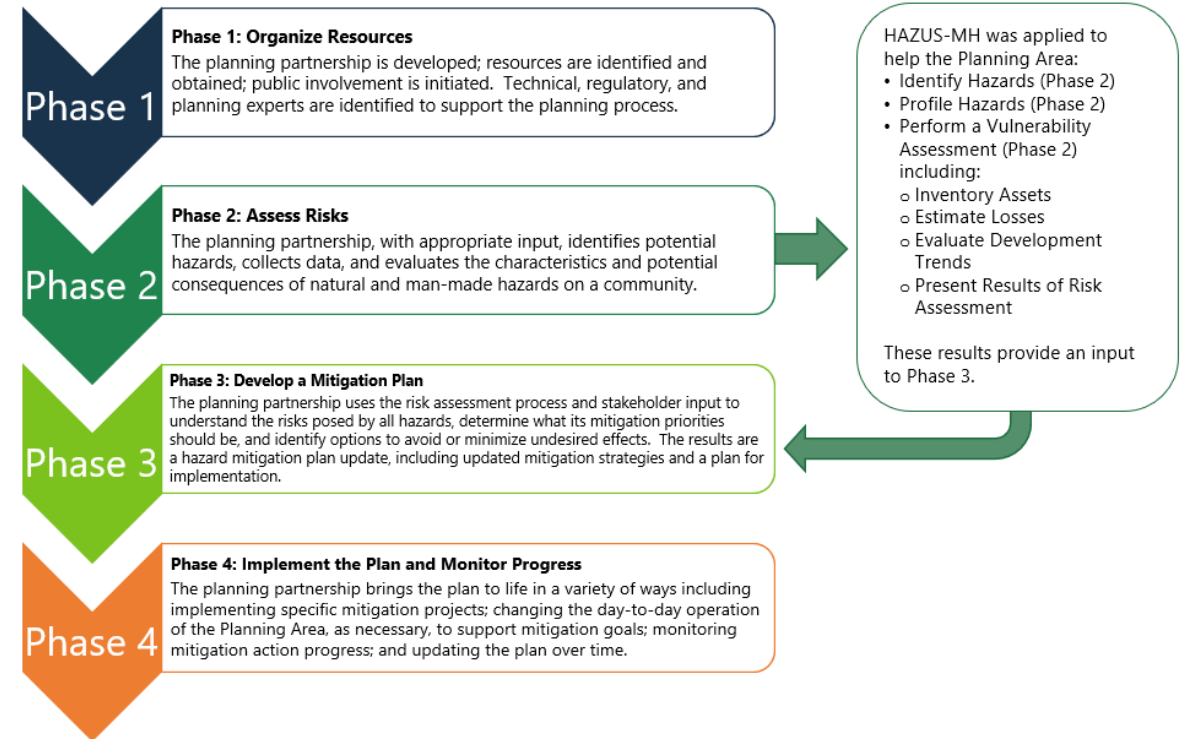
## Appendices

- Appendix A. Adoptions
- Appendix B. Participation
- Appendix C. Meeting Documentation
- Appendix D. Outreach
- Appendix E. Mitigation Strategies
- Appendix F. Plan Maintenance
- Appendix G. Critical Facilities
- Appendix H. Linkage Processes

# Volume I

## 1. Introduction

- Plan Purpose
- Background of the plan
- Plan Organization
- Planning Differences – 2019 HMP vs. 2024 HMP



# Volume I

## 2. Planning Process



- Introduction
- Organization of the Planning Process
  - Organization of the Planning Partnership
  - Planning Activities
- Stakeholder Outreach and Involvement
  - Federal, State, and County Agencies
  - Regional and Local Stakeholders
  - Stakeholder and Neighbor Survey Summaries
- Public Participation – Public Involvement
  - Public Survey Summary
- Plan Integration
- Integration with Planning Mechanisms and Programs
- Continued Public Involvement

| Date            | DMA 2000 Requirement | Description of Activity                                                                                                                                                                                                                                                                                                                                        | Participants                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| June 20, 2023   | 2                    | <u>Pre-Kick Off Meeting with Burlington County:</u> Plan timing and administration, data needs and sharing, hazards of concern, dates, and next steps                                                                                                                                                                                                          | Burlington County, Tetra Tech                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| August 22, 2023 | 2                    | <u>Steering Committee Meeting #1:</u> The purpose of the meeting was to 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, and to 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, NJOEM, Tetra Tech |
| August 29, 2023 | 2, 3c, 4a            | <u>Planning Partnership Meeting #1:</u> The purpose of the meeting was to introduce the Planning                                                                                                                                                                                                                                                               | Burlington County Division of Emergency Management, Burlington County Administration,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |



# Volume I

## 3. County Profile



- General Information
- Major Past Hazard Events
- Physical Setting
  - Location
  - Hydrography and Hydrology
  - Topography and Geography
  - Climate
  - Land Use and Land Cover
- Population and Demographics
  - General Population Characteristics
  - Vulnerable Populations
  - Population Trends
- General Building Stock
  - Development Trends and New Development
- Lifeline Facilities
  - Formerly discussed as Critical Facilities

# Volume I

## 4. Risk Assessment



- 4.1 Hazard of Concern Identification
  - Process to review all potential hazards and identify the hazards that have the potential to impact the Planning Area
- 4.2 Methodology
  - Describes the various procedures and tools used to complete the risk assessment
  - Steps to do so included identifying and profiling each hazard of concern; determine exposure to each hazard; and assess the vulnerability of exposed population/buildings/economy

# Volume I

## 4. Risk Assessment



- 4.3 Hazard Profiles
  - Created individual sections for each hazard of concern.
  - Each section includes:
    - Hazard Profile – description, location, extent, worst-case scenario, previous occurrences, climate change projections, and probability of future events
    - Vulnerability Assessment – impact on life/health/safety, impact on building stock and critical facilities, impact on economy, impact on the environment, future changes that may impact vulnerability, and changes in vulnerability since the last plan
- 4.4 Hazard Ranking
  - Provides a preliminary ranking (high, medium, low) of each hazard to show the Planning Area's hazards of greatest risk

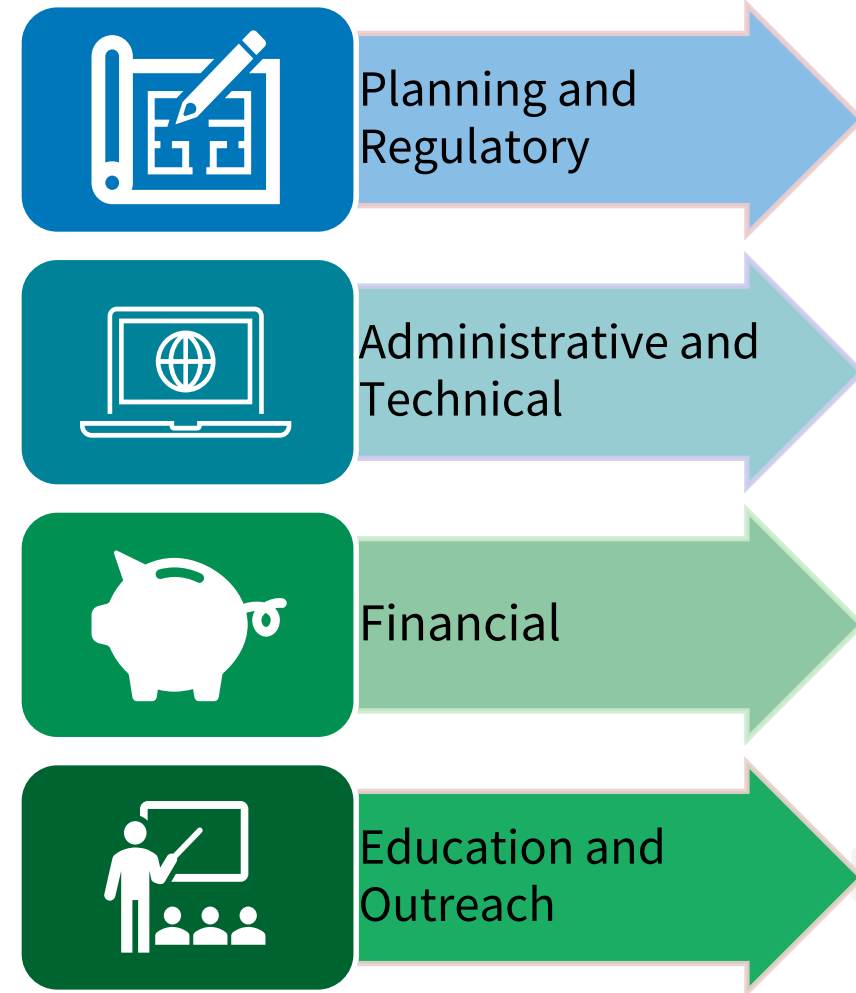




# Volume I

## 5. Capability Assessment

- What is currently available at the federal, state, and county level to support mitigation in Burlington County
  - Available plans, programs, & resources
  - Administrative and technical capabilities
  - Fiscal capabilities
  - Education and outreach



# Volume I

## 6. Mitigation Strategy



- Past accomplishments
- Goals and Objectives
- Mitigation strategy development and update
  - Action identification
  - Evaluation and prioritization
  - Benefit/cost review

| 2024 HMP Update Goals |                                                                                                                |
|-----------------------|----------------------------------------------------------------------------------------------------------------|
| 1                     | Protect Life                                                                                                   |
| 2                     | Protect Property                                                                                               |
| 3                     | Increase public preparedness and awareness                                                                     |
| 4                     | Develop and maintain an understanding of increased risk from hazards climate change impacts to natural hazards |
| 5                     | Enhance mitigation capabilities to reduce hazard vulnerabilities                                               |
| 6                     | Support continuity of operations pre-, during, and post-hazard events                                          |
| 7                     | Reduce the risk of natural hazards for socially vulnerable populations                                         |

# Volume I

## 7. Plan Maintenance



- Ongoing Planning Partnership – meet annually to discuss HMP
- Monitoring
- Continuous evaluation and progress reports
- Updating
- Integrating the HMP with existing and future programs
- Continued public involvement

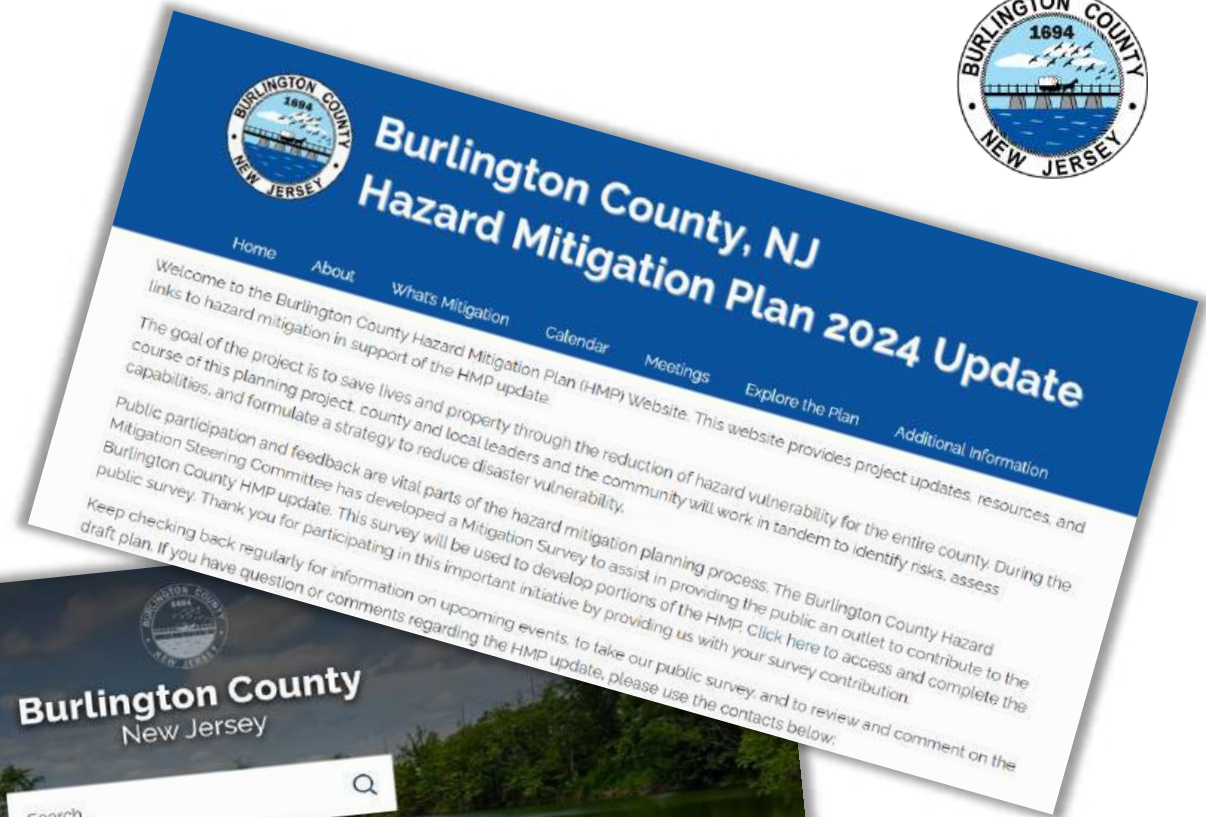




# Volume I

## 7. Plan Maintenance

- Share updates on County website or HMP site?
- Who will be responsible for receiving, tracking, and filing public comments?



# Volume II

- **Section 8 – Planning Partnership**
  - Participating jurisdictions
  - Introduction to jurisdictional annexes
- **Section 9 – Jurisdictional Annexes**
  - Points of Contact and Who Participated
  - Jurisdictional Profile
  - Capabilities
  - Risk Assessment
  - Status of Past Mitigation Actions
  - Current Mitigation Actions





# Section Contents - Appendices

- Appendix A Plan Adoption
- Appendix B Participation Documentation
- Appendix C Meeting Documentation
- Appendix D Public and Stakeholder Outreach Documentation
- Appendix E Mitigation Strategy Supplementary Data
- Appendix F Plan Maintenance Tools
- Appendix G Critical Facilities
- Appendix H Linkage Procedures





# FEMA Approval Process

- The plan is made available for public review.
- The second draft will be submitted to NJOEM and FEMA for review and approval.
- The third draft will be submitted to FEMA for review and approval
  - Once approved, FEMA will grant the plan 'Approvable Pending Adoption' status, meaning FEMA will approve the plan once it has been locally adopted.
- The County and municipalities will formally adopt the plan.
  - Resolution is submitted to FEMA and FEMA grants final approval.





# Review the Draft Plan

- The entire plan will be posted on the Burlington County HMP [website](#) for a 30-day review period (starting February 20, 2024)
  - You can review sections of the plan during the public review, and we will incorporate any applicable revisions into the final deliverable to the State and FEMA
- NJOEM will begin their review after the public review period
- Public feedback to be incorporated as appropriate prior to submittal to NJOEM/FEMA for their review
  - If needed, we will hold a brief meeting to discuss public comments and how to incorporate – date TBD



# Next Steps

- Draft Plan Review Meeting – TODAY!
- Any edits to sections of the plan are due **March 21**
- Public Review Period (30 days) – February 20
- Submit Draft Plan for NJOEM Review by mid April
- Submit Draft Plan for FEMA Review by mid May; begin adoption
- FEMA approves plan (early summer); continue adoption
- Implement Projects and Maintain the Plan ➡ Increase Resilience!





# In-Kind Tracking



Jurisdiction: \_\_\_\_\_

Name: \_\_\_\_\_ Title: \_\_\_\_\_

| Date | Start Time | End Time | # hours | Task Description | Hourly Rate | Total<br># hours x<br>rate | Comments<br><i>describe task in more detail</i> |
|------|------------|----------|---------|------------------|-------------|----------------------------|-------------------------------------------------|
|      |            |          |         |                  | \$          |                            |                                                 |
|      |            |          |         |                  |             |                            |                                                 |
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|      |            |          |         |                  |             |                            |                                                 |

Scan the QR code for the online form to enter your time.



<https://www.surveymonkey.com/r/BurlingtonInKindTracker>



# Questions?



## Burlington County Project Contact

Kristen Carr, Office of Emergency Management  
(609) 738-5139 | [KrCarr@co.burlington.nj.us](mailto:KrCarr@co.burlington.nj.us)

## Tetra Tech Project Manager

Chris Huch, CFM  
(973) 630-8357 | [chris.huch@tetrattech.com](mailto:chris.huch@tetrattech.com)

## Tetra Tech Lead Planner

Jessica Stokes, MSEM, NJCEM  
(973) 630-8017 | [jessica.stokes@tetrattech.com](mailto:jessica.stokes@tetrattech.com)



Thank  
You!





**BURLINGTON COUNTY HAZARD MITIGATION PLAN UPDATE**  
**Public Draft Plan Review Meeting – AGENDA**  
**MEETING DATE/TIME: February 20, 2024 11:00 A.M. – 12:00 P.M. EST.**



**Virtual Meeting**

**Dial-In Phone Number: +1 617-865-5234; Conference ID: 835 983 887#**

**Join by Meeting: <https://msteams.link/PHWO>**

- 1. Opening Remarks**
- 2. Schedule Review**
- 3. HMP Draft Review**
  - **What's New?**
  - **2024 Framework**
  - **Review Process**
- 4. Feedback and Input**
- 5. Adjournment**

**Burlington County Project Contacts**

Kristen Carr, Deputy OEM Coordinator  
Burlington County OEM  
(609) 738-5139 | [krcarr@co.burlington.nj.us](mailto:krcarr@co.burlington.nj.us)

**Tetra Tech Project Contacts**

Chris Huch, CFM  
6 Century Drive, Parsippany, NJ 07054  
(973) 630-8357 | [chris.huch@tetrattech.com](mailto:chris.huch@tetrattech.com)

Jessica Stokes, MSEM, NJCEM  
6 Century Drive, Parsippany, NJ 07054  
(973) 630-8017 | [jessica.stokes@tetrattech.com](mailto:jessica.stokes@tetrattech.com)

**Burlington County, NJ – Hazard Mitigation Plan 2024 Update  
Public Draft Plan Review Meeting | Meeting Minutes**



| <b>Purpose of Meeting:</b>  | Public Draft Plan Review Meeting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| <b>Location of Meeting:</b> | Teleconference                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                 |
| <b>Date of Meeting:</b>     | February 20, 2024 @ 11:00 A.M.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                 |
| <b>Attendees:</b>           | <ul style="list-style-type: none"> <li>• <b>Burlington County</b> <ul style="list-style-type: none"> <li>○ Kristen Carr, Deputy OEM Coordinator</li> <li>○ Todd Wirth, Management Specialist</li> <li>○ Joseph Brickley, Public Works</li> <li>○ John Janis Jr., Division of Roads and Bridges</li> <li>○ Malukah Morris, Community Outreach and Special Projects</li> </ul> </li> <li>• <b>Bordentown (C)</b> <ul style="list-style-type: none"> <li>○ Peg Peak, City Administrator/CFO</li> </ul> </li> <li>• <b>Burlington (C)</b> <ul style="list-style-type: none"> <li>○ Johanna Conyer, Business Administrator</li> <li>○ Frank Caruso, OEM Coordinator</li> <li>○ Ken Shine, Engineer</li> </ul> </li> <li>• <b>Chesterfield (Twp)</b> <ul style="list-style-type: none"> <li>○ Michael Davison, OEM &amp; Police</li> </ul> </li> <li>• <b>Cinnaminson (Twp)</b> <ul style="list-style-type: none"> <li>○ Joe Barbadoro, Township Engineer</li> <li>○ Eric Schubiger, Township Administrator</li> </ul> </li> <li>• <b>Delanco (Twp)</b> <ul style="list-style-type: none"> <li>○ Beverly Russell, Municipal Clerk</li> </ul> </li> <li>• <b>Lumberton (Twp)</b> <ul style="list-style-type: none"> <li>○ Ryan Engle, OEM</li> </ul> </li> <li>• <b>Mansfield (Twp)</b> <ul style="list-style-type: none"> <li>○ George Senf, Mansfield Township OEM</li> </ul> </li> <li>• <b>Medford (Twp)</b> <ul style="list-style-type: none"> <li>○ Robert Dovi, Medford Township OEM</li> <li>○ Beth Portocalis, Special Assistant to the Manager/Open Space &amp; Farmland Coordinator</li> </ul> </li> <li>• <b>Medford Lakes (B)</b> <ul style="list-style-type: none"> <li>○ Frank Bobinchock, OEM</li> </ul> </li> <li>• <b>Moorestown (Twp)</b> <ul style="list-style-type: none"> <li>○ Joan Ponessa, Environmental Advisory Committee Chair</li> </ul> </li> <li>• <b>Palmyra (B)</b> <ul style="list-style-type: none"> <li>○ Ron Lindemuth, OEM</li> <li>○ Al Berg, Public Works</li> </ul> </li> <li>• <b>Riverside (Twp)</b> <ul style="list-style-type: none"> <li>○ Ken Shine, Engineer</li> <li>○ Meghan Jack, Township Administrator</li> </ul> </li> <li>• <b>Shamong (Twp)</b> <ul style="list-style-type: none"> <li>○ John Lyons, OEM</li> </ul> </li> <li>• <b>Southampton (Twp)</b> <ul style="list-style-type: none"> <li>○ Eamonn Fitzpatrick, OEM</li> </ul> </li> <li>• <b>Westampton (Twp)</b> <ul style="list-style-type: none"> <li>○ Lt. Brian Ferguson, OEM</li> </ul> </li> <li>• <b>Willingboro (Twp)</b> <ul style="list-style-type: none"> <li>○ Ken Shine, Engineer</li> <li>○ Dwayne Harris, Township Manager</li> </ul> </li> <li>• <b>Wrightstown (B)</b> <ul style="list-style-type: none"> <li>○ James Ingling, Borough OEM</li> </ul> </li> <li>• <b>NJSP</b> <ul style="list-style-type: none"> <li>○ Christopher Warwick, NJSP NJOEM ERB-South</li> </ul> </li> <li>• <b>Tetra Tech</b> <ul style="list-style-type: none"> <li>○ Chris Huch, Project Manager</li> <li>○ Jessica Stokes, Lead Planner</li> </ul> </li> </ul> |                 |
| <b>Agenda Summary:</b>      | The purpose of the meeting was to 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 |
| Item No.                    | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Action item(s): |
| 1                           | <b>Introductions</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -               |
| 2                           | <b>HMP Draft Review</b> <ul style="list-style-type: none"> <li>• What's New in the 2023 Update?</li> <li>• New FEMA requirements</li> <li>• Updated critical facilities inventory and included community lifelines</li> <li>• Incorporated new hazards of concern and performed new risk analysis</li> <li>• Enhanced the capability assessment for each participating jurisdiction</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -               |
| 3                           | <b>2024 HMP Framework</b> <ul style="list-style-type: none"> <li>• Volume I <ul style="list-style-type: none"> <li>○ Section 1 Introduction <ul style="list-style-type: none"> <li>▪ This is the introduction of the HMP, explains the update process, who participated, and what changes have been made since the last plan.</li> </ul> </li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -               |



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|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|  | <ul style="list-style-type: none"> <li>○ Section 2 Planning Process <ul style="list-style-type: none"> <li>▪ Provides a timeline of how the planning process was done and everything that went into developing the plan. It includes meeting dates, activities, and plan participants.</li> </ul> </li> <li>○ Section 3 County Profile <ul style="list-style-type: none"> <li>▪ Provides general information for the Planning Area and critical facilities/lifelines located within the area.</li> </ul> </li> <li>○ Section 4 Risk Assessment <ul style="list-style-type: none"> <li>▪ Provides a foundation for the rest of the planning process – which focuses on identifying and prioritizing actions to reduce risk to hazards.</li> </ul> </li> <li>○ Section 5 Capability Assessment <ul style="list-style-type: none"> <li>▪ Identifies the primary types of capabilities – planning and regulatory, administrative, and technical, financial, and education and outreach –existing plans, policies, programs, etc. available at the county, state, and federal level to help the County and municipalities accomplish mitigation.</li> </ul> </li> <li>○ Section 6 Mitigation Strategy <ul style="list-style-type: none"> <li>▪ Gives an overview of the process and then in each annex, we show the projects and procedures you all will do to reduce or eliminate future losses from hazards.</li> </ul> </li> <li>○ Section 7 Plan Maintenance <ul style="list-style-type: none"> <li>▪ Describes how the County will keep the hazard mitigation plan up to date over the next five years.</li> </ul> </li> <li>• Volume II <ul style="list-style-type: none"> <li>○ Section 8 Planning Partnership <ul style="list-style-type: none"> <li>▪ Gives an overview of how each jurisdiction participated in the plan and how the annexes are laid out.</li> </ul> </li> <li>○ Section 9 Jurisdictional Annexes <ul style="list-style-type: none"> <li>▪ Where the individual jurisdictional annexes of the plan are located. It shows us who participated in the plan, gives a general description of the municipality, outlines and summarizes your capabilities at the local level, provides the jurisdictional hazard ranking, includes a status of mitigation actions from 2019 and then includes mitigation actions for the 2024 HMP.</li> </ul> </li> </ul> </li> <li>• Appendices: This is where you’ll find a draft adoption/resolution for when you need to adopt the plan, tables of who participated in the process and how; meeting documentation (minutes, presentations, etc.), public and stakeholder outreach; mitigation strategy data; plan maintenance tools; critical facilities (the list of facilities will not be posted for public review due to their sensitive nature); and linkage procedures for anyone who didn’t participate this time around and would like to join the plan in the next 5 years. <ul style="list-style-type: none"> <li>○ Appendix A Plan Adoption</li> <li>○ Appendix B Participation Documentation</li> <li>○ Appendix C Meeting Documentation</li> <li>○ Appendix D Public and Stakeholder Outreach Documentation</li> <li>○ Appendix E Mitigation Strategy Supplementary Data</li> <li>○ Appendix F Plan Maintenance Tools</li> <li>○ Appendix G Critical Facilities</li> <li>○ Appendix H Linkage Procedures</li> </ul> </li> </ul> |  |
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**Burlington County, NJ – Hazard Mitigation Plan 2024 Update**  
**Public Draft Plan Review Meeting | Meeting Minutes**



|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| 4 | <b>FEMA Approval Process</b> <ul style="list-style-type: none"> <li>• The plan is made available for public and State review. <ul style="list-style-type: none"> <li>○ Feedback and comments will be incorporated into a second draft.</li> </ul> </li> <li>• The second draft will be submitted to FEMA for review and approval. <ul style="list-style-type: none"> <li>○ If FEMA has questions or comments those will be addressed.</li> <li>○ FEMA will grant the plan 'Approvable Pending Adoption' status, meaning FEMA will approve the plan once it has been locally adopted.</li> </ul> </li> <li>• The County and municipalities will formally adopt the plan. <ul style="list-style-type: none"> <li>○ Resolution is submitted to FEMA and FEMA grants final approval.</li> </ul> </li> </ul> | - |
| 5 | <b>Review the Draft Plan</b> <ul style="list-style-type: none"> <li>• The entire plan will be posted on the Burlington County HMP website for a 30-day review period (starting February 21)</li> <li>• You can review sections of the plan during the public review, and we will incorporate any applicable revisions into the final deliverable to the State and FEMA</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                       | - |
| 6 | <b>Questions/Discussion</b> <ul style="list-style-type: none"> <li>• No questions</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | - |



# Burlington County Multi-Jurisdictional Hazard Mitigation Plan 2024 Update

**Public Draft Plan Review Meeting**

February 20, 2024

While waiting for the meeting to start, please enter your name and department/agency in the chat. Members of the public, please enter your name and the town you live in.





# Today's Agenda

1. Welcome and Introductions
2. HMP Draft Review
3. Feedback and Input
4. Questions/Wrap Up





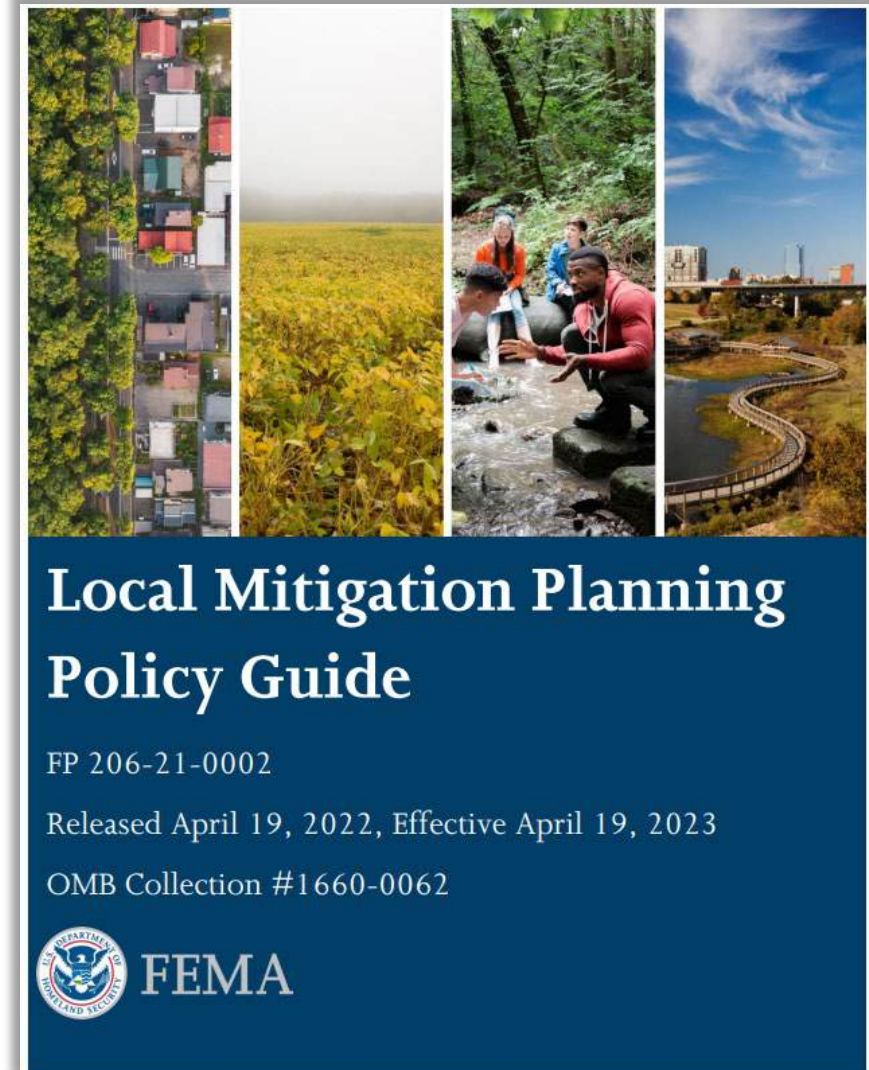


# HMP Draft Review

# What's New in the 2024 Update?



- New FEMA requirements
  - Participation – engaged and actively participating throughout the process
  - Stakeholder involvement
  - Community lifelines
  - Socially vulnerable populations
  - Effects of future conditions (i.e., climate change) on hazards
  - Current and future capabilities integrating hazard mitigation
  - One mitigation action per hazard



# What's New in the 2024 Update?

- **Lifeline facilities** – updated inventory and reorganized
  - This includes – airports, bridges, cell towers, correctional facilities, dams, schools/daycares, EMS, fire, hazmat, hospitals/health care, police, utilities, tornado sirens, wastewater







# What's New in the 2024 Update?

- **Hazards of Concern –**

- Incorporated new hazards, and concise hazard profiles, including recent events
- Risk assessments for each hazard
- Climate change impacts incorporated into the probability of future occurrences
- Adaptive capacity to reduce vulnerability used in hazard ranking
- Impacts on population (general and socially vulnerable), buildings, lifelines, and economy



# What's New in the 2024 Update?

- **Jurisdictional Annexes**

- Enhanced capability assessment including how hazard mitigation is integrated
- One mitigation action for every hazard of concern





# 2024 HMP Framework

## Volume I

- Section 1. Introduction
- Section 2. Planning Process
- Section 3. County Profile
- Section 4. Risk Assessment
- Section 5. Capability Assessment
- Section 6. Mitigation Strategy
- Section 7. Plan Maintenance

## Volume II

- Section 8. Planning Partnership
- Section 9. Jurisdictional Annexes

## Appendices

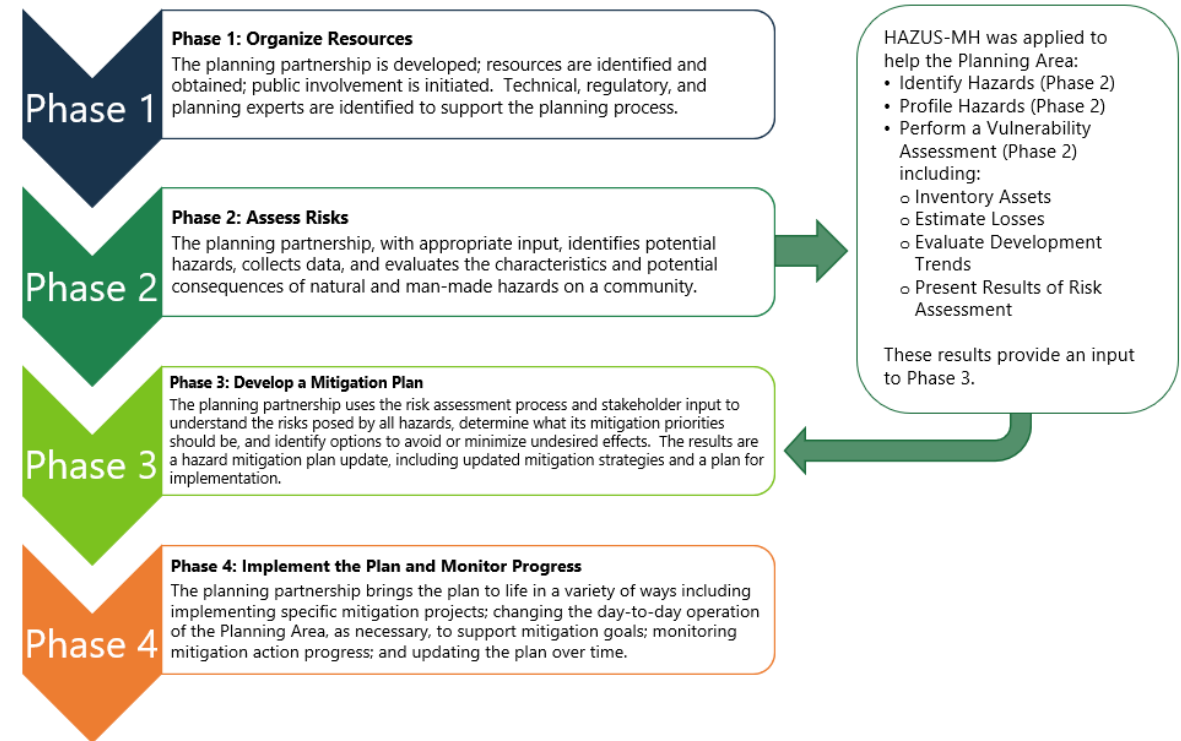
- Appendix A. Adoptions
- Appendix B. Participation
- Appendix C. Meeting Documentation
- Appendix D. Outreach
- Appendix E. Mitigation Strategies
- Appendix F. Plan Maintenance
- Appendix G. Critical Facilities
- Appendix H. Linkage Processes



# Volume I

## 1. Introduction

- Plan Purpose
- Background of the plan
- Plan Organization
- Planning Differences – 2019 HMP vs. 2024 HMP



# Volume I

## 2. Planning Process



- Introduction
- Organization of the Planning Process
  - Organization of the Planning Partnership
  - Planning Activities
- Stakeholder Outreach and Involvement
  - Federal, State, and County Agencies
  - Regional and Local Stakeholders
  - Stakeholder and Neighbor Survey Summaries
- Public Participation – Public Involvement
  - Public Survey Summary
- Plan Integration
- Integration with Planning Mechanisms and Programs
- Continued Public Involvement

| Date            | DMA 2000 Requirement | Description of Activity                                                                                                                                                                                                                                                                                                                                        | Participants                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| June 20, 2023   | 2                    | <u>Pre-Kick Off Meeting with Burlington County:</u> Plan timing and administration, data needs and sharing, hazards of concern, dates, and next steps                                                                                                                                                                                                          | Burlington County, Tetra Tech                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| August 22, 2023 | 2                    | <u>Steering Committee Meeting #1:</u> The purpose of the meeting was to 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, and to 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, NJOEM, Tetra Tech |
| August 29, 2023 | 2, 3c, 4a            | <u>Planning Partnership Meeting #1:</u> The purpose of the meeting was to introduce the Planning                                                                                                                                                                                                                                                               | Burlington County Division of Emergency Management, Burlington County Administration,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

# Volume I

## 3. County Profile



- General Information
- Major Past Hazard Events
- Physical Setting
  - Location
  - Hydrography and Hydrology
  - Topography and Geography
  - Climate
  - Land Use and Land Cover
- Population and Demographics
  - General Population Characteristics
  - Vulnerable Populations
  - Population Trends
- General Building Stock
  - Development Trends and New Development
- Lifeline Facilities
  - Formerly discussed as Critical Facilities



# Volume I

## 4. Risk Assessment



- 4.1 Hazard of Concern Identification
  - Process to review all potential hazards and identify the hazards that have the potential to impact the Planning Area
- 4.2 Methodology
  - Describes the various procedures and tools used to complete the risk assessment
  - Steps to do so included identifying and profiling each hazard of concern; determine exposure to each hazard; and assess the vulnerability of exposed population/buildings/economy

# Volume I

## 4. Risk Assessment

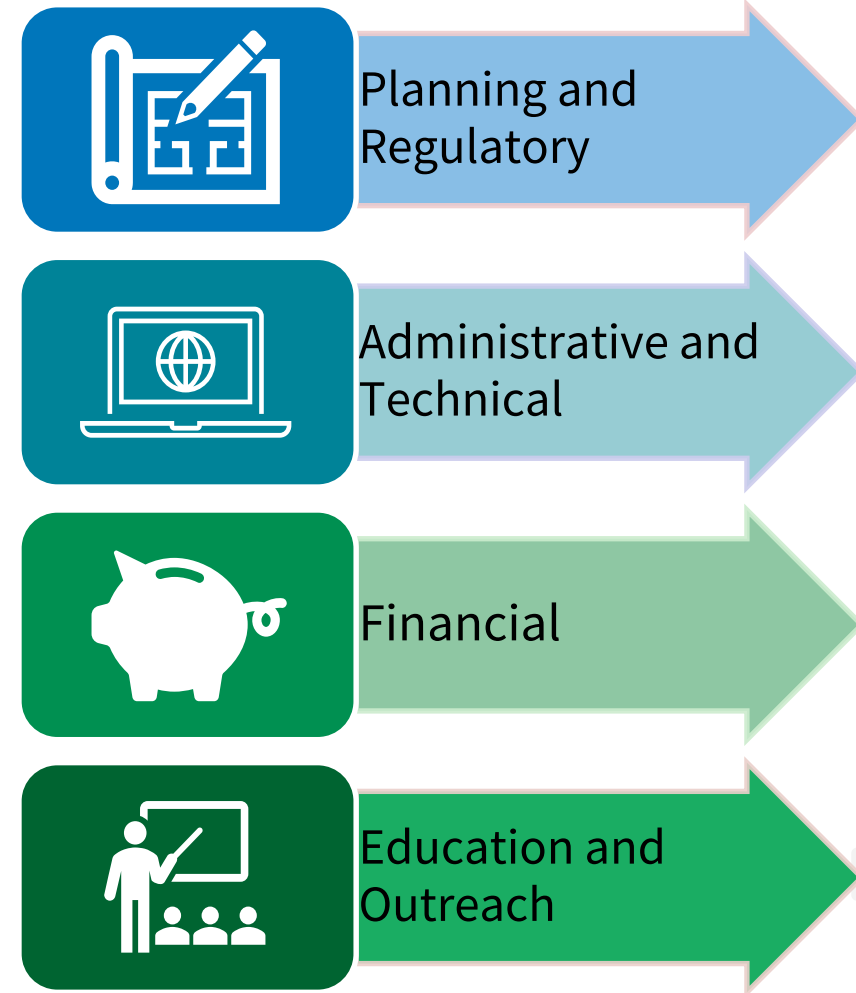


- 4.3 Hazard Profiles
  - Created individual sections for each hazard of concern.
  - Each section includes:
    - Hazard Profile – description, location, extent, worst-case scenario, previous occurrences, climate change projections, and probability of future events
    - Vulnerability Assessment – impact on life/health/safety, impact on building stock and critical facilities, impact on economy, impact on the environment, future changes that may impact vulnerability, and changes in vulnerability since the last plan
- 4.4 Hazard Ranking
  - Provides a preliminary ranking (high, medium, low) of each hazard to show the Planning Area's hazards of greatest risk

# Volume I

## 5. Capability Assessment

- What is currently available at the federal, state, and county level to support mitigation in Burlington County
  - Available plans, programs, & resources
  - Administrative and technical capabilities
  - Fiscal capabilities
  - Education and outreach





# Volume I

## 6. Mitigation Strategy



- Past accomplishments
- Goals and Objectives
- Mitigation strategy development and update
  - Action identification
  - Evaluation and prioritization
  - Benefit/cost review

| 2024 HMP Update Goals |                                                                                                                |
|-----------------------|----------------------------------------------------------------------------------------------------------------|
| 1                     | Protect Life                                                                                                   |
| 2                     | Protect Property                                                                                               |
| 3                     | Increase public preparedness and awareness                                                                     |
| 4                     | Develop and maintain an understanding of increased risk from hazards climate change impacts to natural hazards |
| 5                     | Enhance mitigation capabilities to reduce hazard vulnerabilities                                               |
| 6                     | Support continuity of operations pre-, during, and post-hazard events                                          |
| 7                     | Reduce the risk of natural hazards for socially vulnerable populations                                         |

# Volume I

## 7. Plan Maintenance

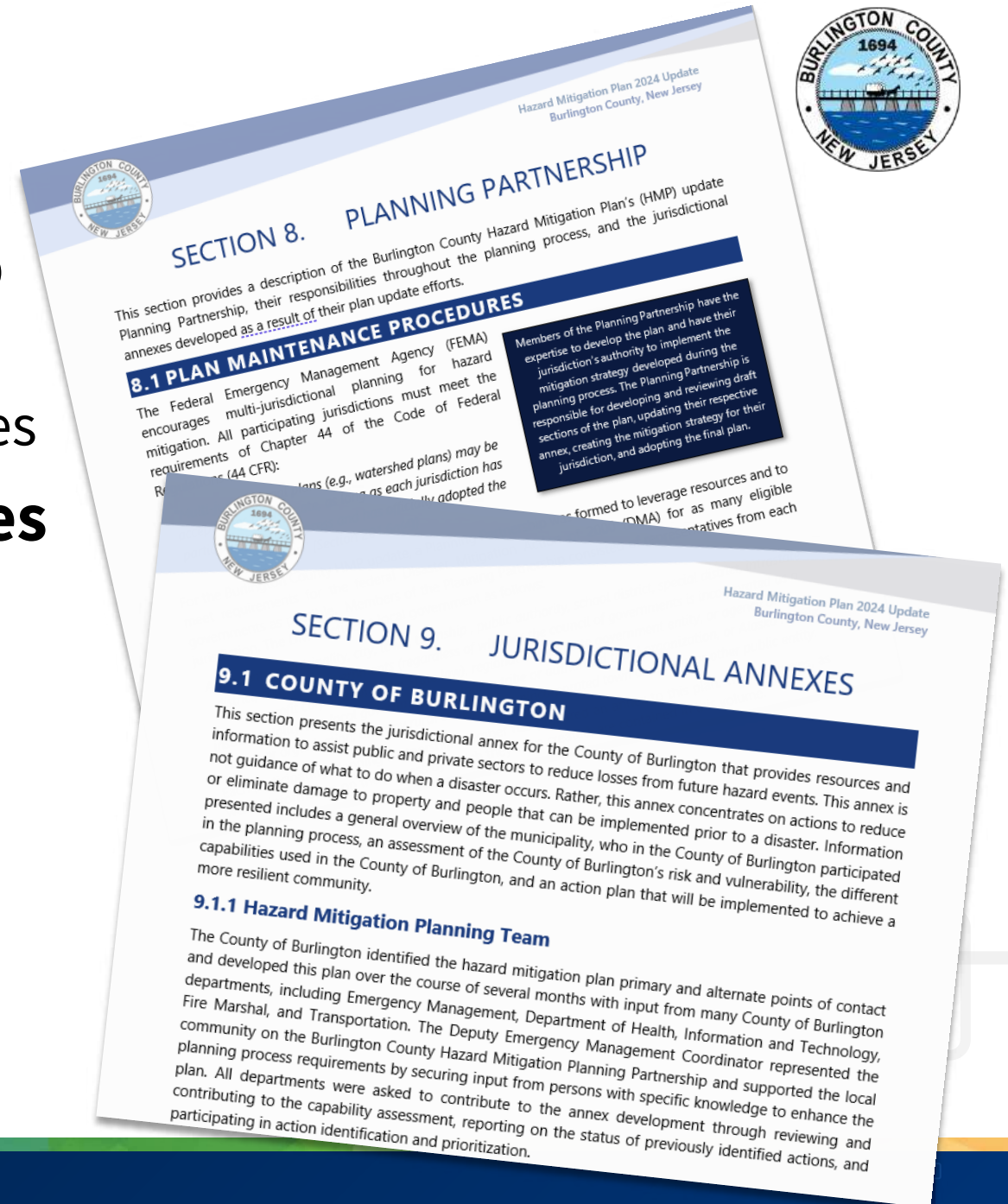


- Ongoing Planning Partnership – meet annually to discuss HMP
- Monitoring
- Continuous evaluation and progress reports
- Updating
- Integrating the HMP with existing and future programs
- Continued public involvement



# Volume II

- **Section 8 – Planning Partnership**
  - Participating jurisdictions
  - Introduction to jurisdictional annexes
- **Section 9 – Jurisdictional Annexes**
  - Points of Contact and Who Participated
  - Jurisdictional Profile
  - Capabilities
  - Risk Assessment
  - Status of Past Mitigation Actions
  - Current Mitigation Actions







# Section Contents - Appendices

- Appendix A Plan Adoption
- Appendix B Participation Documentation
- Appendix C Meeting Documentation
- Appendix D Public and Stakeholder Outreach Documentation
- Appendix E Mitigation Strategy Supplementary Data
- Appendix F Plan Maintenance Tools
- Appendix G Critical Facilities
- Appendix H Linkage Procedures



# FEMA Approval Process



- The plan is made available for public review.
- The second draft will be submitted to NJOEM and FEMA for review and approval.
- The third draft will be submitted to FEMA for review and approval
  - Once approved, FEMA will grant the plan 'Approvable Pending Adoption' status, meaning FEMA will approve the plan once it has been locally adopted.
- The County and municipalities will formally adopt the plan.
  - Resolution is submitted to FEMA and FEMA grants final approval.





# Review the Draft Plan

- The entire plan will be posted on the Burlington County HMP [website](https://burlingtoncountynjhmp.com/draft-plans/) for a 30-day review period (starting TODAY)
    - You can review sections of the plan during the public review, and we will incorporate any applicable revisions into the final deliverable to the State and FEMA
- <https://burlingtoncountynjhmp.com/draft-plans/>





# Questions?



## Burlington County Project Contact

Kristen Carr, Office of Emergency Management  
(609) 738-5139 | [KrCarr@co.burlington.nj.us](mailto:KrCarr@co.burlington.nj.us)

## Tetra Tech Project Manager

Chris Huch, CFM  
(973) 630-8357 | [chris.huch@tetrattech.com](mailto:chris.huch@tetrattech.com)

## Tetra Tech Lead Planner

Jessica Stokes, MSEM, NJCEM  
(973) 630-8017 | [jessica.stokes@tetrattech.com](mailto:jessica.stokes@tetrattech.com)

A blue trail sign for the Rancocas Creek Greenway in Burlington County. The sign features a silhouette of a person walking and lists trail rules. Below the rules, it shows distances to 'Amica Island' (1.0) and 'Pennington Loop' (0.5).

Thank  
You!



## SECTION D. PUBLIC AND STAKEHOLDER OUTREACH

This appendix provides documentation of public and stakeholder outreach. Stakeholder involvement in this planning process was broad and productive as discussed and further documented in Section 2 (Planning Process). Public and stakeholder input has been incorporated throughout this HMP as appropriate, as identified in Section 2 and the References section, as well as within specific mitigation initiatives identified within the jurisdictional annexes (Section 9). Respondent feedback filtered by jurisdiction is included in each jurisdictional annex as available to provide an indication of community resident concerns related to natural hazards.

### D.1 WEBSITE AND SOCIAL MEDIA POST

The following provides screenshots of websites, news articles, and social media posts.

Table D-1. Website and Social Media Posts

| Date of Post      | Jurisdiction                                    | Format    |
|-------------------|-------------------------------------------------|-----------|
| October 16, 2023  | Moorestown Township                             | Facebook  |
| October 17, 2023  | Medford Township                                | Instagram |
| October 19, 2023  | Burlington County Health Department             | Facebook  |
| October 19, 2023  | Moorestown Township                             | Facebook  |
| October 29, 2023  | Burlington County Health Department             | Facebook  |
| October 29, 2023  | Volunteer Center of Burlington County           | Facebook  |
| November 1, 2023  | Burlington County                               | Facebook  |
| November 1, 2023  | Chesterfield Township<br>(David Jones)          | Facebook  |
| November 1, 2023  | Moorestown Township<br>(Sustainable Moorestown) | Facebook  |
| November 9, 2023  | Volunteer Center of Burlington County           | Facebook  |
| November 9, 2023  | Tabernacle Township OEM                         | Facebook  |
| November 9, 2023  | Burlington County Health Department             | Facebook  |
| November 9, 2023  | Burlington County                               | Instagram |
| November 15, 2023 | Burlington County                               | Facebook  |
| November 15, 2023 | Burlington County                               | Instagram |
| November 20, 2023 | Burlington County                               | Facebook  |
| November 20, 2023 | Burlington County                               | Instagram |
| December 13, 2023 | Burlington County                               | Facebook  |
| December 13, 2023 | Burlington County                               | Instagram |
| February 9, 2024  | Moorestown Township                             | Facebook  |





## Burlington County

The image shows a Facebook post from the official Burlington County page. The post features a graphic with the title "WE NEED YOUR HELP TO UPDATE BURLINGTON COUNTY'S HAZARD MITIGATION PLAN". The graphic includes five icons representing different hazards: a house with water (flooding), a snowflake (winter storms), a sun with a dry ground symbol (drought), a gear (impacts), and a cloud with rain (disasters). The text on the graphic states: "Burlington County is a beautiful place to live, but it is also at risk for natural disasters including flooding, winter storms, and drought. The County is currently updating the Hazard Mitigation Plan. The plan will assess the County's risk to hazards and disasters and develop a blueprint to reduce impacts and protect our county and residents. TELL US WHAT YOU THINK THE UPDATED PLAN SHOULD FOCUS ON: <http://bit.ly/45c7Gol>". A QR code labeled "SCAN ME" is also present. The Facebook interface shows the post was made 25 weeks ago, has 2 likes, and was posted on November 9, 2023. The post text says "Go to bit.ly/45c7Gol (case sensitive link) to participate in the survey."

**WE NEED YOUR HELP TO UPDATE BURLINGTON COUNTY'S HAZARD MITIGATION PLAN**

Burlington County is a beautiful place to live, but it is also at risk for natural disasters including flooding, winter storms, and drought.

The County is currently updating the Hazard Mitigation Plan. The plan will assess the County's risk to hazards and disasters and develop a blueprint to reduce impacts and protect our county and residents.

**TELL US WHAT YOU THINK THE UPDATED PLAN SHOULD FOCUS ON:**  
<http://bit.ly/45c7Gol>

**SCAN ME**

**Facebook Post:**  
burlconj • Follow  
Go to bit.ly/45c7Gol (case sensitive link) to participate in the survey.  
25w  
2 likes  
November 9, 2023  
Add a comment...



**Burlington County** ✓

November 15, 2023 · 🌐

...

Burlington County is a beautiful place to live, but it is also at risk for natural disasters, including flooding, winter storms, and drought.

The County is currently updating the Hazard Mitigation Plan. The plan will assess the County's risk to hazards and disasters and develop a blue print to reduce impacts and protect our county and residents.

To give input, residents are asked to complete the survey by scanning the QR code or going to <http://bit.ly/45c7Gol>

**BURLINGTON COUNTY**

# HAZARD MITIGATION PLAN SURVEY

Burlington County is seeking input for the 2024 Hazard Mitigation Plan. The plan will address the County's risks posed by hazards (e.g., flood, drought, winter storms) and identify specific strategies to help reduce or eliminate risks.

**TAKE THE SURVEY**

<http://bit.ly/45c7Gol>

2 shares



Like



Comment



Share



**BURLINGTON COUNTY**

# HAZARD MITIGATION PLAN SURVEY

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TAKE THE SURVEY

<http://bit.ly/45c7Gol>





burlconj • Follow



Burlington County is a beautiful place to live, but it is also at risk for natural disasters, including flooding, winter storms, and drought.

The County is currently updating the Hazard Mitigation Plan. The plan will assess the County's risk to hazards and disasters and develop a blue print to reduce impacts and protect our county and residents.

To give input, residents are asked to complete the survey by scanning the QR code or going to <http://bit.ly/45c7Gol>

34w



Be the first to like this

November 15, 2023



Add a comment...

Post





**Burlington County**

November 20, 2023

Burlington County is a beautiful place to live, but it is also at risk for natural disasters, including flooding, winter storms, and drought.

The County is currently updating the Hazard Mitigation Plan. The plan will assess the County's risk to hazards and disasters and develop a blue print to reduce impacts and protect our county and residents.

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**TAKE THE SURVEY**

<http://bit.ly/45c7Gol>



1 share



Like



Comment



Share



**BURLINGTON COUNTY**

# HAZARD MITIGATION PLAN SURVEY

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**TAKE THE SURVEY**

<http://bit.ly/45c7Gol>



 [burlconj](#) • [Follow](#)

 [burlconj](#) Burlington County is a beautiful place to live, but it is also at risk for natural disasters, including flooding, winter storms, and drought.

The County is currently updating the Hazard Mitigation Plan. The plan will assess the County's risk to hazards and disasters and develop a blue print to reduce impacts and protect our county and residents.

To give input, residents are asked to complete the survey by scanning the QR code or going to <http://bit.ly/45c7Gol>

23w

1 like  
November 20, 2023

 Add a comment...



**Burlington County**

December 13, 2023 · 🌐



Burlington County is a beautiful place to live, but it is also at risk for natural disasters, including flooding, winter storms, and drought.

The County is currently updating the Hazard Mitigation Plan. The plan will assess the County's risk to hazards and disasters and develop a blue print to reduce impacts and protect our county and residents.

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**BURLINGTON COUNTY**

# HAZARD MITIGATION PLAN SURVEY

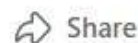
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**TAKE THE SURVEY**

<http://bit.ly/45c7Gol>



1 share







**BURLINGTON COUNTY**

**HAZARD  
MITIGATION  
PLAN SURVEY**

Burlington County is seeking input for the 2024 Hazard Mitigation Plan. The plan will address the County's risks posed by hazards (e.g., flood, drought, winter storms) and identify specific strategies to help reduce or eliminate risks.

TAKE THE SURVEY

<http://bit.ly/45c7Gol>





burlconj • Follow



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To give input, residents are asked to complete the survey by scanning the QR code or going to <http://bit.ly/45c7Gol>

20w



5 likes

December 13, 2023

 Add a comment...



Burlington County

November 1, 2023

Burlington County is seeking residents' input for the 2024 Hazard Mitigation Plan. The plan will address the County's risks posed by hazards (e.g., flood, drought, winter storms) and identify specific strategies to help reduce or eliminate risks.

To complete the survey, scan the QR code or go to [bit.ly/45c7Gol](http://bit.ly/45c7Gol)

**WE NEED YOUR HELP TO UPDATE BURLINGTON COUNTY'S HAZARD MITIGATION PLAN**

 Burlington County is a beautiful place to live, but it is also at risk for natural disasters including flooding, winter storms, and drought.

 The County is currently updating the Hazard Mitigation Plan. The plan will assess the County's risk to hazards and disasters and develop a blueprint to reduce impacts and protect our county and residents.

 **TELL US WHAT YOU THINK THE UPDATED PLAN SHOULD FOCUS ON:**

 <http://bit.ly/45c7Gol>



1

2 shares



Like



Comment



Share



## Burlington County Health Department



Burlington County Health Department

November 9, 2023 · 🌐

...

Burlington County is a beautiful place to live, but it is also at risk for natural disasters including flooding, winter storms, and drought.

The County is currently updating the Hazard Mitigation Plan. The plan will assess the County's risk to hazards and disasters and develop a blue print to reduce impacts and protect our county and residents.

To give input, residents are being asked to complete the survey by scanning the QR code or going to <http://bit.ly/45c7Gol>.

**BURLINGTON COUNTY**

# HAZARD MITIGATION PLAN SURVEY

Burlington County is seeking input for the 2024 Hazard Mitigation Plan. The plan will address the County's risks posed by hazards (e.g., flood, drought, winter storms) and identify specific strategies to help reduce or eliminate risks.

**TAKE THE SURVEY**

<http://bit.ly/45c7Gol>

2 shares



Like



Comment



Share






Burlington County Health Department

October 19, 2023 · 🌐

...


Burlington County and its municipalities are updating the County's Hazard Mitigation Plan (HMP). The HMP is a blueprint for reducing property damage and saving lives from the effects of future disasters, and enabling the county and municipalities to be eligible for funding to complete qualifying mitigation project. To learn more about the HMP, visit [www.burlingtoncountynjhmp.com](http://www.burlingtoncountynjhmp.com).

Scan the QR code or click on the link below to complete the public survey: <http://bit.ly/45c7Gol>



**BURLINGTON COUNTY  
HAZARD MITIGATION PLAN  
PUBLIC SURVEY**

Tell us what you think  
the updated plan  
should focus on:  
<http://bit.ly/45c7Gol>



**SCAN ME**

Burlington County is seeking  
input for the 2024 Hazard  
Mitigation Plan. The plan will  
address the County's risks posed  
by hazards (e.g., flood, drought,  
winter storms) and identify  
specific strategies to help reduce  
or eliminate risks.

👍 1

1 share

👍 Like

💬 Comment

➦ Share



Burlington County Health Department

October 29, 2023 · 🌐

...

Burlington County is seeking residents' input for the 2024 Hazard Mitigation Plan. The plan will address the County's risks posed by hazards (e.g., flood, drought, winter storms) and identify specific strategies to help reduce or eliminate risks.

To complete the survey scan the QR code or go to <http://bit.ly/45c7Gol>.

**WE NEED YOUR HELP TO UPDATE BURLINGTON COUNTY'S HAZARD MITIGATION PLAN**

 Burlington County is a beautiful place to live, but it is also at risk for natural disasters including flooding, winter storms, and drought.

 The County is currently updating the Hazard Mitigation Plan. The plan will assess the County's risk to hazards and disasters and develop a blueprint to reduce impacts and protect our county and residents.

 **TELL US WHAT YOU THINK THE UPDATED PLAN SHOULD FOCUS ON:**

**<http://bit.ly/45c7Gol>**

 **SCAN ME**

👍 1

2 shares

👍 Like

💬 Comment

➦ Share





## Volunteer Center of Burlington County



Volunteer Center of Burlington County · Follow

October 29, 2023 · 🌐

...

**WE NEED YOUR HELP TO UPDATE BURLINGTON COUNTY'S HAZARD MITIGATION PLAN**

Burlington County is a beautiful place to live, but it is also at risk for natural disasters including flooding, winter storms, and drought.

The County is currently updating the Hazard Mitigation Plan. The plan will assess the County's risk to hazards and disasters and develop a blueprint to reduce impacts and protect our county and residents.

**TELL US WHAT YOU THINK THE UPDATED PLAN SHOULD FOCUS ON:**  
**<http://bit.ly/45c7Gol>**

**SCAN ME**



Burlington County Health Department

October 29, 2023 · 🌐

Burlington County is seeking residents' input for the 2024 Hazard Mitigation Plan. The plan will address the County's risks posed by hazards (e.g., flood, droug... See more



Like



Comment



Share





Volunteer Center of Burlington County · [Follow](#)

November 9, 2023 · 🌐



## BURLINGTON COUNTY

# HAZARD MITIGATION PLAN SURVEY

Burlington County is seeking input for the 2024 Hazard Mitigation Plan. The plan will address the County's risks posed by hazards (e.g., flood, drought, winter storms) and identify specific strategies to help reduce or eliminate risks.

**TAKE THE SURVEY**

<http://bit.ly/45c7Gol>



Burlington County Health Department

November 9, 2023 · 🌐

Burlington County is a beautiful place to live, but it is also at risk for natural disasters including flooding, winter storms, and drought.

The County is cur... [See more](#)



Like



Comment



Share



## Moorestown Township



Sustainable Moorestown · Follow

November 1, 2023 · 🌐



Burlington County ✓

November 1, 2023 · 🌐

Burlington County is seeking residents' input for the 2024 Hazard Mitigation Plan. The plan will address the County's risks posed by hazards (e.g., flood, droug... See more



Like

Comment

Share





Moorestown Township - Government [Follow](#)

February 9 · 🌐



A public meeting will be held to review the draft Hazard Mitigation Plan via Teams on Tuesday, February 20, 2024 at 11 a.m. The goal of the Burlington County Hazard Mitigation Plan (HMP) project is to save lives and property through the reduction of hazard vulnerability for the entire county.



MOORESTOWN.NJ.US

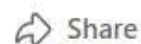
### Public meeting on the county's hazard mitigation plan on 2/20

The Burlington County Hazard Mitigation Draft Plan Review will take place in a meeting open t...



2

1 comment 1 share







Moorestown Township - Government [Follow](#)

October 19, 2023 · 🌐



Burlington County has assembled a team to update the county hazard mitigation plan which addresses hazards that impact our county and municipalities. Please help the county plan for future disasters by completing this survey regarding hazards in Burlington County.



MOORESTOWN.NJ.US

### Residents encouraged to take county hazard mitigation survey

Help the county plan for future disasters by completing this survey regarding hazards in Burlin...



Like




Comment



Share



Moorestown Township - Government  · Follow

October 16, 2023 · 



Help the county plan for future disasters by completing this survey regarding hazards in Burlington County.



MOORESTOWN.NJ.US

### Residents encouraged to take county hazard mitigation survey

Help the county plan for future disasters by completing this survey regarding hazards in Burlin...



Like



Comment



Share





## Tabernacle Township



Tabernacle Twp. Office of Emergency Mgmt. · Follow

November 9, 2023 · 🌐



### BURLINGTON COUNTY

# HAZARD MITIGATION PLAN SURVEY

Burlington County is seeking input for the 2024 Hazard Mitigation Plan. The plan will address the County's risks posed by hazards (e.g., flood, drought, winter storms) and identify specific strategies to help reduce or eliminate risks.

TAKE THE SURVEY

<http://bit.ly/45c7Gol>



Burlington County Health Department

November 9, 2023 · 🌐

Burlington County is a beautiful place to live, but it is also at risk for natural disasters including flooding, winter storms, and drought.

The County is cur... See more



Like



Comment



Share





## Chesterfield Township



David Jones

November 1, 2023 · 🌐

...

**WE NEED YOUR HELP TO UPDATE BURLINGTON COUNTY'S HAZARD MITIGATION PLAN**

Burlington County is a beautiful place to live, but it is also at risk for natural disasters including flooding, winter storms, and drought.

The County is currently updating the Hazard Mitigation Plan. The plan will assess the County's risk to hazards and disasters and develop a blueprint to reduce impacts and protect our county and residents.

**TELL US WHAT YOU THINK THE UPDATED PLAN SHOULD FOCUS ON:**  
**<http://bit.ly/45c7Gol>**

**SCAN ME**



Burlington County ✓

November 1, 2023 · 🌐

Burlington County is seeking residents' input for the 2024 Hazard Mitigation Plan. The plan will address the County's risks posed by hazards (e.g., flood, droug... See more

👍 Like

💬 Comment

✉️ Send

➦ Share



## Medford Township



## D.2 STAKEHOLDER SURVEYS

This section contains information and results gathered from the Burlington County HMP Stakeholder Survey. Unlike steering committee or planning partnership members, stakeholders may not be involved in all stages of the planning process, but they may have information or input to provide. In order to gather that information, the surveys were sent to the following stakeholders that provide various services to the Planning Area (emergency services, academic/research, public works, utility providers, business/commerce, hospitals/medical services, and transportation). Results of the surveys are provided below, with personal information redacted.

### D.2.1 Stakeholder Survey Results

The stakeholder survey was designed to help identify general needs for hazard mitigation and resiliency within Burlington County from its perspective, as well as to identify specific projects that may be included in the mitigation plan. It was distributed to identified stakeholders, including the various county and municipal departments and agencies in the county. 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.



## D.2.2 Neighbor Survey Results

The neighbor survey was sent to the surrounding municipalities of the Burlington County due to their proximity to and because effects of hazard events that impact the Planning Area would be similar to that 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.

## D.3 PUBLIC SURVEY RESULTS

This section contains information and results gathered from the Burlington County Public Survey. The main objective of this survey was to gather information from citizens regarding their level of knowledge regarding hazard vulnerability and knowledge of hazard mitigation information for their local communities. Fifty-four respondents completed this survey over a period of four months during the planning process. The survey was available on Burlington County's HMP website (<https://www.burlingtoncountynjhmp.com/>) and participants posted a link to the survey through their social media accounts. Full survey responses are provided at the end of the appendix.

### D.3.1 Public Survey Results

Responses were collected and provided back to plan participants for consideration in the mitigation action development (99 responses in total).

- 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).
- Of the 8 respondents that indicated their home was located in a floodplain, 3 indicated they did not have flood insurance.
- A majority of 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).
- 22 percent of respondent said yes when asked if their home was damaged from a hazard event. Damages reported were related to hail, wind, flooding, and extreme temperature (heat and cold).



## Q1 Contact Information

Answered: 15   Skipped: 1

| ANSWER CHOICES         | RESPONSES |    |
|------------------------|-----------|----|
| Name                   | 100.00%   | 15 |
| Department/Agency      | 86.67%    | 13 |
| Primary Responsibility | 100.00%   | 15 |
| Phone Number           | 100.00%   | 15 |
| Email Address          | 100.00%   | 15 |

| #  | NAME                | DATE                |
|----|---------------------|---------------------|
| 1  | Rich Wolbert        | 11/2/2023 3:41 PM   |
| 2  | Scott Hamlin        | 11/1/2023 7:54 PM   |
| 3  | M. Templeton        | 10/25/2023 9:07 AM  |
| 4  | Beth Portocalis     | 10/19/2023 3:27 PM  |
| 5  | Kittina Wallrath    | 10/18/2023 3:34 PM  |
| 6  | Kenneth Maskell     | 10/16/2023 11:59 AM |
| 7  | Robert Deering      | 10/13/2023 5:15 PM  |
| 8  | Carl Bittenbender   | 10/13/2023 11:58 AM |
| 9  | Lisa Baker          | 10/13/2023 10:37 AM |
| 10 | Christopher Burnett | 10/13/2023 8:55 AM  |
| 11 | George K Meredith   | 10/12/2023 3:11 PM  |
| 12 | Michael Theokas     | 10/12/2023 1:34 PM  |
| 13 | Bedzaida Santana    | 10/12/2023 11:38 AM |
| 14 | Scott Mitchell      | 10/12/2023 11:36 AM |
| 15 | Michelle Atzert     | 10/12/2023 11:36 AM |

| #  | DEPARTMENT/AGENCY                                 | DATE                |
|----|---------------------------------------------------|---------------------|
| 1  | Beverly City                                      | 11/2/2023 3:41 PM   |
| 2  | Delanco Township Fire Department                  | 11/1/2023 7:54 PM   |
| 3  | Delanco Township                                  | 10/25/2023 9:07 AM  |
| 4  | Township of Medford                               | 10/19/2023 3:27 PM  |
| 5  | Finance                                           | 10/18/2023 3:34 PM  |
| 6  | Delanco Twp. PD                                   | 10/13/2023 5:15 PM  |
| 7  | Evesham Township Fire District & Evesham OEM      | 10/13/2023 11:58 AM |
| 8  | Department of Education/Superintendent of Schools | 10/13/2023 10:37 AM |
| 9  | Mount Laurel Fire Department                      | 10/13/2023 8:55 AM  |
| 10 | Beverly City Fire District number 1               | 10/12/2023 3:11 PM  |

# Burlington County Hazard Mitigation Plan - Stakeholder Survey

| 11 | Bordentown Township                           | 10/12/2023 1:34 PM  |
|----|-----------------------------------------------|---------------------|
| 12 | American Red Cross                            | 10/12/2023 11:38 AM |
| 13 | Vincent Fire Co                               | 10/12/2023 11:36 AM |
| #  | PRIMARY RESPONSIBILITY                        | DATE                |
| 1  | Public Safety                                 | 11/2/2023 3:41 PM   |
| 2  | Chief of Department                           | 11/1/2023 7:54 PM   |
| 3  | Committee member                              | 10/25/2023 9:07 AM  |
| 4  | Parks & Open Spaces                           | 10/19/2023 3:27 PM  |
| 5  | Certifying Officer                            | 10/18/2023 3:34 PM  |
| 6  | Resident                                      | 10/16/2023 11:59 AM |
| 7  | Sergeant                                      | 10/13/2023 5:15 PM  |
| 8  | Fire/EMS                                      | 10/13/2023 11:58 AM |
| 9  | Teacher Certification/Substitute Certificates | 10/13/2023 10:37 AM |
| 10 | Fire & EMS                                    | 10/13/2023 8:55 AM  |
| 11 | Fire Chief                                    | 10/12/2023 3:11 PM  |
| 12 | Township Administrator                        | 10/12/2023 1:34 PM  |
| 13 | Senior Disaster Program Manager               | 10/12/2023 11:38 AM |
| 14 | Chief                                         | 10/12/2023 11:36 AM |
| 15 | Administrator/Treasurer                       | 10/12/2023 11:36 AM |
| #  | PHONE NUMBER                                  | DATE                |
| 1  | 6097474090                                    | 11/2/2023 3:41 PM   |
| 2  | 609-284-0669                                  | 11/1/2023 7:54 PM   |
| 3  | 8566302449                                    | 10/25/2023 9:07 AM  |
| 4  | 6096542608                                    | 10/19/2023 3:27 PM  |
| 5  | 609-439-6840                                  | 10/18/2023 3:34 PM  |
| 6  | 6094404686                                    | 10/16/2023 11:59 AM |
| 7  | 856-461-0357                                  | 10/13/2023 5:15 PM  |
| 8  | 6099295589                                    | 10/13/2023 11:58 AM |
| 9  | 6092845521                                    | 10/13/2023 10:37 AM |
| 10 | 8562346053                                    | 10/13/2023 8:55 AM  |
| 11 | 16096949827                                   | 10/12/2023 3:11 PM  |
| 12 | 6096102785                                    | 10/12/2023 1:34 PM  |
| 13 | 8566307402                                    | 10/12/2023 11:38 AM |
| 14 | 6099236889                                    | 10/12/2023 11:36 AM |
| 15 | 6098771411                                    | 10/12/2023 11:36 AM |
| #  | EMAIL ADDRESS                                 | DATE                |
| 1  | rwolbert@thecityofbeverly.com                 | 11/2/2023 3:41 PM   |
| 2  | chief@delancofire.com                         | 11/1/2023 7:54 PM   |

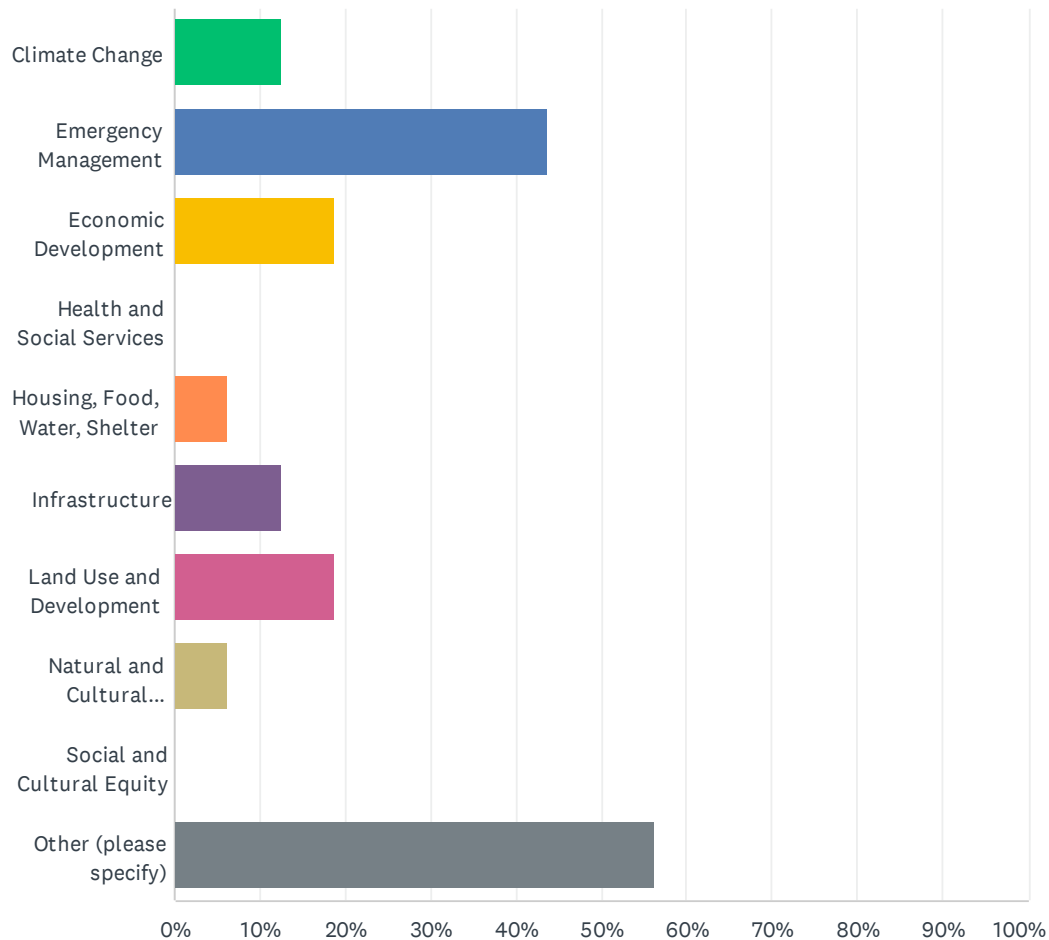
## Burlington County Hazard Mitigation Plan - Stakeholder Survey

|    |                                   |                     |
|----|-----------------------------------|---------------------|
| 3  | mtempleton@delancotownship.com    | 10/25/2023 9:07 AM  |
| 4  | bportocalis@medfordtownship.com   | 10/19/2023 3:27 PM  |
| 5  | kittina@wrightstownmua.com        | 10/18/2023 3:34 PM  |
| 6  | Kenmaskell@me.com                 | 10/16/2023 11:59 AM |
| 7  | Rdeering@delancotownship.com      | 10/13/2023 5:15 PM  |
| 8  | cbittenbender@eveshamfire.org     | 10/13/2023 11:58 AM |
| 9  | Lisa.Baker@doe.nj.gov             | 10/13/2023 10:37 AM |
| 10 | cburnett@mlfd.org                 | 10/13/2023 8:55 AM  |
| 11 | Firechief@beverlycityfire.com     | 10/12/2023 3:11 PM  |
| 12 | m.theokas@bordentowntownship.org  | 10/12/2023 1:34 PM  |
| 13 | bedzaida.santana@redcross.org     | 10/12/2023 11:38 AM |
| 14 | scott.mitchell@vincentfire.org    | 10/12/2023 11:36 AM |
| 15 | matzert@edgewaterparksewerage.com | 10/12/2023 11:36 AM |



## Q2 Which of the following sectors and areas of expertise do you represent? Mark all that apply.

Answered: 16 Skipped: 0



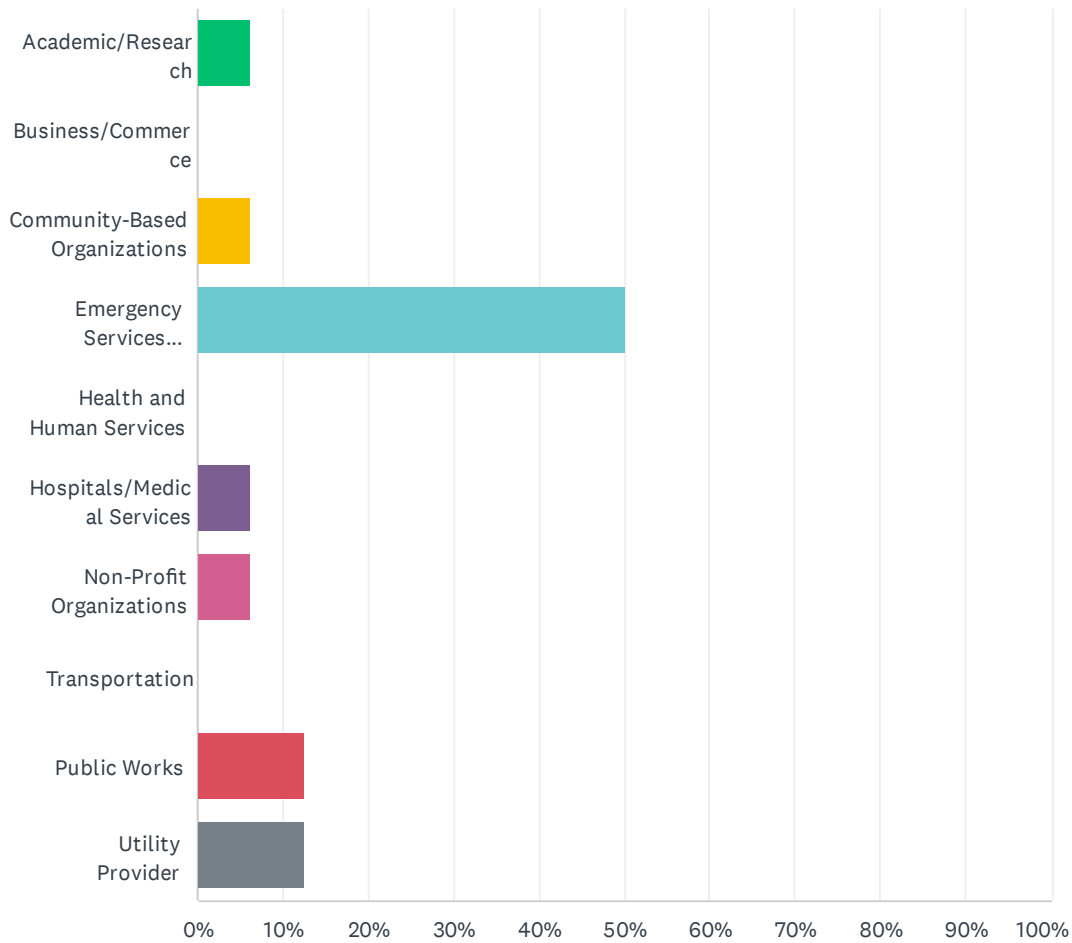
# Burlington County Hazard Mitigation Plan - Stakeholder Survey

| ANSWER CHOICES                 | RESPONSES |   |
|--------------------------------|-----------|---|
| Climate Change                 | 12.50%    | 2 |
| Emergency Management           | 43.75%    | 7 |
| Economic Development           | 18.75%    | 3 |
| Health and Social Services     | 0.00%     | 0 |
| Housing, Food, Water, Shelter  | 6.25%     | 1 |
| Infrastructure                 | 12.50%    | 2 |
| Land Use and Development       | 18.75%    | 3 |
| Natural and Cultural Resources | 6.25%     | 1 |
| Social and Cultural Equity     | 0.00%     | 0 |
| Other (please specify)         | 56.25%    | 9 |
| Total Respondents: 16          |           |   |

| # | OTHER (PLEASE SPECIFY)             | DATE                |
|---|------------------------------------|---------------------|
| 1 | Public Works and public facilities | 11/2/2023 3:41 PM   |
| 2 | Fire suppression services          | 11/1/2023 7:54 PM   |
| 3 | Water / Sewer                      | 10/18/2023 3:34 PM  |
| 4 | Resident                           | 10/16/2023 11:59 AM |
| 5 | Law Enforcement                    | 10/13/2023 5:15 PM  |
| 6 | Fire and EMS                       | 10/13/2023 11:58 AM |
| 7 | N/A                                | 10/13/2023 10:37 AM |
| 8 | Emergency services                 | 10/12/2023 11:36 AM |
| 9 | Sanitary sewer collection.         | 10/12/2023 11:36 AM |

### Q3 What category does your facility operation/service fall under?

Answered: 16 Skipped: 0





# Burlington County Hazard Mitigation Plan - Stakeholder Survey

| ANSWER CHOICES                         | RESPONSES |    |
|----------------------------------------|-----------|----|
| Academic/Research                      | 6.25%     | 1  |
| Business/Commerce                      | 0.00%     | 0  |
| Community-Based Organizations          | 6.25%     | 1  |
| Emergency Services (police, fire, EMS) | 50.00%    | 8  |
| Health and Human Services              | 0.00%     | 0  |
| Hospitals/Medical Services             | 6.25%     | 1  |
| Non-Profit Organizations               | 6.25%     | 1  |
| Transportation                         | 0.00%     | 0  |
| Public Works                           | 12.50%    | 2  |
| Utility Provider                       | 12.50%    | 2  |
| TOTAL                                  |           | 16 |

| # | OTHER (PLEASE SPECIFY) | DATE                |
|---|------------------------|---------------------|
| 1 | Public Works as well   | 11/2/2023 3:41 PM   |
| 2 | Resident               | 10/16/2023 11:59 AM |

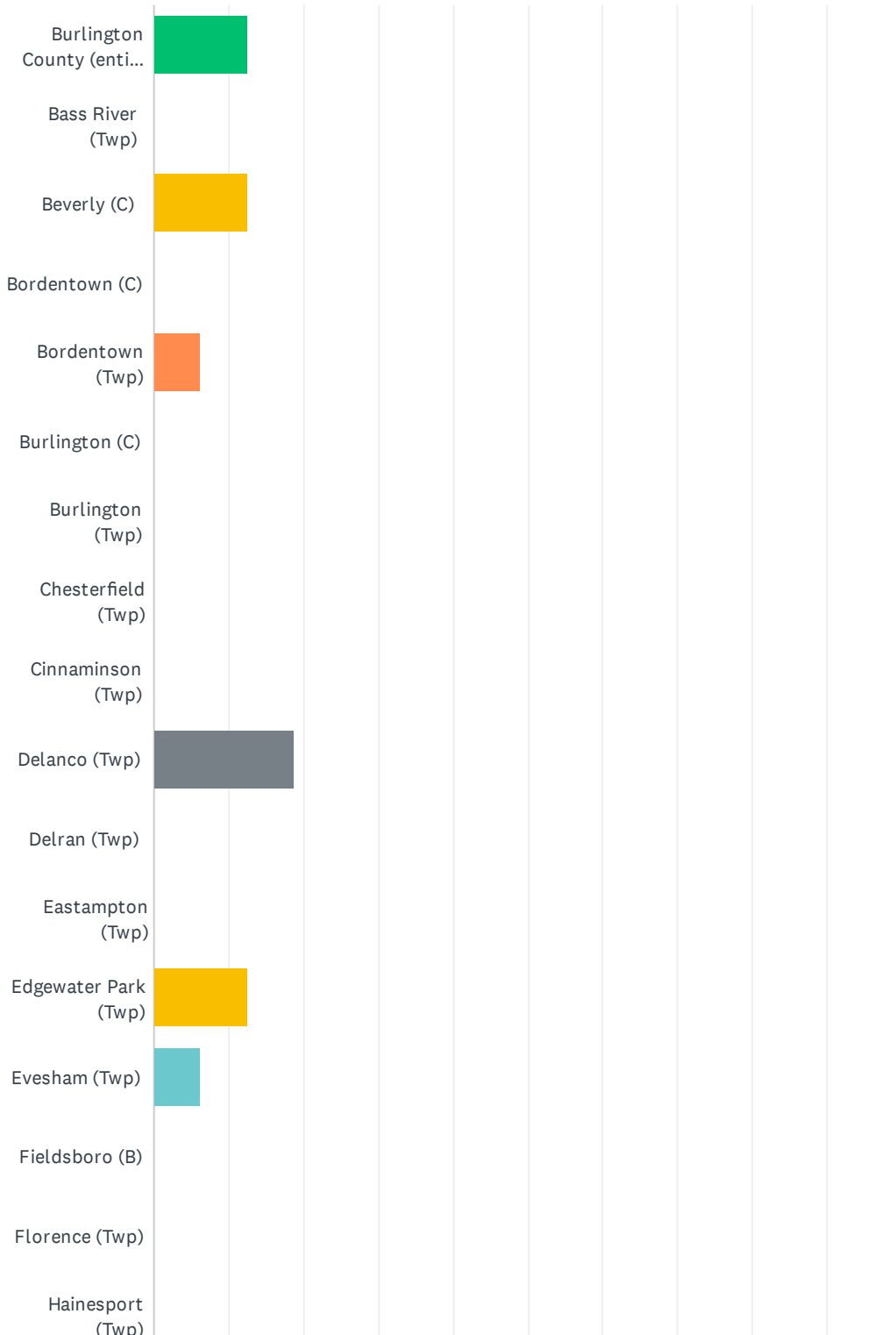
## Q4 Based on the above category, please provide additional description and information as to what your organization does or offers (please explain)

Answered: 14    Skipped: 2

| #  | RESPONSES                                                                                                                     | DATE                |
|----|-------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1  | Unit of local government                                                                                                      | 11/2/2023 3:41 PM   |
| 2  | Fire suppression services                                                                                                     | 11/1/2023 7:54 PM   |
| 3  | Management of municipal assets & resources.                                                                                   | 10/25/2023 9:07 AM  |
| 4  | Municipal Government                                                                                                          | 10/19/2023 3:27 PM  |
| 5  | Water & Sewer                                                                                                                 | 10/18/2023 3:34 PM  |
| 6  | I am a Burlington County resident                                                                                             | 10/16/2023 11:59 AM |
| 7  | Patrol of Delanco Twp. Enforce Title 39 and Criminal statutes                                                                 | 10/13/2023 5:15 PM  |
| 8  | Liaison office between the school districts and the state.                                                                    | 10/13/2023 10:37 AM |
| 9  | Provides fire and emergency medical services                                                                                  | 10/13/2023 8:55 AM  |
| 10 | Fire Fighting emergency response                                                                                              | 10/12/2023 3:11 PM  |
| 11 | Full Municipal Services                                                                                                       | 10/12/2023 1:34 PM  |
| 12 | The American Red Cross of the New Jersey region supports the state during disasters by providing assistance to those in need. | 10/12/2023 11:38 AM |
| 13 | Fire and Rescue services                                                                                                      | 10/12/2023 11:36 AM |
| 14 | Maintain, operate and improve equipment for the collection of sanitary sewer.                                                 | 10/12/2023 11:36 AM |

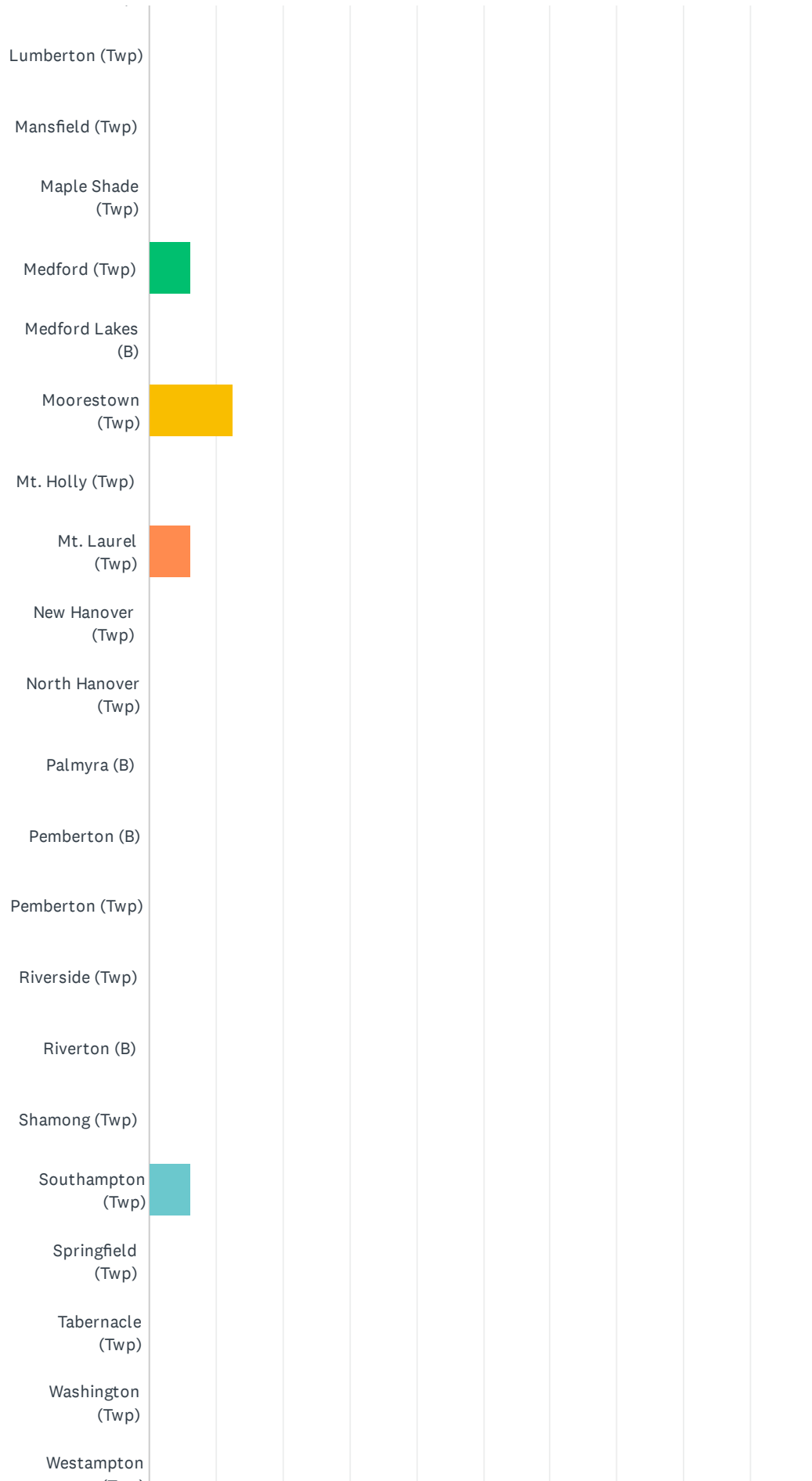
**Q5 Please identify the location of your facility(ies) and/ or primary service area. You may choose more than one if your service area covers multiple communities, or “Burlington County (entire area)” if your service area is county-wide:**

Answered: 16 Skipped: 0

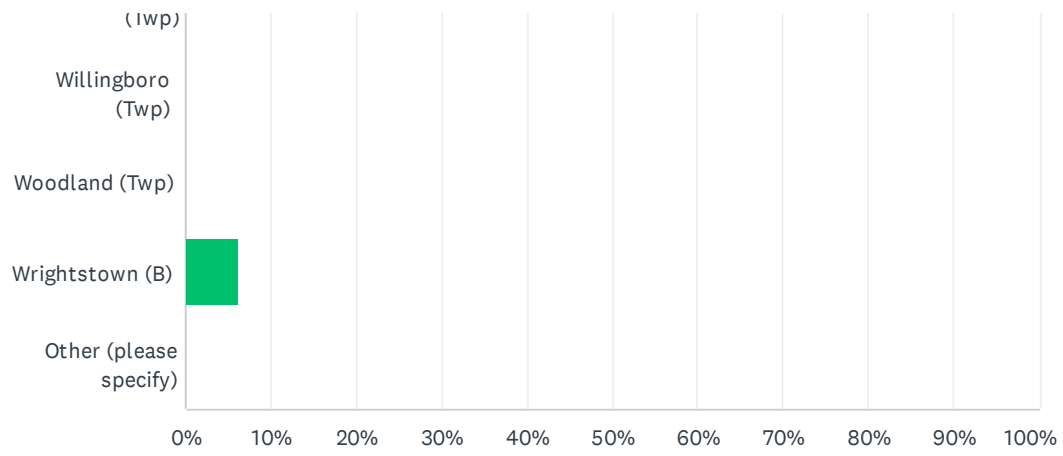




Burlington County Hazard Mitigation Plan - Stakeholder Survey



## Burlington County Hazard Mitigation Plan - Stakeholder Survey



# Burlington County Hazard Mitigation Plan - Stakeholder Survey

| ANSWER CHOICES                  | RESPONSES |   |
|---------------------------------|-----------|---|
| Burlington County (entire area) | 12.50%    | 2 |
| Bass River (Twp)                | 0.00%     | 0 |
| Beverly (C)                     | 12.50%    | 2 |
| Bordentown (C)                  | 0.00%     | 0 |
| Bordentown (Twp)                | 6.25%     | 1 |
| Burlington (C)                  | 0.00%     | 0 |
| Burlington (Twp)                | 0.00%     | 0 |
| Chesterfield (Twp)              | 0.00%     | 0 |
| Cinnaminson (Twp)               | 0.00%     | 0 |
| Delanco (Twp)                   | 18.75%    | 3 |
| Delran (Twp)                    | 0.00%     | 0 |
| Eastampton (Twp)                | 0.00%     | 0 |
| Edgewater Park (Twp)            | 12.50%    | 2 |
| Evesham (Twp)                   | 6.25%     | 1 |
| Fieldsboro (B)                  | 0.00%     | 0 |
| Florence (Twp)                  | 0.00%     | 0 |
| Hainesport (Twp)                | 0.00%     | 0 |
| Lumberton (Twp)                 | 0.00%     | 0 |
| Mansfield (Twp)                 | 0.00%     | 0 |
| Maple Shade (Twp)               | 0.00%     | 0 |
| Medford (Twp)                   | 6.25%     | 1 |
| Medford Lakes (B)               | 0.00%     | 0 |
| Moorestown (Twp)                | 12.50%    | 2 |
| Mt. Holly (Twp)                 | 0.00%     | 0 |
| Mt. Laurel (Twp)                | 6.25%     | 1 |
| New Hanover (Twp)               | 0.00%     | 0 |
| North Hanover (Twp)             | 0.00%     | 0 |
| Palmyra (B)                     | 0.00%     | 0 |
| Pemberton (B)                   | 0.00%     | 0 |
| Pemberton (Twp)                 | 0.00%     | 0 |
| Riverside (Twp)                 | 0.00%     | 0 |
| Riverton (B)                    | 0.00%     | 0 |



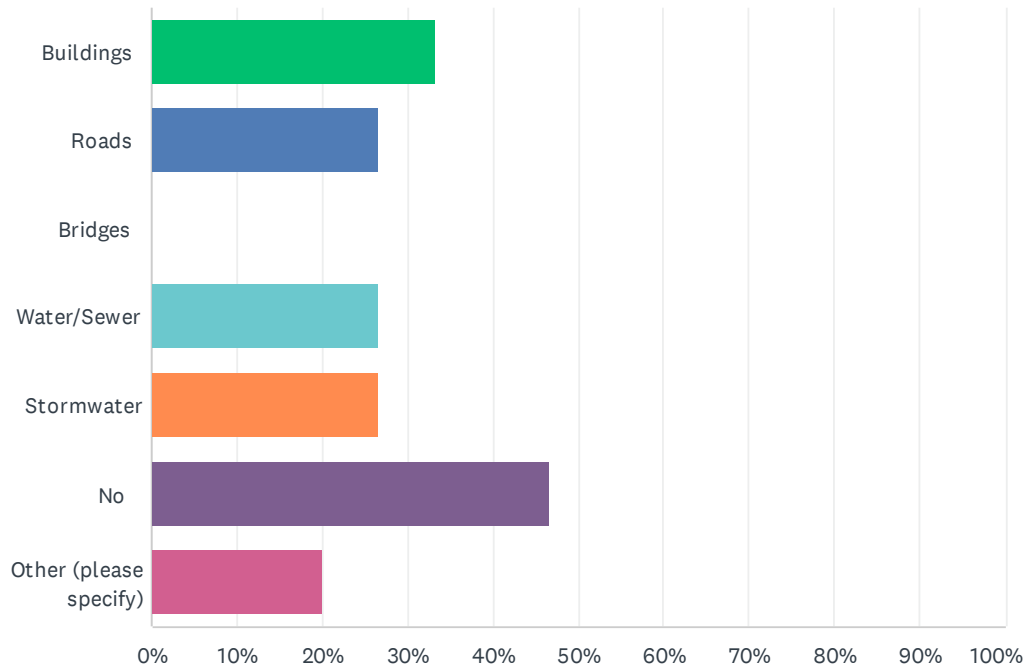
# Burlington County Hazard Mitigation Plan - Stakeholder Survey

|                        |       |   |
|------------------------|-------|---|
| Shamong (Twp)          | 0.00% | 0 |
| Southampton (Twp)      | 6.25% | 1 |
| Springfield (Twp)      | 0.00% | 0 |
| Tabernacle (Twp)       | 0.00% | 0 |
| Washington (Twp)       | 0.00% | 0 |
| Westampton (Twp)       | 0.00% | 0 |
| Willingboro (Twp)      | 0.00% | 0 |
| Woodland (Twp)         | 0.00% | 0 |
| Wrightstown (B)        | 6.25% | 1 |
| Other (please specify) | 0.00% | 0 |
| Total Respondents: 16  |       |   |

| # | OTHER (PLEASE SPECIFY)  | DATE |
|---|-------------------------|------|
|   | There are no responses. |      |

**Q6 Does your organization maintain or manage any of the following within your designated service area? If not, answer “No” at the bottom, otherwise check all that apply.**

Answered: 15 Skipped: 1

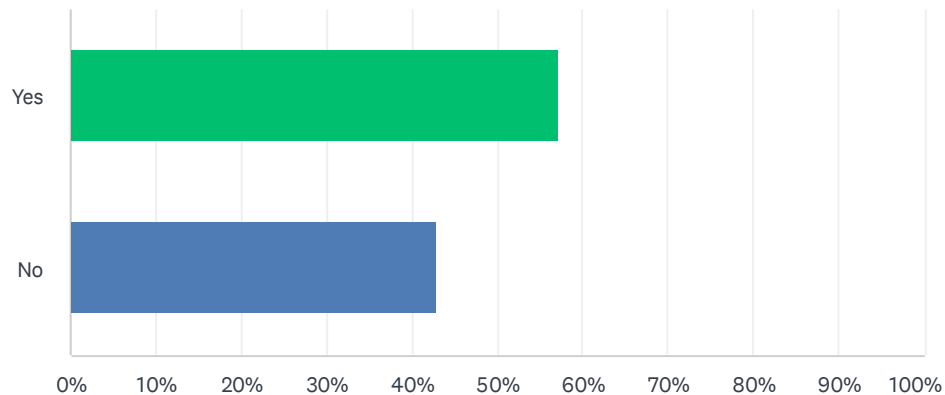


| ANSWER CHOICES         | RESPONSES |   |
|------------------------|-----------|---|
| Buildings              | 33.33%    | 5 |
| Roads                  | 26.67%    | 4 |
| Bridges                | 0.00%     | 0 |
| Water/Sewer            | 26.67%    | 4 |
| Stormwater             | 26.67%    | 4 |
| No                     | 46.67%    | 7 |
| Other (please specify) | 20.00%    | 3 |
| Total Respondents: 15  |           |   |

| # | OTHER (PLEASE SPECIFY)             | DATE                |
|---|------------------------------------|---------------------|
| 1 | Any other City infrastructure      | 11/2/2023 3:41 PM   |
| 2 | 60 acres by Homeowners Association | 10/16/2023 11:59 AM |
| 3 | Fire and EMS Stations              | 10/13/2023 11:58 AM |

**Q7 Does your organization work with or help support socially vulnerable populations that may be at higher risk for hazard impacts? Socially vulnerable populations may be considered "socially vulnerable" because of a variety of factors like socioeconomic status, household composition, minority status, limited proficiency to read or speak English, housing type, and transportation.**

Answered: 14 Skipped: 2



| ANSWER CHOICES | RESPONSES |
|----------------|-----------|
| Yes            | 57.14% 8  |
| No             | 42.86% 6  |
| TOTAL          | 14        |

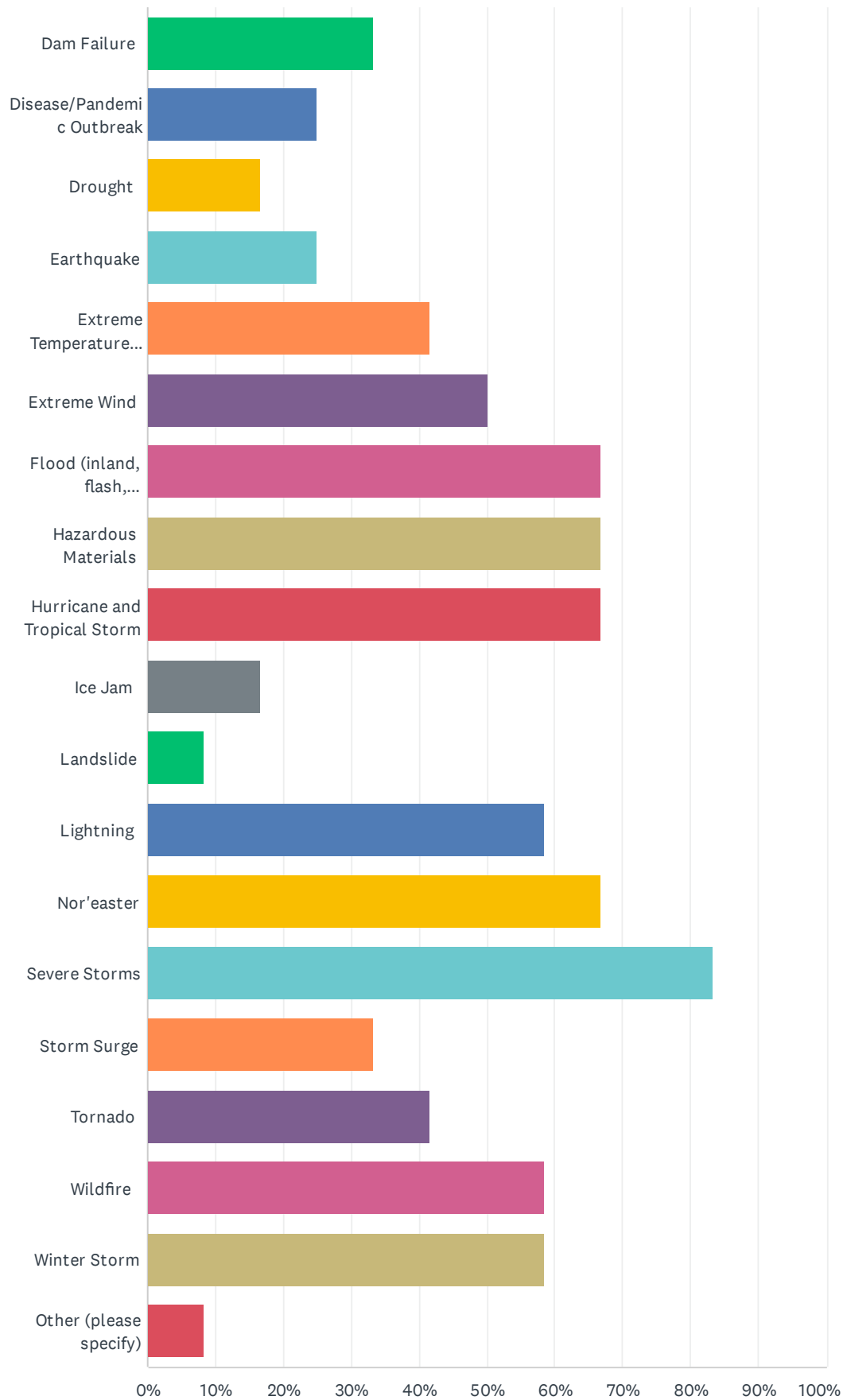
| # | IF YOU ANSWERED YES, PLEASE DESCRIBE HOW YOUR ORGANIZATION WORKS WITH OR SUPPORTS SOCIALLY VULNERABLE POPULATIONS.                                       | DATE                |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1 | As a municipality, we are a full service entity serving an overburdened community with a large senior population as well as limited english proficiency. | 11/2/2023 3:41 PM   |
| 2 | Neighborhoods that house senior citizens, apartments, townhouses are identified for response.                                                            | 10/19/2023 3:27 PM  |
| 3 | We help customers contact the state for assistance programs. If water needs to be tested.                                                                | 10/18/2023 3:34 PM  |
| 4 | Provides emergency and community outreach services                                                                                                       | 10/13/2023 8:55 AM  |
| 5 | The American Red Cross in the NJ region is trained to assist all individuals, especially those who are considered vulnerable during and after disasters. | 10/12/2023 11:38 AM |
| 6 | At risk individuals statistically are at a higher risk for emergencies                                                                                   | 10/12/2023 11:36 AM |



Q8 For which hazard(s) do you feel that you or your organization have a special interest and/or expertise? Check all that apply.

Answered: 12   Skipped: 4

## Burlington County Hazard Mitigation Plan - Stakeholder Survey



# Burlington County Hazard Mitigation Plan - Stakeholder Survey

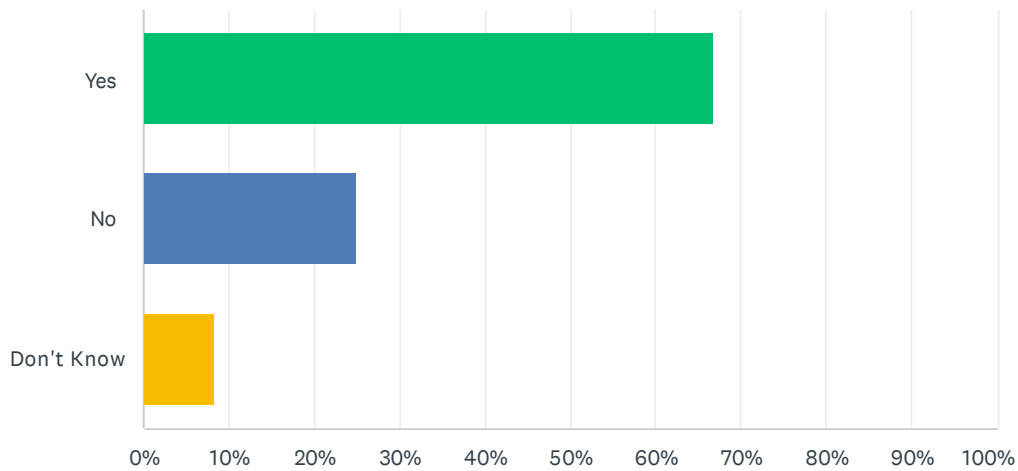
| ANSWER CHOICES                          | RESPONSES |    |
|-----------------------------------------|-----------|----|
| Dam Failure                             | 33.33%    | 4  |
| Disease/Pandemic Outbreak               | 25.00%    | 3  |
| Drought                                 | 16.67%    | 2  |
| Earthquake                              | 25.00%    | 3  |
| Extreme Temperature (heat/cold)         | 41.67%    | 5  |
| Extreme Wind                            | 50.00%    | 6  |
| Flood (inland, flash, urban/stormwater) | 66.67%    | 8  |
| Hazardous Materials                     | 66.67%    | 8  |
| Hurricane and Tropical Storm            | 66.67%    | 8  |
| Ice Jam                                 | 16.67%    | 2  |
| Landslide                               | 8.33%     | 1  |
| Lightning                               | 58.33%    | 7  |
| Nor'easter                              | 66.67%    | 8  |
| Severe Storms                           | 83.33%    | 10 |
| Storm Surge                             | 33.33%    | 4  |
| Tornado                                 | 41.67%    | 5  |
| Wildfire                                | 58.33%    | 7  |
| Winter Storm                            | 58.33%    | 7  |
| Other (please specify)                  | 8.33%     | 1  |
| Total Respondents: 12                   |           |    |

| # | OTHER (PLEASE SPECIFY) | DATE               |
|---|------------------------|--------------------|
| 1 | None                   | 10/13/2023 5:17 PM |



# Q9 Looking back at previous hazard events, have buildings/facilities/structures you have worked in and/ or are responsible for been impacted by a hazard (ex. damage/closures/etc.)?

Answered: 12 Skipped: 4



| ANSWER CHOICES | RESPONSES |    |
|----------------|-----------|----|
| Yes            | 66.67%    | 8  |
| No             | 25.00%    | 3  |
| Don't Know     | 8.33%     | 1  |
| TOTAL          |           | 12 |

**Q10** If you answered “Yes” to the above question, please describe the event that caused or is causing (if recurring) damage and loss of service/property. If quantifiable data is available, please provide that as well (number of damaged structures, monetary loss, etc.) (please explain)

Answered: 8   Skipped: 8

| # | RESPONSES                                                                                                                      | DATE                |
|---|--------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1 | Lightning strike took out several services. Power outages limited our ability to continue to operate (no emergency generator). | 11/2/2023 3:43 PM   |
| 2 | Hurricane Sandy, TS Ida, high wind damage, power outages, storm tides flood access roads / bridge.                             | 10/25/2023 9:12 AM  |
| 3 | Can be provided by our OEM Office. (repetitive flooding along the Rancocas Creek)                                              | 10/19/2023 3:31 PM  |
| 4 | Loss of power to emergency stations from storm events.                                                                         | 10/13/2023 12:00 PM |
| 5 | The building was closed during covid for some time.                                                                            | 10/13/2023 10:40 AM |
| 6 | Power outages, superficial damage to strutures                                                                                 | 10/13/2023 8:59 AM  |
| 7 | Hurricane Sandy in 2012.                                                                                                       | 10/12/2023 11:46 AM |
| 8 | Severe weather and fires are some of the main reasons we have provided services over the existence of our company              | 10/12/2023 11:41 AM |

**Q11 Looking at where your facilities or services are located in Burlington County, what areas do you believe to be the most vulnerable to hazards? What are these hazards? (please explain).**

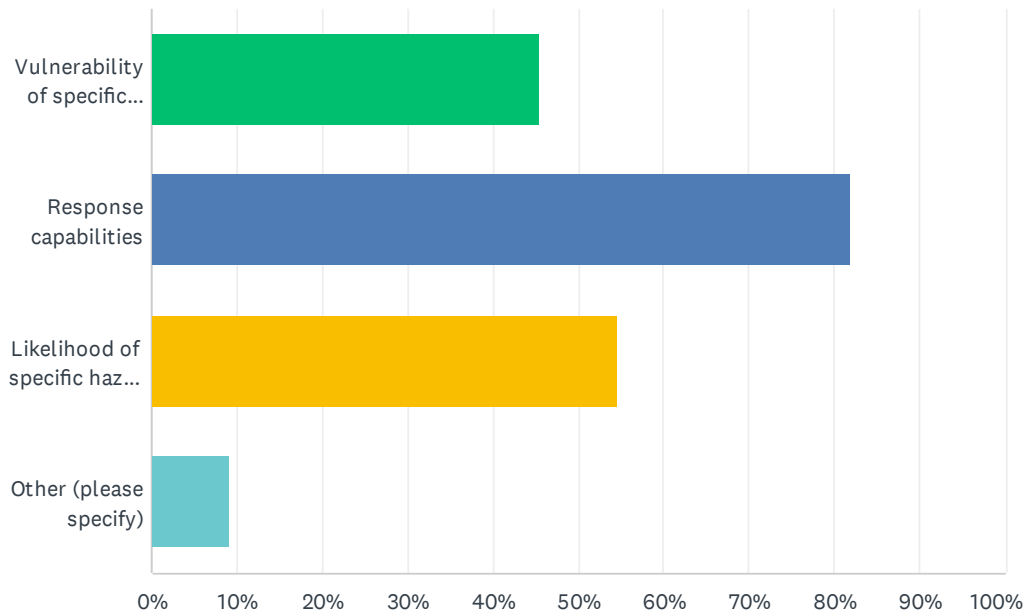
Answered: 7   Skipped: 9

| # | RESPONSES                                                                                                                          | DATE                |
|---|------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1 | Severe storm events                                                                                                                | 11/2/2023 3:43 PM   |
| 2 | Delanco / Beverly Water Treatment Facility - flood vulnerability.                                                                  | 10/25/2023 9:12 AM  |
| 3 | Properties along the Rancocas Creek                                                                                                | 10/19/2023 3:31 PM  |
| 4 | Areas along the Delaware River and Rancocas Ave.                                                                                   | 10/13/2023 5:17 PM  |
| 5 | Wildfire and storm events                                                                                                          | 10/13/2023 12:00 PM |
| 6 | Weather events                                                                                                                     | 10/13/2023 8:59 AM  |
| 7 | Pinelands-wildfire exposures Any water bodies- potential for water rescues Major highways- risk for traffic and hazmat emergencies | 10/12/2023 11:41 AM |



## Q12 What are your agency's primary concerns regarding hazards?

Answered: 11 Skipped: 5



| ANSWER CHOICES                       |  | RESPONSES |   |
|--------------------------------------|--|-----------|---|
| Vulnerability of specific facilities |  | 45.45%    | 5 |
| Response capabilities                |  | 81.82%    | 9 |
| Likelihood of specific hazard events |  | 54.55%    | 6 |
| Other (please specify)               |  | 9.09%     | 1 |
| Total Respondents: 11                |  |           |   |

| # | OTHER (PLEASE SPECIFY) | DATE                |
|---|------------------------|---------------------|
| 1 | Lightning damage       | 10/12/2023 11:46 AM |

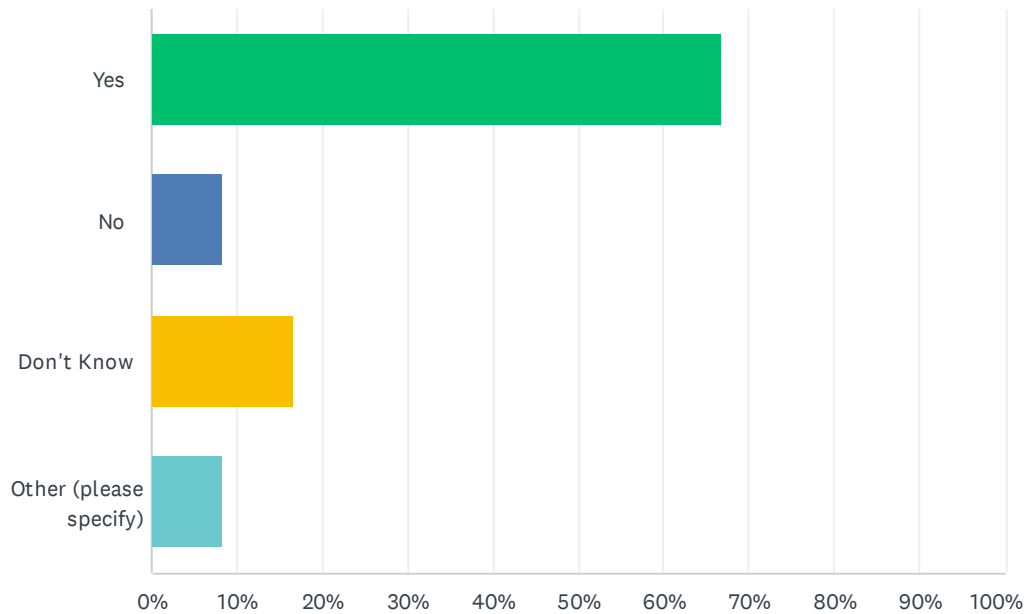
## Q13 What challenges or barriers to reducing vulnerability in Burlington County do you see?

Answered: 6 Skipped: 10

| # | RESPONSES                                                                                                                                | DATE                |
|---|------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1 | Funding                                                                                                                                  | 11/2/2023 3:43 PM   |
| 2 | Onerous, outdated federal & state regulations. Misplaced funding priorities.                                                             | 10/25/2023 9:12 AM  |
| 3 | It will take a coordinated effort by all municipalities, the County, the State & the USCAE to address flooding along the Rancocas Creek. | 10/19/2023 3:31 PM  |
| 4 | Funding, regulatory approval (Pinelands Approvals for wildfire mitigation)                                                               | 10/13/2023 12:00 PM |
| 5 | County OEM deficiencies with regards to operations, planning, and execution.                                                             | 10/13/2023 8:59 AM  |
| 6 | Funding and staffing for emergency services                                                                                              | 10/12/2023 11:41 AM |

## Q14 Does your agency own or lease facilities?

Answered: 12 Skipped: 4



| ANSWER CHOICES         |  | RESPONSES |    |
|------------------------|--|-----------|----|
| Yes                    |  | 66.67%    | 8  |
| No                     |  | 8.33%     | 1  |
| Don't Know             |  | 16.67%    | 2  |
| Other (please specify) |  | 8.33%     | 1  |
| TOTAL                  |  |           | 12 |

| # | OTHER (PLEASE SPECIFY) | DATE              |
|---|------------------------|-------------------|
| 1 | We own our facilities  | 11/2/2023 3:45 PM |



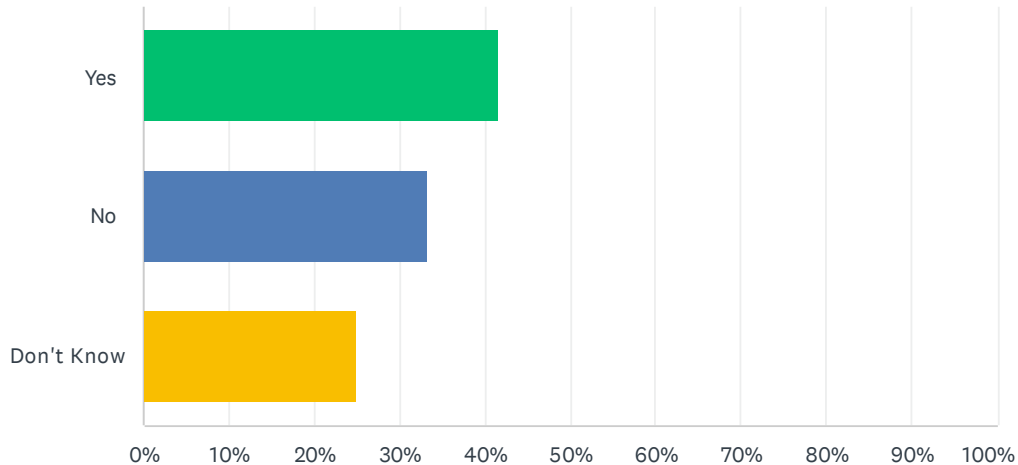
## Q15 Of those facilities that your agency owns or leases, are any viewed as critical facilities or community lifelines?

Answered: 9   Skipped: 7

| # | RESPONSES                                                                                        | DATE                |
|---|--------------------------------------------------------------------------------------------------|---------------------|
| 1 | Yes                                                                                              | 11/2/2023 3:45 PM   |
| 2 | yes, fire station                                                                                | 11/1/2023 7:58 PM   |
| 3 | Yes.                                                                                             | 10/25/2023 9:17 AM  |
| 4 | Yes                                                                                              | 10/19/2023 3:33 PM  |
| 5 | Water Sewer Plant                                                                                | 10/18/2023 3:35 PM  |
| 6 | Yes, 3                                                                                           | 10/13/2023 12:03 PM |
| 7 | Yes all our facilities are critical infrastructure that house resources that serve our community | 10/13/2023 9:05 AM  |
| 8 | no                                                                                               | 10/12/2023 11:47 AM |
| 9 | Yes                                                                                              | 10/12/2023 11:42 AM |

## Q16 Are your facilities susceptible to impacts from hazards, such as your fire department being in a flood prone area?

Answered: 12 Skipped: 4



| ANSWER CHOICES | RESPONSES |    |
|----------------|-----------|----|
| Yes            | 41.67%    | 5  |
| No             | 33.33%    | 4  |
| Don't Know     | 25.00%    | 3  |
| TOTAL          |           | 12 |

| # | IF YES, PLEASE SPECIFY THE FACILITIES AND DAMAGES SUSTAINED.                                                                                                                                                                      | DATE                |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1 | All facilities are susceptible to severe storm events.                                                                                                                                                                            | 11/2/2023 3:45 PM   |
| 2 | Yes, eventually. Flooding will block road access to community. Large areas of municipality vulnerable to higher risk from climate change & SLR. Large forested areas at either end of community has drought / wildfire potential. | 10/25/2023 9:17 AM  |
| 3 | Water & Sewer utilities and public parks in flood prone areas; schools near forest areas.                                                                                                                                         | 10/19/2023 3:33 PM  |
| 4 | 26 East Main Street, Marlton is a fire station and has flooded (4) times in the past year due to severe rain events and groundwater.                                                                                              | 10/13/2023 12:03 PM |
| 5 | Vincentown lake has and continues to pose flooding risks to the facility                                                                                                                                                          | 10/12/2023 11:42 AM |

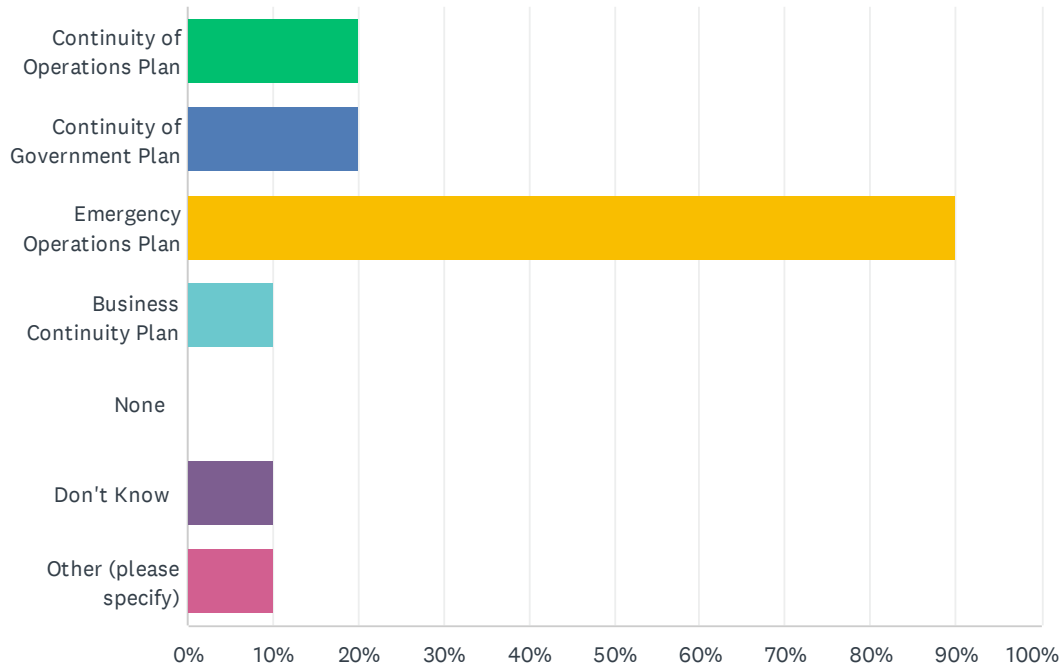
## Q17 What support does your organization need from Burlington County to help reduce vulnerabilities to your facilities?

Answered: 7   Skipped: 9

| # | RESPONSES                                                                                                                                                                                                                                                                                                                                                                                                                    | DATE                |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1 | Funding                                                                                                                                                                                                                                                                                                                                                                                                                      | 11/2/2023 3:45 PM   |
| 2 | Listen to local officials.                                                                                                                                                                                                                                                                                                                                                                                                   | 10/25/2023 9:17 AM  |
| 3 | Priority to work to clear the Rancocas Creek from blockages that lead to flooding.                                                                                                                                                                                                                                                                                                                                           | 10/19/2023 3:33 PM  |
| 4 | Funding                                                                                                                                                                                                                                                                                                                                                                                                                      | 10/13/2023 12:03 PM |
| 5 | Coordination and conveyance of calls for service for our community through the County's PSAP. Technology is behind the times and systems are under utilized in communications and incident mitigation. CAD should provide for two way communications we can only receive information through the CAD. Having the ability to communicate to County PSAP via the CAD would provide for more informed and efficient operations. | 10/13/2023 9:05 AM  |
| 6 | None at this time                                                                                                                                                                                                                                                                                                                                                                                                            | 10/12/2023 11:47 AM |
| 7 | Not sure if anything can be done with the exception of relocating the fire house completely                                                                                                                                                                                                                                                                                                                                  | 10/12/2023 11:42 AM |

## Q18 Is your organization covered by any of the following plans? Check all that apply

Answered: 10 Skipped: 6



| ANSWER CHOICES                | RESPONSES |   |
|-------------------------------|-----------|---|
| Continuity of Operations Plan | 20.00%    | 2 |
| Continuity of Government Plan | 20.00%    | 2 |
| Emergency Operations Plan     | 90.00%    | 9 |
| Business Continuity Plan      | 10.00%    | 1 |
| None                          | 0.00%     | 0 |
| Don't Know                    | 10.00%    | 1 |
| Other (please specify)        | 10.00%    | 1 |
| Total Respondents: 10         |           |   |

| # | OTHER (PLEASE SPECIFY)  | DATE               |
|---|-------------------------|--------------------|
| 1 | Not sure of other plans | 10/19/2023 3:34 PM |



## Q19 What capabilities does your agency have to help address hazards?

Answered: 5   Skipped: 11

| # | RESPONSES                                                                                                                          | DATE                |
|---|------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1 | Small but dedicated response teams. Equipment is limited, i.e. one chipper, two DPW dump bodies, hand power equipment, no backhoe. | 11/2/2023 3:49 PM   |
| 2 | Limited.                                                                                                                           | 10/25/2023 9:21 AM  |
| 3 | We respond to events and aid in recovery                                                                                           | 10/13/2023 12:03 PM |
| 4 | First responder services                                                                                                           | 10/13/2023 9:08 AM  |
| 5 | Fire and rescue                                                                                                                    | 10/12/2023 12:01 PM |

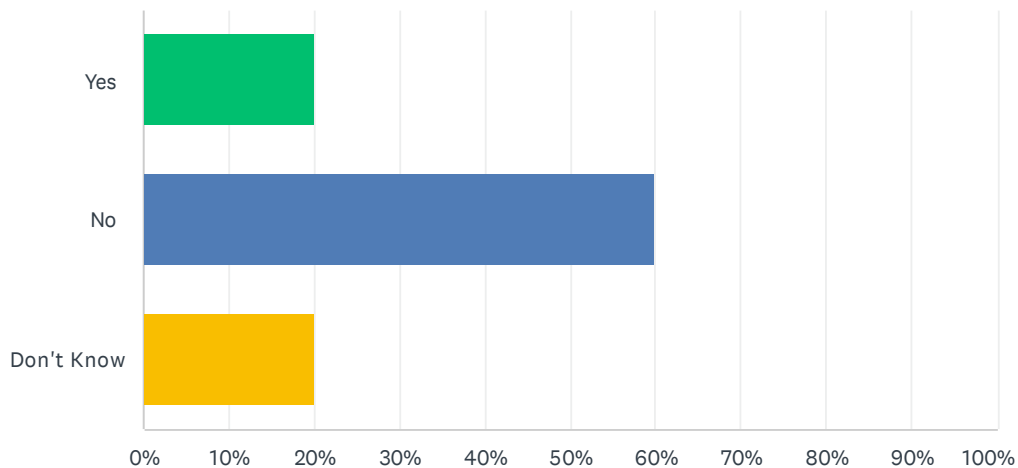
**Q20 What plans or studies has your agency developed that relate to hazards, the climate, new or existing facilities, vulnerable populations, or other areas related to hazard mitigation?**

Answered: 5   Skipped: 11

| # | RESPONSES                                                                                                             | DATE                |
|---|-----------------------------------------------------------------------------------------------------------------------|---------------------|
| 1 | We are part of the Route 130 Corridor/River Route Corridor Consortium that the NJDEP is funding a CCRHVA study.       | 11/2/2023 3:49 PM   |
| 2 | Previous HMP was changed by higher level reviewers deleting risks and vulnerabilities local officials had identified. | 10/25/2023 9:21 AM  |
| 3 | Currently developing a construction plan to address flooding at our station                                           | 10/13/2023 12:03 PM |
| 4 | Work with our LEPC to review and plan from past events                                                                | 10/13/2023 9:08 AM  |
| 5 | None                                                                                                                  | 10/12/2023 12:01 PM |

**Q21 Is your agency currently involved in conducting any studies or developing any programs which would further support Burlington County's hazard mitigation program? Studies can include hazard-specific information, data gathering which supports risk assessments, including economic data, or statistical data of other types.**

Answered: 10 Skipped: 6



| ANSWER CHOICES | RESPONSES |    |
|----------------|-----------|----|
| Yes            | 20.00%    | 2  |
| No             | 60.00%    | 6  |
| Don't Know     | 20.00%    | 2  |
| TOTAL          |           | 10 |

| # | IF YES, PLEASE BRIEFLY DESCRIBE THE TYPE OF STUDY UNDERWAY, AND LIST THE ANTICIPATED YEAR OF COMPLETION. | DATE               |
|---|----------------------------------------------------------------------------------------------------------|--------------------|
| 1 | CCRHVA that will be conducted by a vendor of the NJDEP                                                   | 11/2/2023 3:49 PM  |
| 2 | Using call hx and tracking/mapping via GIS to identify volume and hazards                                | 10/13/2023 9:08 AM |

## Q22 Does your agency currently have any mitigation projects or activities underway? If so, please describe.

Answered: 6   Skipped: 10

| # | RESPONSES                                                                                   | DATE                |
|---|---------------------------------------------------------------------------------------------|---------------------|
| 1 | Yes. Every public facilities project we perform attempts to address items in our HMP annex. | 11/2/2023 3:49 PM   |
| 2 | no                                                                                          | 11/1/2023 7:59 PM   |
| 3 | Waterfront bulkhead project stalled for fifteen years awaiting state & federal approval.    | 10/25/2023 9:21 AM  |
| 4 | Yes, drainage improvements at our station to reduce flooding                                | 10/13/2023 12:03 PM |
| 5 | Our EMC is working on items                                                                 | 10/13/2023 9:08 AM  |
| 6 | No                                                                                          | 10/12/2023 12:01 PM |



**Q23 Please provide a list of projects or programs that your facility or organization would like to complete in order to reduce your vulnerability to damages and losses, including loss of operation/service, to hazard events.**

Answered: 5   Skipped: 11

| # | RESPONSES                                                                                                                                                                                                                                                                                                                    | DATE                |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1 | Emergency generators, MS4 upgrades, MS4 study for capacity building, hardening of riverbank to mitigate erosion, improvements to the BSA STP which is currently in the flood hazard area. Enhance response capabilities through investment in heavy equipment. Building a new DPW facility outside of the flood hazard area. | 11/2/2023 3:54 PM   |
| 2 | Waterfront bulkhead repair / replacement. Stormwater upgrade. Water treatment plant protection.                                                                                                                                                                                                                              | 10/25/2023 9:22 AM  |
| 3 | Community Wildfire mitigation in one area of town, fix flooding problems at our one fire station                                                                                                                                                                                                                             | 10/13/2023 12:04 PM |
| 4 | Utility hazard recognition and planning e.g petroleum and natural gas pipelines through town. Flooding vulnerability.                                                                                                                                                                                                        | 10/13/2023 9:10 AM  |
| 5 | New vehicle acquisition                                                                                                                                                                                                                                                                                                      | 10/12/2023 12:02 PM |

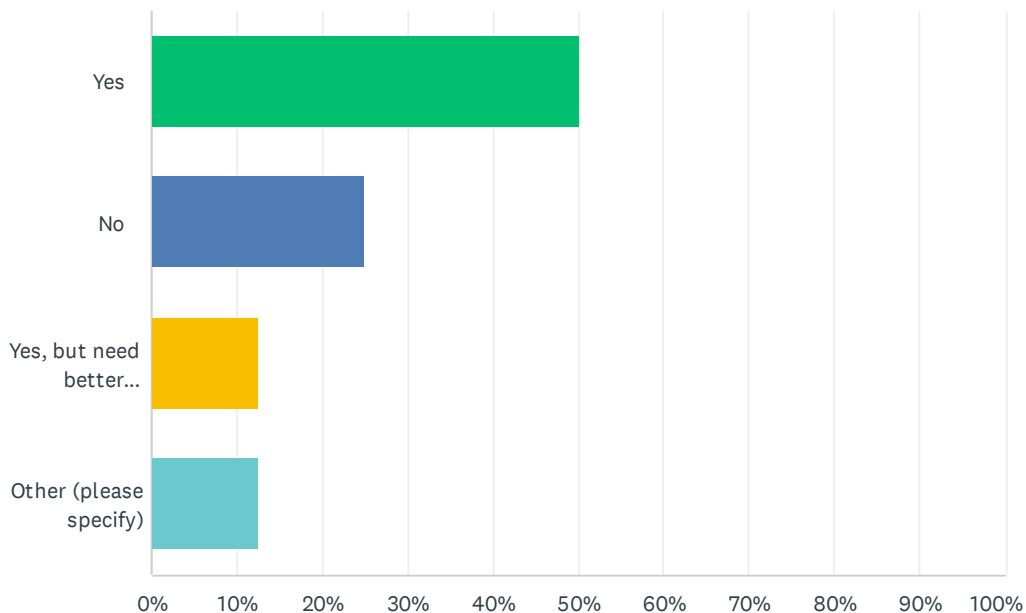
**Q24 Please list any projects or programs that you have recently implemented that you believe will reduce your facility's/organization's vulnerability, damage, and losses (including loss of operation/service) due to hazard events.**

Answered: 4   Skipped: 12

| # | RESPONSES                                                                                                                                                                                                         | DATE                |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1 | Road Improvement projects that replace/upgrade, and/or increase storm surge through our MS4. We are presently mapping the entire Sanitary Sewer and Storm Sewer Systems to evaluate capacity and vulnerabilities. | 11/2/2023 3:54 PM   |
| 2 | None - unable due to federal & state regulations.                                                                                                                                                                 | 10/25/2023 9:22 AM  |
| 3 | See EMC                                                                                                                                                                                                           | 10/13/2023 9:10 AM  |
| 4 | Safer grant                                                                                                                                                                                                       | 10/12/2023 12:02 PM |

## Q25 Are you aware of the number and location of vulnerable populations in your community/operating area?

Answered: 8 Skipped: 8

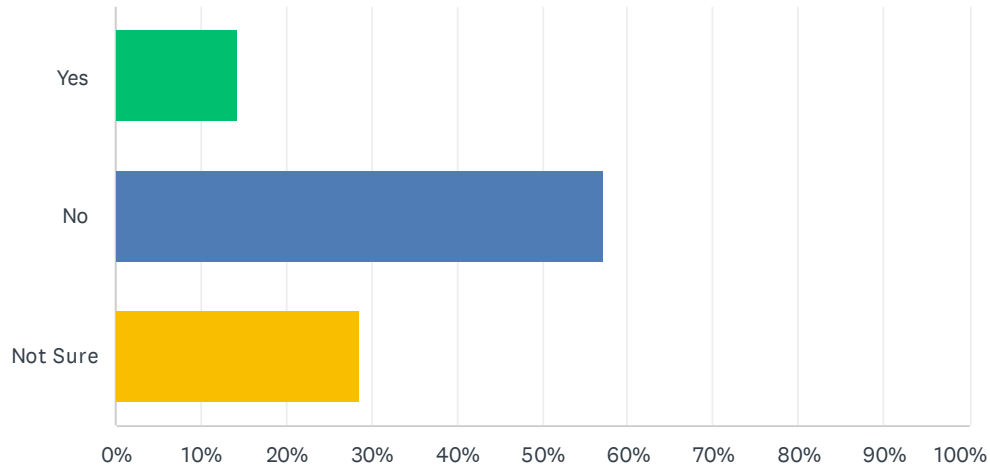


| ANSWER CHOICES                   | RESPONSES |   |
|----------------------------------|-----------|---|
| Yes                              | 50.00%    | 4 |
| No                               | 25.00%    | 2 |
| Yes, but need better information | 12.50%    | 1 |
| Other (please specify)           | 12.50%    | 1 |
| TOTAL                            |           | 8 |

| # | OTHER (PLEASE SPECIFY)    | DATE               |
|---|---------------------------|--------------------|
| 1 | Areas along our waterways | 10/13/2023 5:21 PM |

## Q26 Does your agency provide assistance to any socially vulnerable or underserved populations in Burlington County?

Answered: 7   Skipped: 9



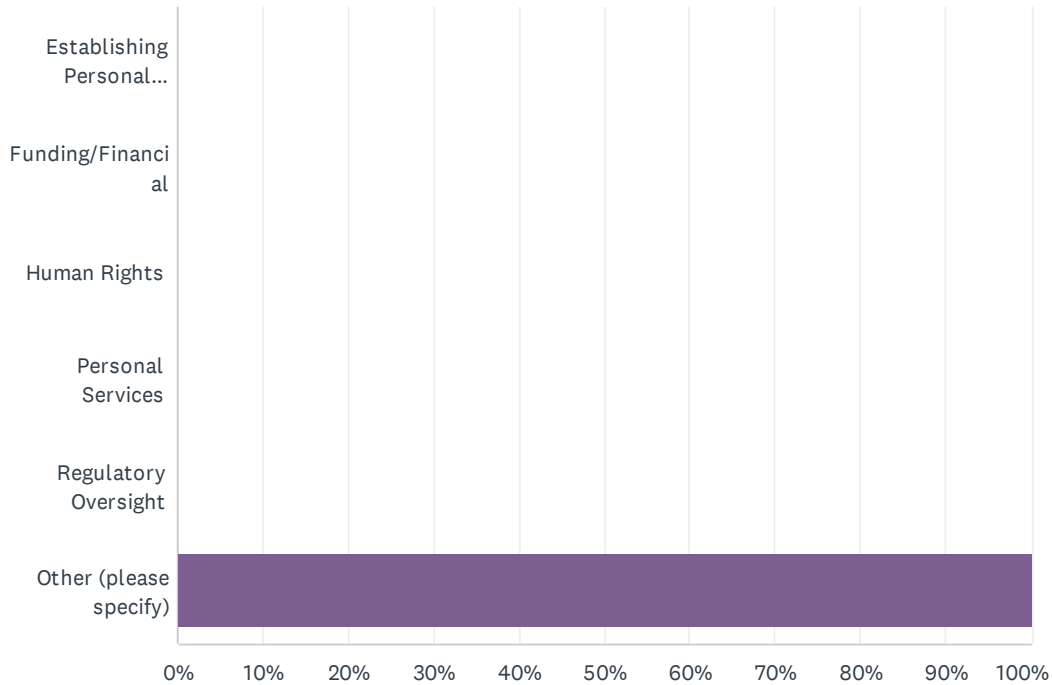
| ANSWER CHOICES | RESPONSES |
|----------------|-----------|
| Yes            | 14.29% 1  |
| No             | 57.14% 4  |
| Not Sure       | 28.57% 2  |
| TOTAL          | 7         |

| # | OTHER (PLEASE SPECIFY)                     | DATE                |
|---|--------------------------------------------|---------------------|
| 1 | We provide just for the City of Beverly    | 11/2/2023 3:57 PM   |
| 2 | Just through emergency services response   | 10/13/2023 12:05 PM |
| 3 | Emergency responses and community outreach | 10/13/2023 9:12 AM  |



## Q27 If yes, what types of services do you provide?

Answered: 3 Skipped: 13



| ANSWER CHOICES                 | RESPONSES |
|--------------------------------|-----------|
| Establishing Personal Services | 0.00% 0   |
| Funding/Financial              | 0.00% 0   |
| Human Rights                   | 0.00% 0   |
| Personal Services              | 0.00% 0   |
| Regulatory Oversight           | 0.00% 0   |
| Other (please specify)         | 100.00% 3 |
| Total Respondents: 3           |           |

| # | OTHER (PLEASE SPECIFY)                                                 | DATE               |
|---|------------------------------------------------------------------------|--------------------|
| 1 | Resource for information and getting assistance to those most in need. | 11/2/2023 3:57 PM  |
| 2 | None                                                                   | 10/25/2023 9:24 AM |
| 3 | Emergency services                                                     | 10/13/2023 9:12 AM |

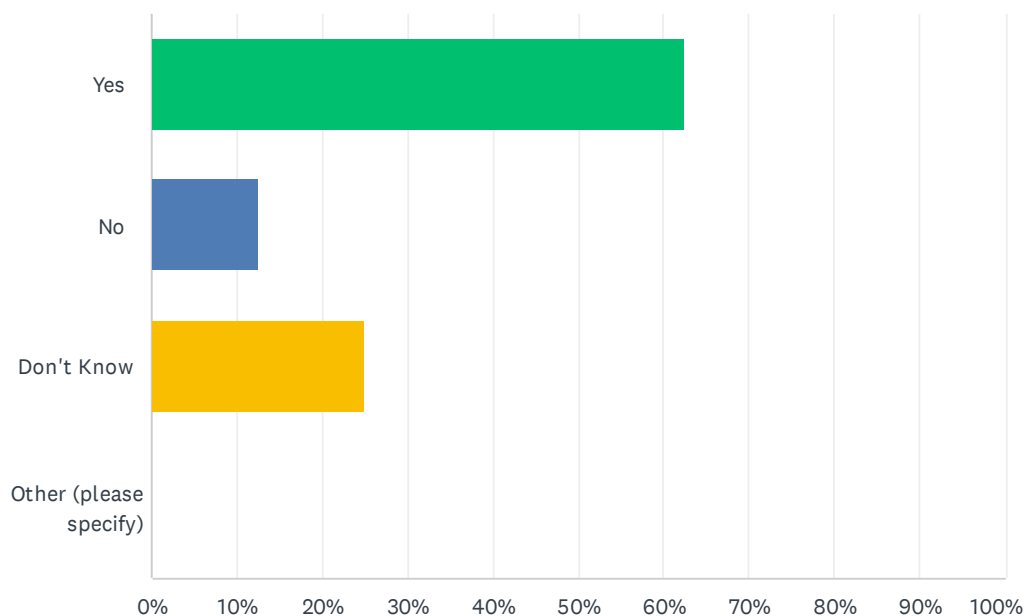
## Q28 Please provide a list of the populations or communities served by your agency.

Answered: 4   Skipped: 12

| # | RESPONSES                                                                                             | DATE               |
|---|-------------------------------------------------------------------------------------------------------|--------------------|
| 1 | Senior, limited English proficiency, economically disadvantaged individuals and families              | 11/2/2023 3:57 PM  |
| 2 | .?                                                                                                    | 10/25/2023 9:24 AM |
| 3 | Residents of Delanco Twp. as well as mutual aid to Beverly, Edgewater Park, Riverside and Delran Twp. | 10/13/2023 5:21 PM |
| 4 | All                                                                                                   | 10/13/2023 9:12 AM |

## Q29 Do you provide these services during times of disaster?

Answered: 8 Skipped: 8



| ANSWER CHOICES         | RESPONSES |   |
|------------------------|-----------|---|
| Yes                    | 62.50%    | 5 |
| No                     | 12.50%    | 1 |
| Don't Know             | 25.00%    | 2 |
| Other (please specify) | 0.00%     | 0 |
| TOTAL                  |           | 8 |

| # | OTHER (PLEASE SPECIFY)  | DATE |
|---|-------------------------|------|
|   | There are no responses. |      |

Q30 What barriers and community characteristics exist within Burlington County that may create additional vulnerabilities to hazards? This may include but is not limited to access to transportation, broadband access, economic disadvantages, physical health (chronic diseases), limited physical mobility, age (older adults and children), and rural communities.

Answered: 2   Skipped: 14

| # | RESPONSES                                                                                                      | DATE               |
|---|----------------------------------------------------------------------------------------------------------------|--------------------|
| 1 | Economic disadvantages, limited physical mobility, lack of access to transportation. Lack of a County shelter. | 11/2/2023 3:57 PM  |
| 2 | Ukwn                                                                                                           | 10/13/2023 9:12 AM |



## Q31 Do you have any questions or comments for Burlington County?

Answered: 2   Skipped: 14

| # | RESPONSES | DATE                |
|---|-----------|---------------------|
| 1 | No        | 10/13/2023 5:21 PM  |
| 2 | No        | 10/13/2023 12:05 PM |

## Q1 Contact Information

Answered: 8    Skipped: 0

| ANSWER CHOICES    | RESPONSES |   |
|-------------------|-----------|---|
| Name              | 100.00%   | 8 |
| Department/Agency | 100.00%   | 8 |
| Address           | 0.00%     | 0 |
| Address 2         | 0.00%     | 0 |
| City/Town         | 100.00%   | 8 |
| State/Province    | 0.00%     | 0 |
| ZIP/Postal Code   | 0.00%     | 0 |
| Country           | 0.00%     | 0 |
| Email Address     | 100.00%   | 8 |
| Phone Number      | 100.00%   | 8 |

| # | NAME                | DATE                |
|---|---------------------|---------------------|
| 1 | Michael Merkx       | 10/25/2023 6:12 AM  |
| 2 | Dennis Moore        | 10/24/2023 9:30 AM  |
| 3 | Emma Giardina       | 10/18/2023 8:58 AM  |
| 4 | Teri Giercyk        | 10/13/2023 9:09 AM  |
| 5 | Richard Dippolito   | 10/13/2023 8:18 AM  |
| 6 | Andrew Simone       | 10/13/2023 6:12 AM  |
| 7 | Veronica A Laureigh | 10/12/2023 2:26 PM  |
| 8 | Kevin Dippolito     | 10/12/2023 11:22 AM |

| # | DEPARTMENT/AGENCY                           | DATE                |
|---|---------------------------------------------|---------------------|
| 1 | n.a.                                        | 10/25/2023 6:12 AM  |
| 2 | Cherry Hill OEM                             | 10/24/2023 9:30 AM  |
| 3 | Philadelphia Office of Emergency Management | 10/18/2023 8:58 AM  |
| 4 | Manchester Township                         | 10/13/2023 9:09 AM  |
| 5 | Falls Township                              | 10/13/2023 8:18 AM  |
| 6 | Public Works                                | 10/13/2023 6:12 AM  |
| 7 | Administrator                               | 10/12/2023 2:26 PM  |
| 8 | Bristol Township Emergency Management       | 10/12/2023 11:22 AM |

| # | ADDRESS                 | DATE |
|---|-------------------------|------|
|   | There are no responses. |      |
| # | ADDRESS 2               | DATE |

# Burlington County Hazard Mitigation Plan - Neighboring Community Survey

There are no responses.

| # | CITY/TOWN       | DATE                |
|---|-----------------|---------------------|
| 1 | Moorestown      | 10/25/2023 6:12 AM  |
| 2 | Cherry Hill     | 10/24/2023 9:30 AM  |
| 3 | Philadelphia    | 10/18/2023 8:58 AM  |
| 4 | MANCHESTER      | 10/13/2023 9:09 AM  |
| 5 | Fairless Hills  | 10/13/2023 8:18 AM  |
| 6 | Berlin Township | 10/13/2023 6:12 AM  |
| 7 | Lacey Twp       | 10/12/2023 2:26 PM  |
| 8 | Bristol         | 10/12/2023 11:22 AM |

| # | STATE/PROVINCE | DATE |
|---|----------------|------|
|---|----------------|------|

There are no responses.

| # | ZIP/POSTAL CODE | DATE |
|---|-----------------|------|
|---|-----------------|------|

There are no responses.

| # | COUNTRY | DATE |
|---|---------|------|
|---|---------|------|

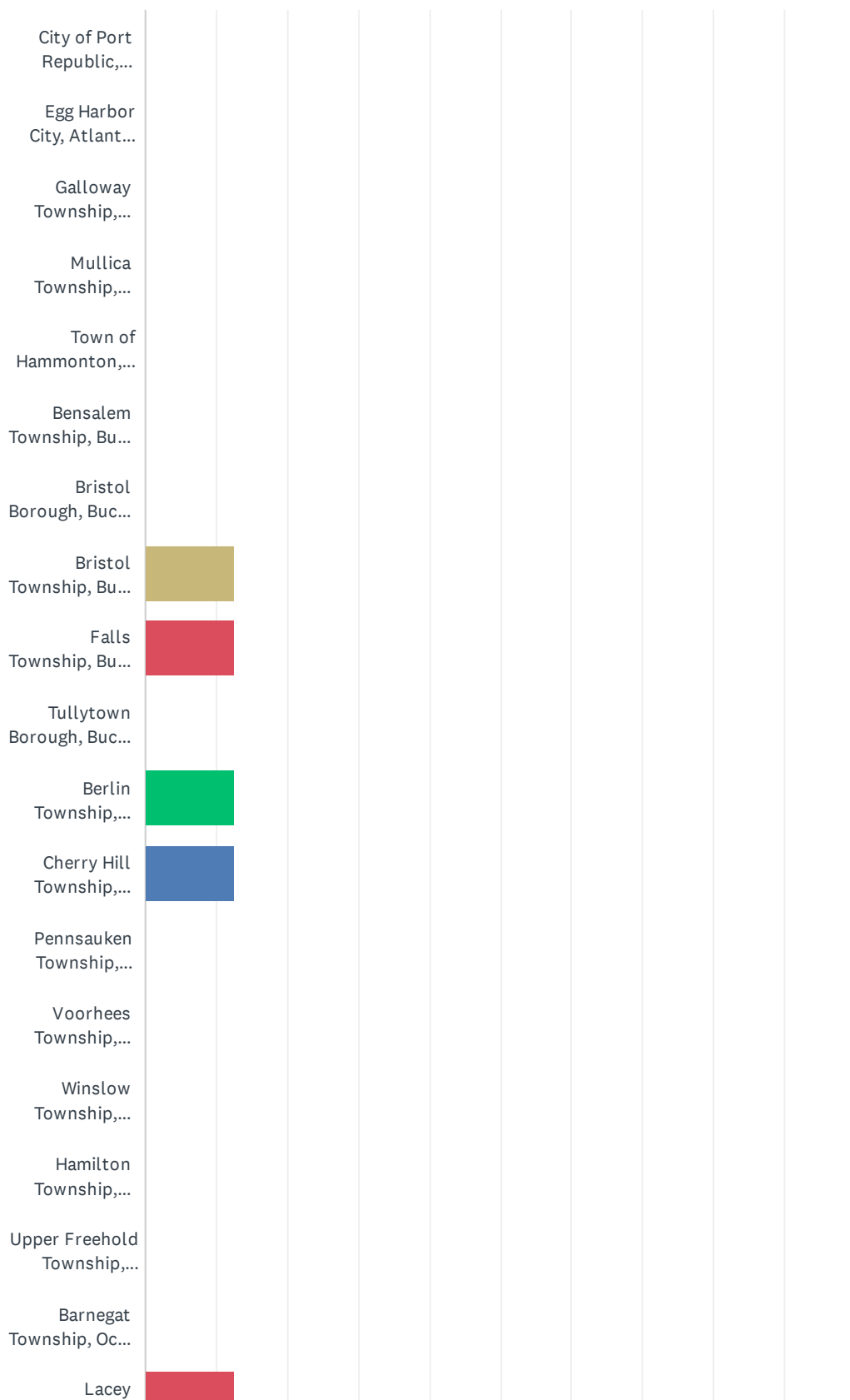
There are no responses.

| # | EMAIL ADDRESS                   | DATE                |
|---|---------------------------------|---------------------|
| 1 | merkx@abitape.com               | 10/25/2023 6:12 AM  |
| 2 | dmoore@cherryhillpolice.com     | 10/24/2023 9:30 AM  |
| 3 | emma.giardina@phila.gov         | 10/18/2023 8:58 AM  |
| 4 | tgiercyk@manchestertwp.com      | 10/13/2023 9:09 AM  |
| 5 | r.dippolito@fallstwp.com        | 10/13/2023 8:18 AM  |
| 6 | asimone@berlintwp.com           | 10/13/2023 6:12 AM  |
| 7 | LACEYCLERK@LACEYTOWNSHIP.ORG    | 10/12/2023 2:26 PM  |
| 8 | kdippolito@bristol township.org | 10/12/2023 11:22 AM |

| # | PHONE NUMBER | DATE                |
|---|--------------|---------------------|
| 1 | 4407252840   | 10/25/2023 6:12 AM  |
| 2 | 8564328836   | 10/24/2023 9:30 AM  |
| 3 | 2672391564   | 10/18/2023 8:58 AM  |
| 4 | 7326578121   | 10/13/2023 9:09 AM  |
| 5 | 215-949-9115 | 10/13/2023 8:18 AM  |
| 6 | 8567675052   | 10/13/2023 6:12 AM  |
| 7 | 6096931100   | 10/12/2023 2:26 PM  |
| 8 | 267-812-2938 | 10/12/2023 11:22 AM |

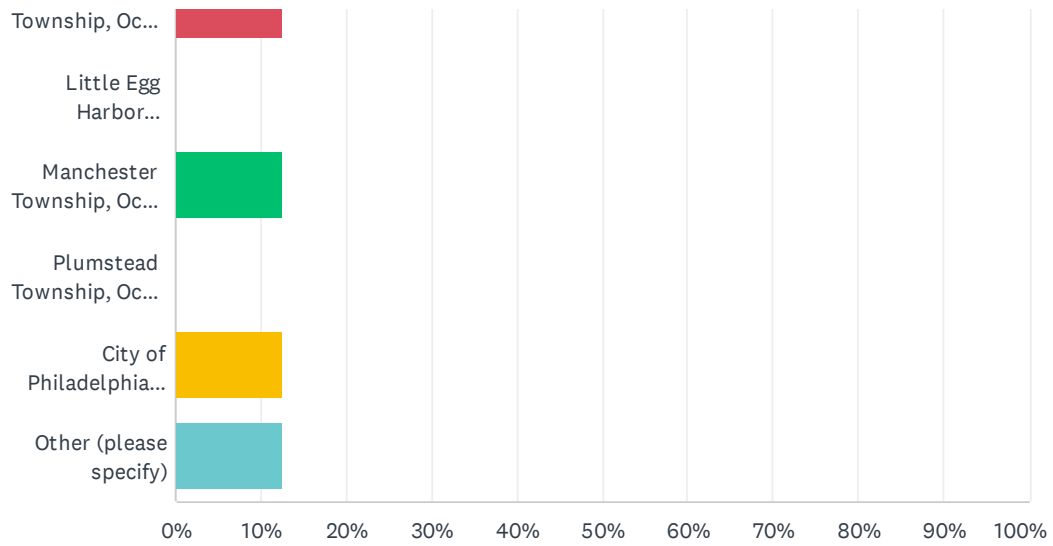
## Q2 Please indicate the county your organization represents.

Answered: 8 Skipped: 0





## Burlington County Hazard Mitigation Plan - Neighboring Community Survey



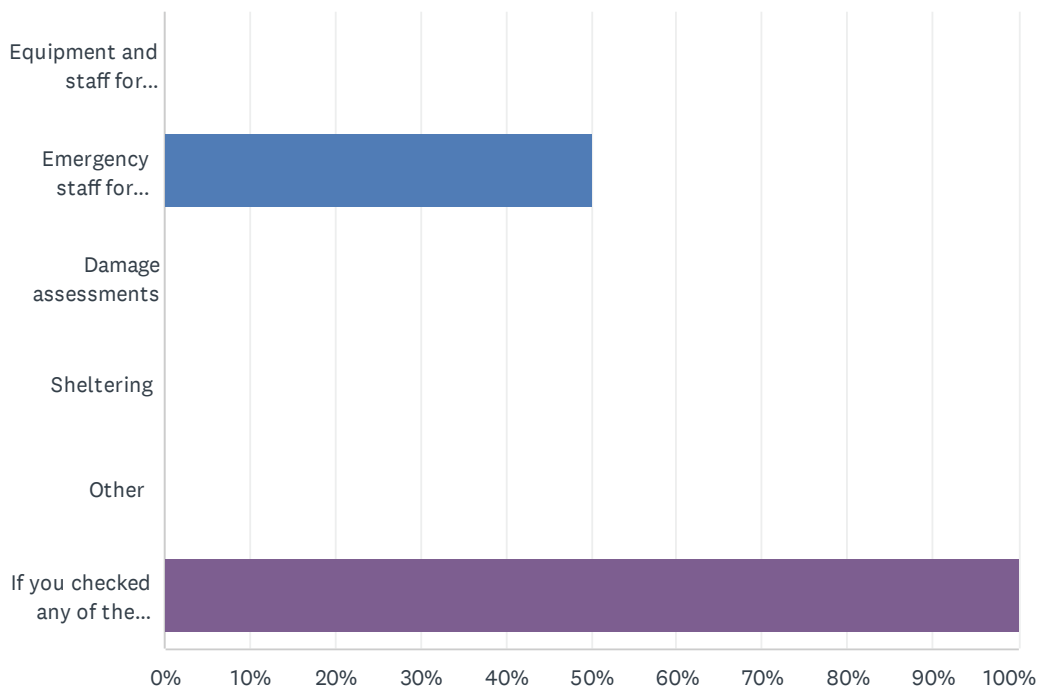
# Burlington County Hazard Mitigation Plan - Neighboring Community Survey

| ANSWER CHOICES                            | RESPONSES |   |
|-------------------------------------------|-----------|---|
| City of Port Republic, Atlantic County    | 0.00%     | 0 |
| Egg Harbor City, Atlantic County          | 0.00%     | 0 |
| Galloway Township, Atlantic County        | 0.00%     | 0 |
| Mullica Township, Atlantic County         | 0.00%     | 0 |
| Town of Hammonton, Atlantic County        | 0.00%     | 0 |
| Bensalem Township, Bucks County           | 0.00%     | 0 |
| Bristol Borough, Bucks County             | 0.00%     | 0 |
| Bristol Township, Bucks County            | 12.50%    | 1 |
| Falls Township, Bucks County              | 12.50%    | 1 |
| Tullytown Borough, Bucks County           | 0.00%     | 0 |
| Berlin Township, Camden County            | 12.50%    | 1 |
| Cherry Hill Township, Camden County       | 12.50%    | 1 |
| Pennsauken Township, Camden County        | 0.00%     | 0 |
| Voorhees Township, Camden County          | 0.00%     | 0 |
| Winslow Township, Camden County           | 0.00%     | 0 |
| Hamilton Township, Mercer County          | 0.00%     | 0 |
| Upper Freehold Township, Monmouth County  | 0.00%     | 0 |
| Barnegat Township, Ocean County           | 0.00%     | 0 |
| Lacey Township, Ocean County              | 12.50%    | 1 |
| Little Egg Harbor Township, Ocean County  | 0.00%     | 0 |
| Manchester Township, Ocean County         | 12.50%    | 1 |
| Plumstead Township, Ocean County          | 0.00%     | 0 |
| City of Philadelphia, Philadelphia County | 12.50%    | 1 |
| Other (please specify)                    | 12.50%    | 1 |
| TOTAL                                     |           | 8 |

| # | OTHER (PLEASE SPECIFY) | DATE               |
|---|------------------------|--------------------|
| 1 | Burlington             | 10/25/2023 6:12 AM |

### Q3 Do you have any shared service agreements or mutual aid agreements in place with Burlington County or any Burlington municipalities for the following?

Answered: 2   Skipped: 6

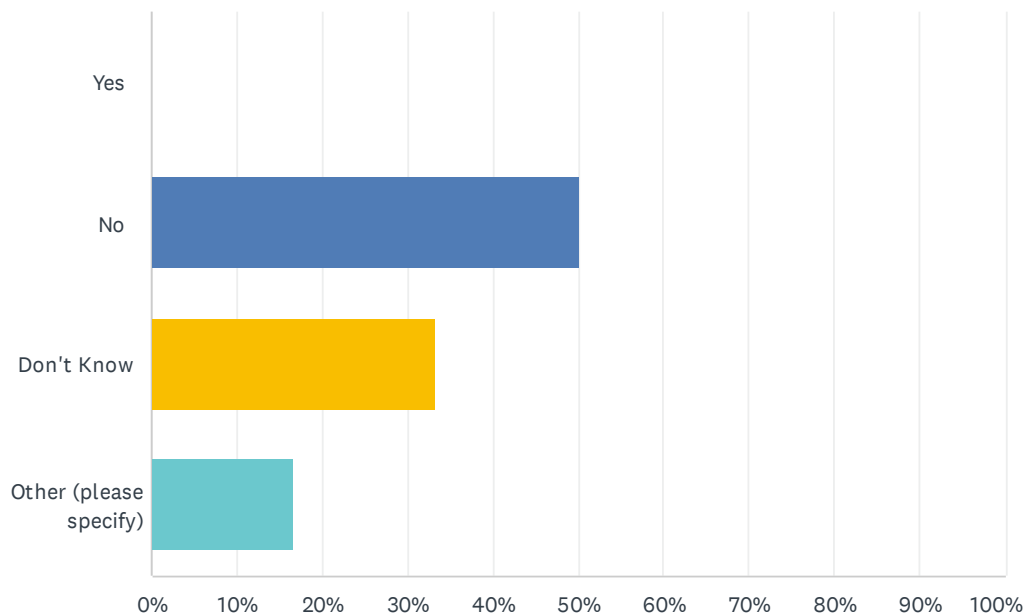


| ANSWER CHOICES                                     | RESPONSES |   |
|----------------------------------------------------|-----------|---|
| Equipment and staff for debris cleanup and removal | 0.00%     | 0 |
| Emergency staff for evacuations/disaster response  | 50.00%    | 1 |
| Damage assessments                                 | 0.00%     | 0 |
| Sheltering                                         | 0.00%     | 0 |
| Other                                              | 0.00%     | 0 |
| If you checked any of the above, please explain.   | 100.00%   | 2 |
| Total Respondents: 2                               |           |   |

| # | IF YOU CHECKED ANY OF THE ABOVE, PLEASE EXPLAIN.                                                                                                                                                                 | DATE                |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1 | none                                                                                                                                                                                                             | 10/12/2023 2:27 PM  |
| 2 | Fire services mutual aid agreement with Burlington City. Would like to establish a mutual aid agreement with Burlington County Special Operations/USAR Team and additional nearby township in Burlington County. | 10/12/2023 11:33 AM |

## Q4 Do you include Burlington County or any Burlington municipalities in your community's comprehensive emergency operations planning, such as by participating on a planning team, or providing resources during an emergency?

Answered: 6 Skipped: 2



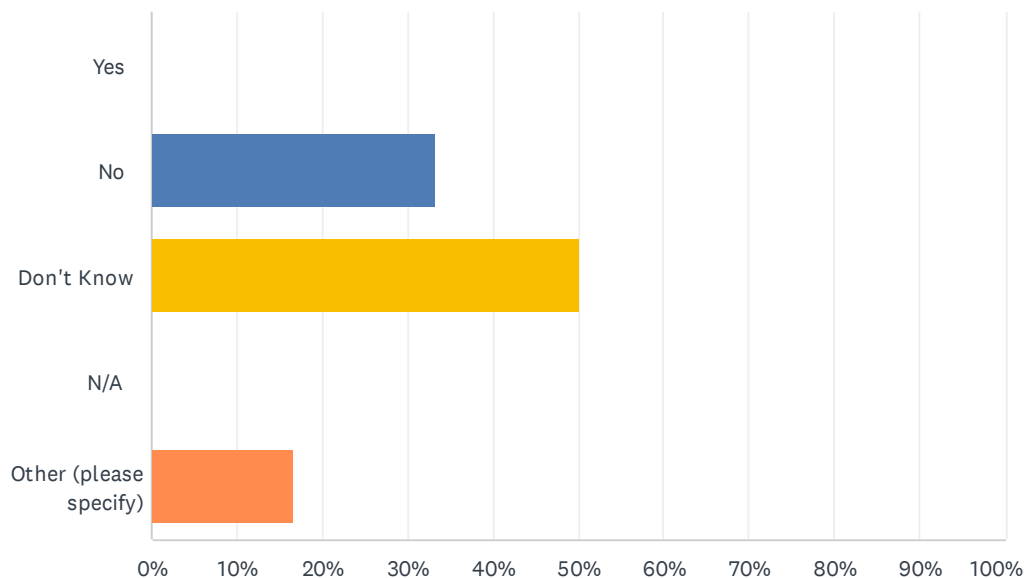
| ANSWER CHOICES         |  | RESPONSES |   |
|------------------------|--|-----------|---|
| Yes                    |  | 0.00%     | 0 |
| No                     |  | 50.00%    | 3 |
| Don't Know             |  | 33.33%    | 2 |
| Other (please specify) |  | 16.67%    | 1 |
| TOTAL                  |  |           | 6 |

| # | OTHER (PLEASE SPECIFY)                                            | DATE                |
|---|-------------------------------------------------------------------|---------------------|
| 1 | Only regarding the fire services mutual aid with Burlington City. | 10/12/2023 11:33 AM |



## Q5 Does your community participate in Burlington County's comprehensive emergency operations planning, such as by participating on a planning team, or providing resources during an emergency?

Answered: 6 Skipped: 2

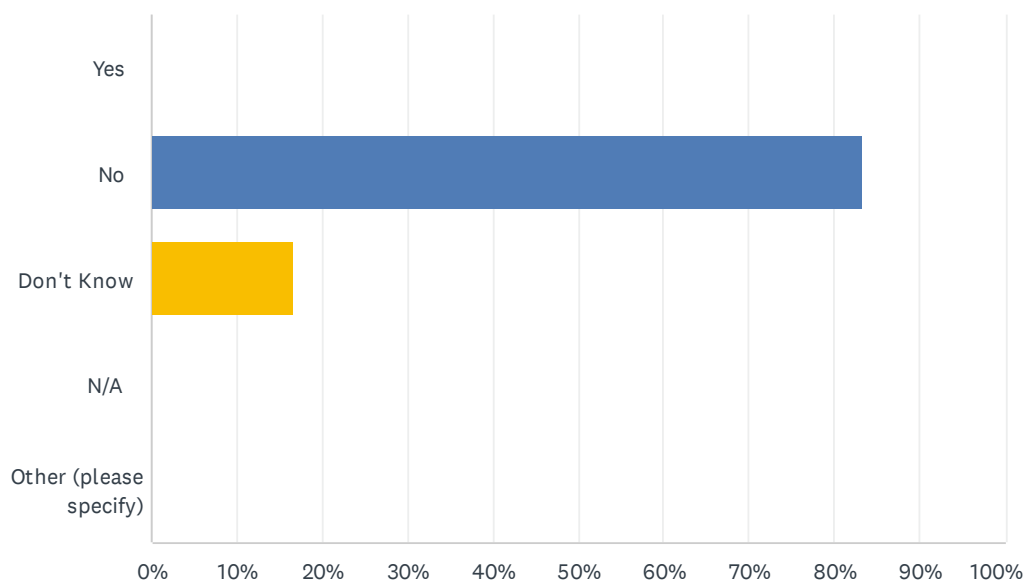


| ANSWER CHOICES         | RESPONSES |          |
|------------------------|-----------|----------|
| Yes                    | 0.00%     | 0        |
| No                     | 33.33%    | 2        |
| Don't Know             | 50.00%    | 3        |
| N/A                    | 0.00%     | 0        |
| Other (please specify) | 16.67%    | 1        |
| <b>TOTAL</b>           |           | <b>6</b> |

| # | OTHER (PLEASE SPECIFY)                   | DATE                |
|---|------------------------------------------|---------------------|
| 1 | We've never been invited to participate. | 10/12/2023 11:33 AM |

**Q6 Do you include Burlington County or any Burlington municipalities in your community's Continuity of Operations planning, such as by participating on a planning team, providing resources during an emergency, or carrying out some of your community's essential functions for a period of time?**

Answered: 6 Skipped: 2

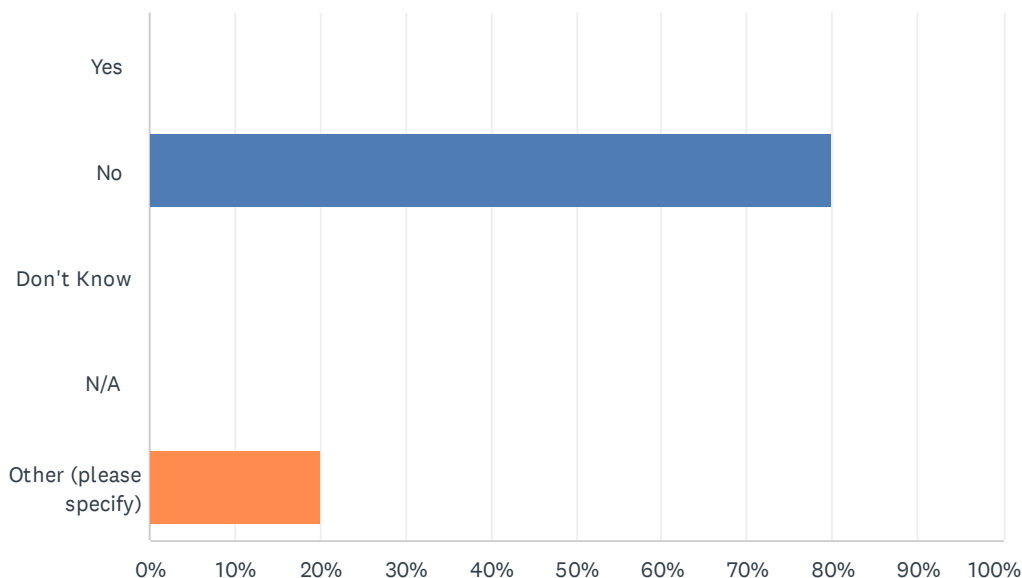


| ANSWER CHOICES         | RESPONSES |   |
|------------------------|-----------|---|
| Yes                    | 0.00%     | 0 |
| No                     | 83.33%    | 5 |
| Don't Know             | 16.67%    | 1 |
| N/A                    | 0.00%     | 0 |
| Other (please specify) | 0.00%     | 0 |
| TOTAL                  |           | 6 |

| # | OTHER (PLEASE SPECIFY)  | DATE |
|---|-------------------------|------|
|   | There are no responses. |      |

**Q7 Does your community participate in Burlington County or any Burlington municipality's Continuity of Operations planning, such as by participating on a planning team, providing resources during an emergency, or carrying out some of Burlington County's essential functions for a period of time?**

Answered: 5   Skipped: 3



| ANSWER CHOICES         | RESPONSES |
|------------------------|-----------|
| Yes                    | 0.00% 0   |
| No                     | 80.00% 4  |
| Don't Know             | 0.00% 0   |
| N/A                    | 0.00% 0   |
| Other (please specify) | 20.00% 1  |
| TOTAL                  | 5         |

| # | OTHER (PLEASE SPECIFY)                   | DATE                |
|---|------------------------------------------|---------------------|
| 1 | We've never been invited to participate. | 10/12/2023 11:33 AM |

**Q8 Thinking about emergency operations and disaster response, please explain how these actions are communicated between your community and Burlington County.**

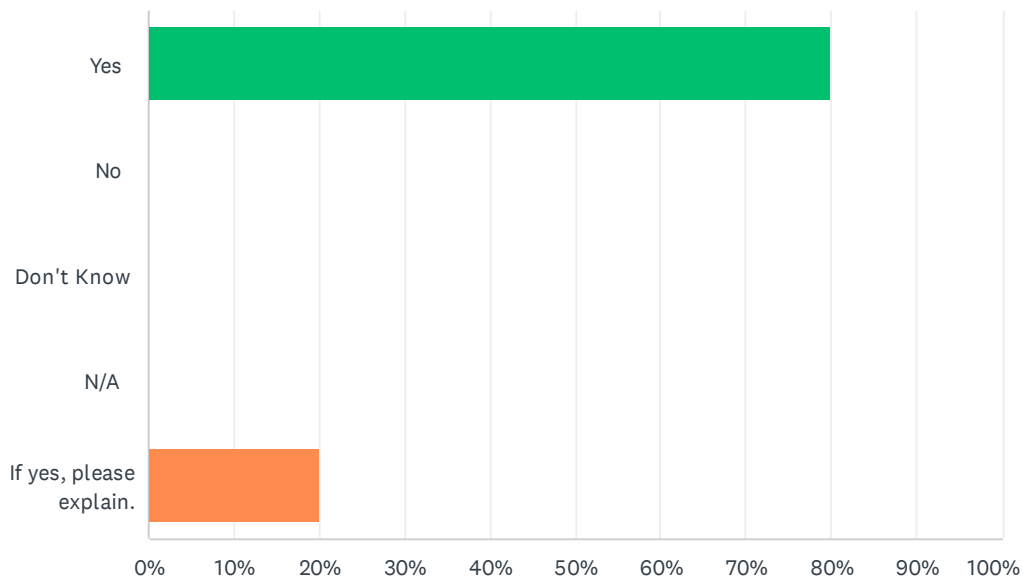
Answered: 2   Skipped: 6

| # | RESPONSES                                                                                                                                                                                                                                                                                                                             | DATE                |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1 | Philadelphia OEM would reach out and coordinate directly with Burlington County if there was a disaster/emergency with the potential to impact both jurisdictions.                                                                                                                                                                    | 10/18/2023 9:16 AM  |
| 2 | There's been no communication as so far as planning goes. If you are referring to actual radio communications, the ability for Bucks County fire units to communicate with Burlington County fire units no longer exists. I'm told Burlington County radio communications no longer has the capability of connecting to Bucks County. | 10/12/2023 11:33 AM |



## Q9 Does your community have access to contact information for Burlington County's emergency operation centers?

Answered: 5   Skipped: 3

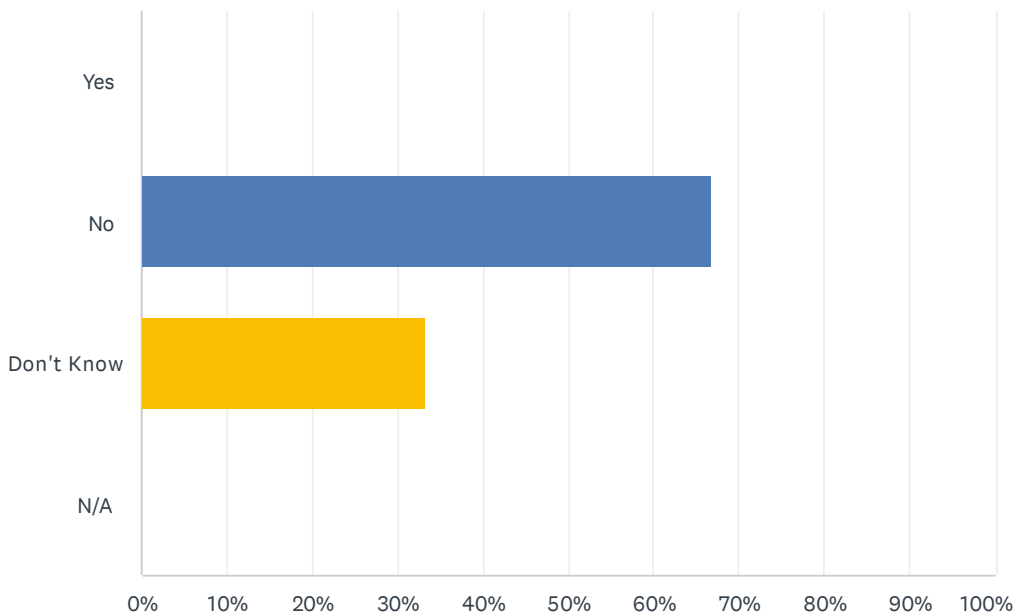


| ANSWER CHOICES          | RESPONSES |   |
|-------------------------|-----------|---|
| Yes                     | 80.00%    | 4 |
| No                      | 0.00%     | 0 |
| Don't Know              | 0.00%     | 0 |
| N/A                     | 0.00%     | 0 |
| If yes, please explain. | 20.00%    | 1 |
| TOTAL                   |           | 5 |

| # | IF YES, PLEASE EXPLAIN.                         | DATE               |
|---|-------------------------------------------------|--------------------|
| 1 | Please forward Emergency Management Information | 10/13/2023 6:26 AM |

## Q10 Does your community share risk and vulnerability assessments (e.g., flood mapping, GIS, Hazus, etc.) with Burlington County?

Answered: 3   Skipped: 5

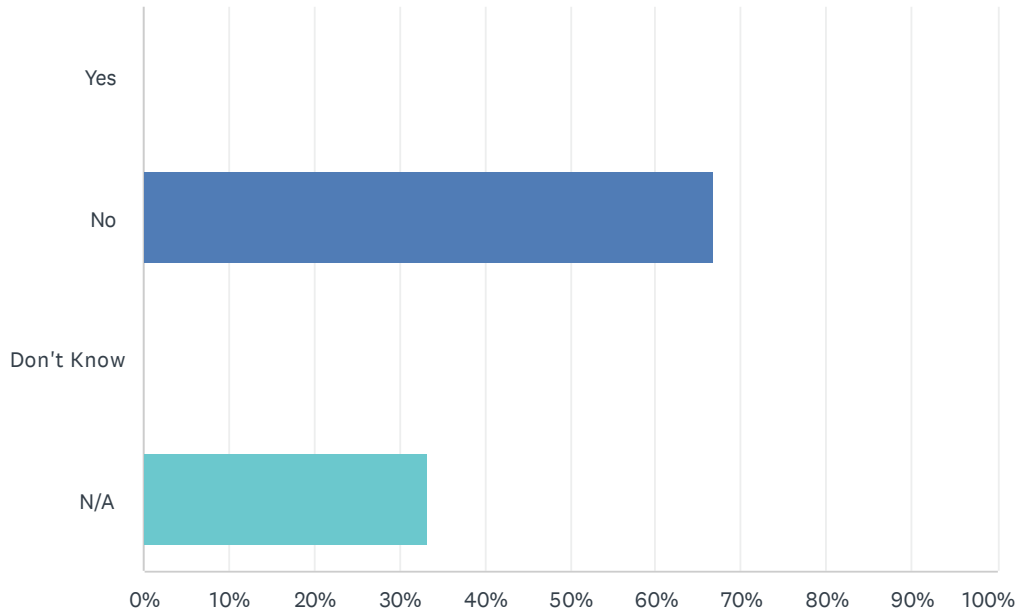


| ANSWER CHOICES | RESPONSES |          |
|----------------|-----------|----------|
| Yes            | 0.00%     | 0        |
| No             | 66.67%    | 2        |
| Don't Know     | 33.33%    | 1        |
| N/A            | 0.00%     | 0        |
| <b>TOTAL</b>   |           | <b>3</b> |

| # | IF YES, PLEASE EXPLAIN.                                                                                                                                                                                           | DATE                |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1 | Our Hazard Mitigation Plan, along with risk and vulnerability assessments, is public facing. For more details, please feel free to reach out to OEM's Hazard Mitigation Program Manager, Emma.Giardina@phila.gov. | 10/18/2023 9:21 AM  |
| 2 | Not at the municipal level.                                                                                                                                                                                       | 10/12/2023 11:37 AM |

## Q11 Is information regarding mitigation shared during the planning and implementation phases of the projects?

Answered: 3   Skipped: 5



| ANSWER CHOICES | RESPONSES |   |
|----------------|-----------|---|
| Yes            | 0.00%     | 0 |
| No             | 66.67%    | 2 |
| Don't Know     | 0.00%     | 0 |
| N/A            | 33.33%    | 1 |
| TOTAL          |           | 3 |

| # | IF YES, PLEASE EXPLAIN.                                                                    | DATE                |
|---|--------------------------------------------------------------------------------------------|---------------------|
| 1 | If a project had the potential to impact Burlington County, Philadelphia would coordinate. | 10/18/2023 9:21 AM  |
| 2 | Not at the municipal level.                                                                | 10/12/2023 11:37 AM |

Q12 Please describe any situations or hazards that are of concern to both your community and Burlington County. For example, would flooding along a particular waterway impact both jurisdictions, or are there any facilities or infrastructure that would affect both jurisdictions if it/they failed?

Answered: 3   Skipped: 5

| # | RESPONSES                                                                                                               | DATE                |
|---|-------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1 | Delaware River flooding, winter weather, hazardous materials release along the river                                    | 10/18/2023 9:21 AM  |
| 2 | Kettle Run Tributary                                                                                                    | 10/13/2023 6:26 AM  |
| 3 | Flooding, Bridge collapse (Turnpike or Burlington-Bristol), airborne hazmat, Delaware river hazmat, just to name a few. | 10/12/2023 11:37 AM |



### Q13 Please explain how information is shared between your jurisdiction and Burlington County and any Burlington municipalities regarding mitigation projects.

Answered: 3   Skipped: 5

| # | RESPONSES                                                                                                                                                                                                                                              | DATE                |
|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1 | Philadelphia Hazard Mitigation Plan is public facing. Philadelphia OEM is available for additional conversations regarding mitigation project coordination. If a project had the potential to impact both jurisdictions, Philadelphia would reach out. | 10/18/2023 9:21 AM  |
| 2 | N/A                                                                                                                                                                                                                                                    | 10/13/2023 6:26 AM  |
| 3 | n/a                                                                                                                                                                                                                                                    | 10/12/2023 11:37 AM |

## Q14 Are you aware of any projects for the following that requires cross-collaboration between jurisdictional boundaries?

Answered: 0   Skipped: 8

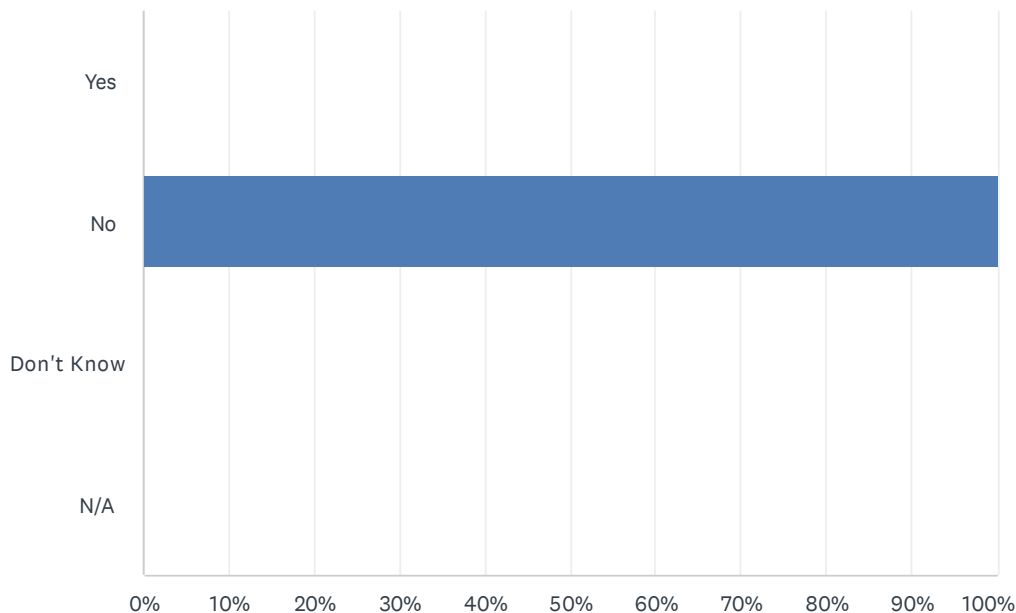
 No matching responses.

| ANSWER CHOICES                                                                     | RESPONSES |   |
|------------------------------------------------------------------------------------|-----------|---|
| Stormwater projects                                                                | 0.00%     | 0 |
| Watershed projects or planning                                                     | 0.00%     | 0 |
| Floodplain projects or planning                                                    | 0.00%     | 0 |
| Connected roadway improvements                                                     | 0.00%     | 0 |
| Natural infrastructure restoration                                                 | 0.00%     | 0 |
| Outreach (education and outreach campaigns, programs for public information, etc.) | 0.00%     | 0 |
| Other                                                                              | 0.00%     | 0 |
| Total Respondents: 0                                                               |           |   |

| # | IF YOU SELECTED ANYTHING ABOVE, PLEASE EXPLAIN.                                                                                                                                                                                                                                                                                                                                                             | DATE                |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1 | Philadelphia OEM would rely on partner agencies leading projects (such as our Water Department) to identify projects requirement cross collaboration. We do encourage regional coordination during our planning process, and would help facilitate coordination if requested by our partners. We are interested in more intentional regional coordination around mitigation project planning in the future. | 10/18/2023 9:28 AM  |
| 2 | not that I am aware of.                                                                                                                                                                                                                                                                                                                                                                                     | 10/12/2023 11:40 AM |

## Q15 Has your jurisdiction and Burlington County or any Burlington municipalities collaborated on grant applications?

Answered: 2   Skipped: 6

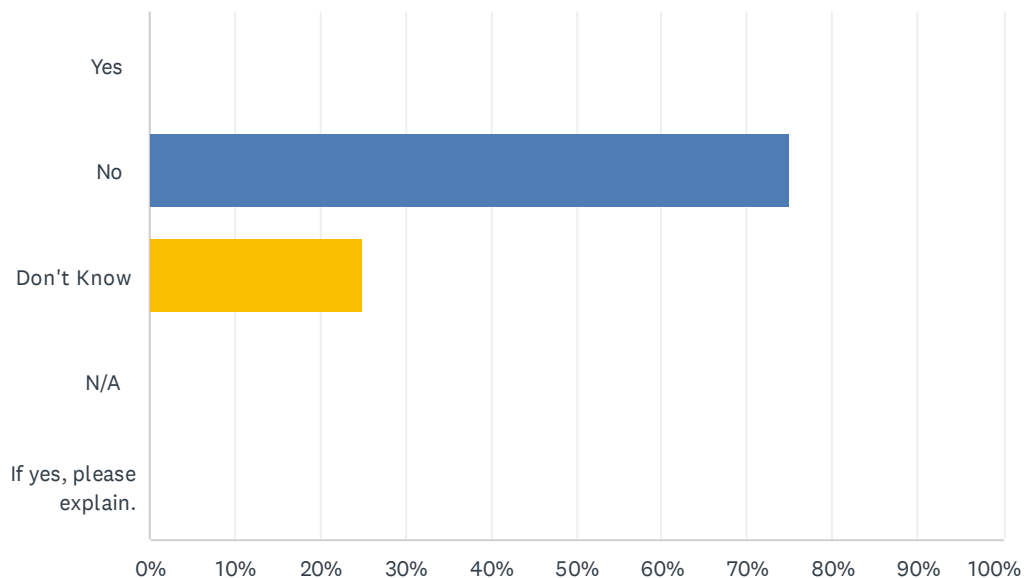


| ANSWER CHOICES | RESPONSES |
|----------------|-----------|
| Yes            | 0.00% 0   |
| No             | 100.00% 2 |
| Don't Know     | 0.00% 0   |
| N/A            | 0.00% 0   |
| TOTAL          | 2         |

| # | IF YES, PLEASE EXPLAIN.          | DATE                |
|---|----------------------------------|---------------------|
| 1 | No mitigation grant applications | 10/18/2023 9:28 AM  |
| 2 | Not that I know of.              | 10/12/2023 11:40 AM |

## Q16 Are you aware of any organizations that carry out education and outreach regarding hazards in both your community and Burlington County?

Answered: 4 Skipped: 4



| ANSWER CHOICES          | RESPONSES |   |
|-------------------------|-----------|---|
| Yes                     | 0.00%     | 0 |
| No                      | 75.00%    | 3 |
| Don't Know              | 25.00%    | 1 |
| N/A                     | 0.00%     | 0 |
| If yes, please explain. | 0.00%     | 0 |
| TOTAL                   |           | 4 |

| # | IF YES, PLEASE EXPLAIN. | DATE |
|---|-------------------------|------|
|   | There are no responses. |      |



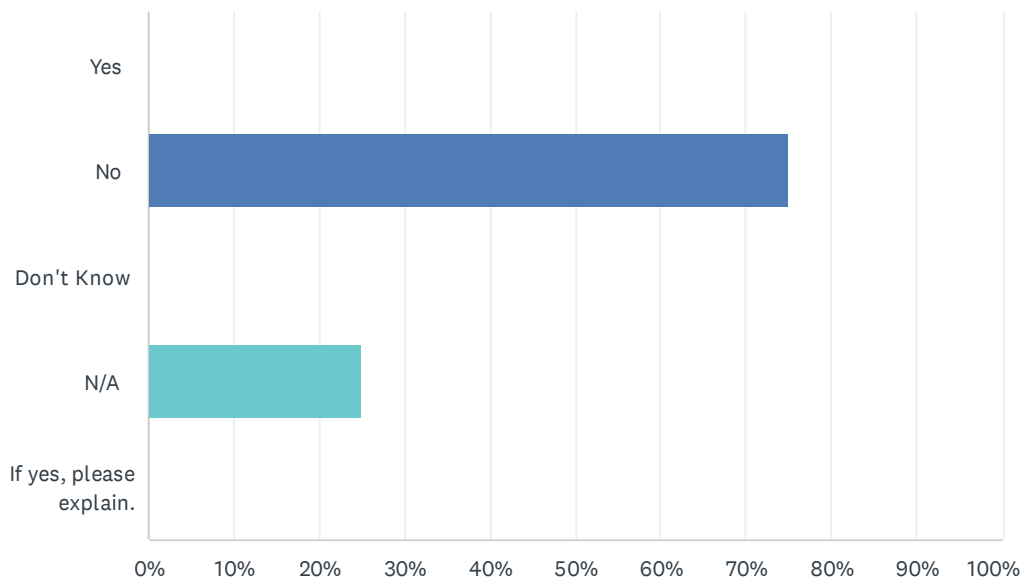
## Q17 What are opportunities or ideas to optimize cooperation with Burlington County on emergency management operations and hazard mitigation projects?

Answered: 3   Skipped: 5

| # | RESPONSES                                                                                                                                                                                                                                  | DATE                |
|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1 | Would be interested in a regional hazard mitigation workgroup with surrounding counties.                                                                                                                                                   | 10/18/2023 9:28 AM  |
| 2 | Communications like this                                                                                                                                                                                                                   | 10/13/2023 6:28 AM  |
| 3 | The most important tool during a disaster or emergency response is the ability to communicate. There is no way for Fire, EMS, or Police to communicate between Bucks County and Burlington. It's hard to believe this is an issue in 2023! | 10/12/2023 11:40 AM |

## Q18 Do you collaborate with Burlington County or any Burlington municipalities on establishing evacuation routes and alternate evacuation routes?

Answered: 4 Skipped: 4

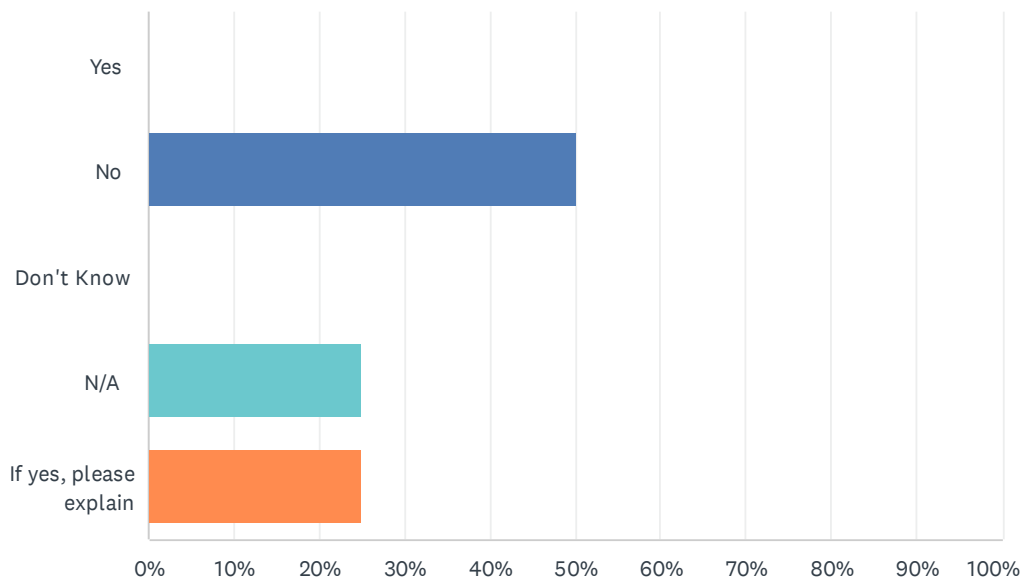


| ANSWER CHOICES          | RESPONSES |          |
|-------------------------|-----------|----------|
| Yes                     | 0.00%     | 0        |
| No                      | 75.00%    | 3        |
| Don't Know              | 0.00%     | 0        |
| N/A                     | 25.00%    | 1        |
| If yes, please explain. | 0.00%     | 0        |
| <b>TOTAL</b>            |           | <b>4</b> |

| # | IF YES, PLEASE EXPLAIN. | DATE |
|---|-------------------------|------|
|   | There are no responses. |      |

## Q19 Do you and Burlington County or any Burlington County municipalities consult with one another before making evacuation decisions that would impact one another (recommending evacuation routes into neighboring jurisdictions)?

Answered: 4 Skipped: 4

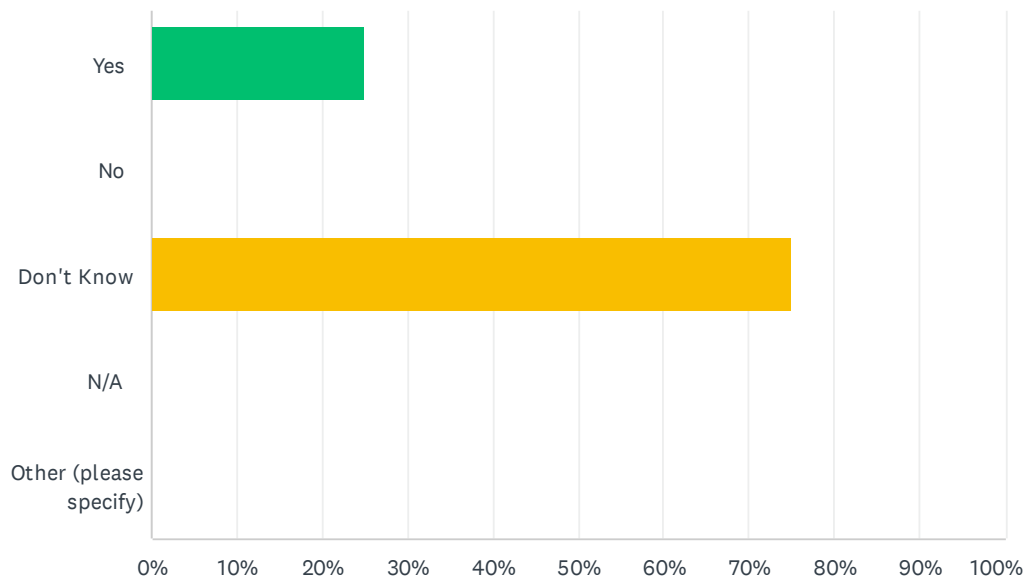


| ANSWER CHOICES         | RESPONSES |   |
|------------------------|-----------|---|
| Yes                    | 0.00%     | 0 |
| No                     | 50.00%    | 2 |
| Don't Know             | 0.00%     | 0 |
| N/A                    | 25.00%    | 1 |
| If yes, please explain | 25.00%    | 1 |
| TOTAL                  |           | 4 |

| # | IF YES, PLEASE EXPLAIN                                                                                      | DATE               |
|---|-------------------------------------------------------------------------------------------------------------|--------------------|
| 1 | Yes - OEM would reach out if there was a disaster/emergency with the potential to impact both jurisdictions | 10/18/2023 9:29 AM |

## Q20 Are evacuation routes maintained to the same level of protection across jurisdictional lines?

Answered: 4   Skipped: 4



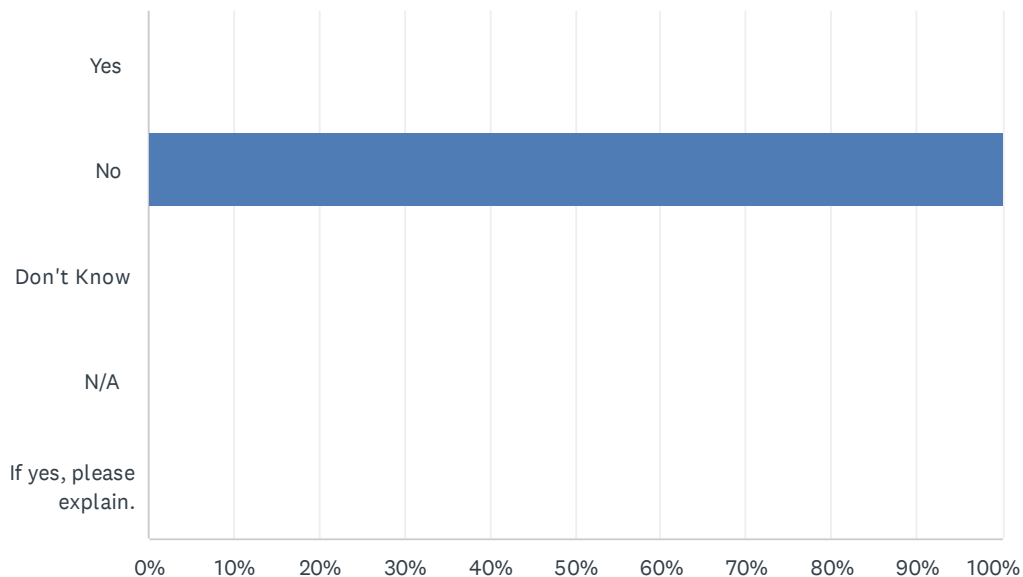
| ANSWER CHOICES         |  | RESPONSES |   |
|------------------------|--|-----------|---|
| Yes                    |  | 25.00%    | 1 |
| No                     |  | 0.00%     | 0 |
| Don't Know             |  | 75.00%    | 3 |
| N/A                    |  | 0.00%     | 0 |
| Other (please specify) |  | 0.00%     | 0 |
| TOTAL                  |  |           | 4 |

| # | OTHER (PLEASE SPECIFY)  | DATE |
|---|-------------------------|------|
|   | There are no responses. |      |



## Q21 Do you collaborate with Burlington County or any Burlington municipalities on establishing shelters?

Answered: 3 Skipped: 5

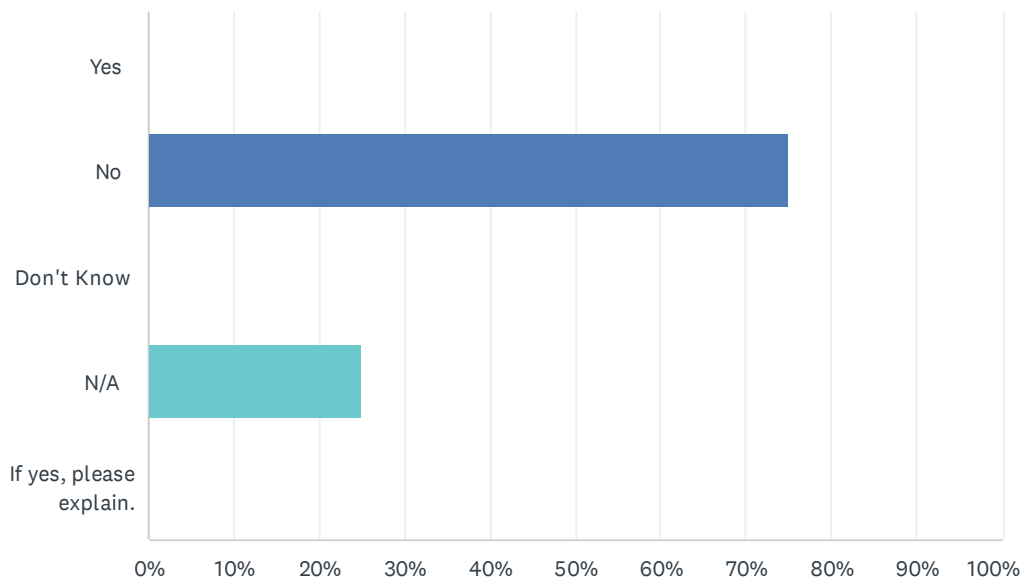


| ANSWER CHOICES          | RESPONSES |   |
|-------------------------|-----------|---|
| Yes                     | 0.00%     | 0 |
| No                      | 100.00%   | 3 |
| Don't Know              | 0.00%     | 0 |
| N/A                     | 0.00%     | 0 |
| If yes, please explain. | 0.00%     | 0 |
| TOTAL                   |           | 3 |

| # | IF YES, PLEASE EXPLAIN. | DATE |
|---|-------------------------|------|
|   | There are no responses. |      |

## Q22 Do you and Burlington County or any Burlington municipalities consult with one another before making sheltering decisions that would impact one another (recommending shelters in neighboring communities)?

Answered: 4 Skipped: 4

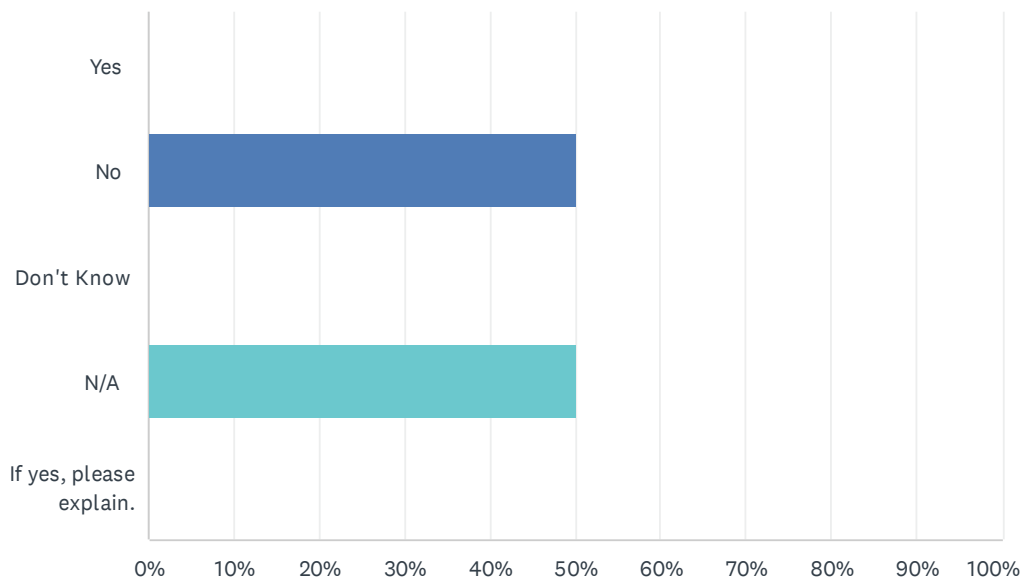


| ANSWER CHOICES          | RESPONSES |          |
|-------------------------|-----------|----------|
| Yes                     | 0.00%     | 0        |
| No                      | 75.00%    | 3        |
| Don't Know              | 0.00%     | 0        |
| N/A                     | 25.00%    | 1        |
| If yes, please explain. | 0.00%     | 0        |
| <b>TOTAL</b>            |           | <b>4</b> |

| # | IF YES, PLEASE EXPLAIN. | DATE |
|---|-------------------------|------|
|   | There are no responses. |      |

## Q23 Do you and Burlington County share any spaces suitable for temporary housing? This includes locations suitable to place temporary housing units to house residents displaced by a disaster.

Answered: 4 Skipped: 4



| ANSWER CHOICES          | RESPONSES |          |
|-------------------------|-----------|----------|
| Yes                     | 0.00%     | 0        |
| No                      | 50.00%    | 2        |
| Don't Know              | 0.00%     | 0        |
| N/A                     | 50.00%    | 2        |
| If yes, please explain. | 0.00%     | 0        |
| <b>TOTAL</b>            |           | <b>4</b> |

| # | IF YES, PLEASE EXPLAIN. | DATE |
|---|-------------------------|------|
|   | There are no responses. |      |

## Q24 Do you have any relevant questions or comments for Burlington County?

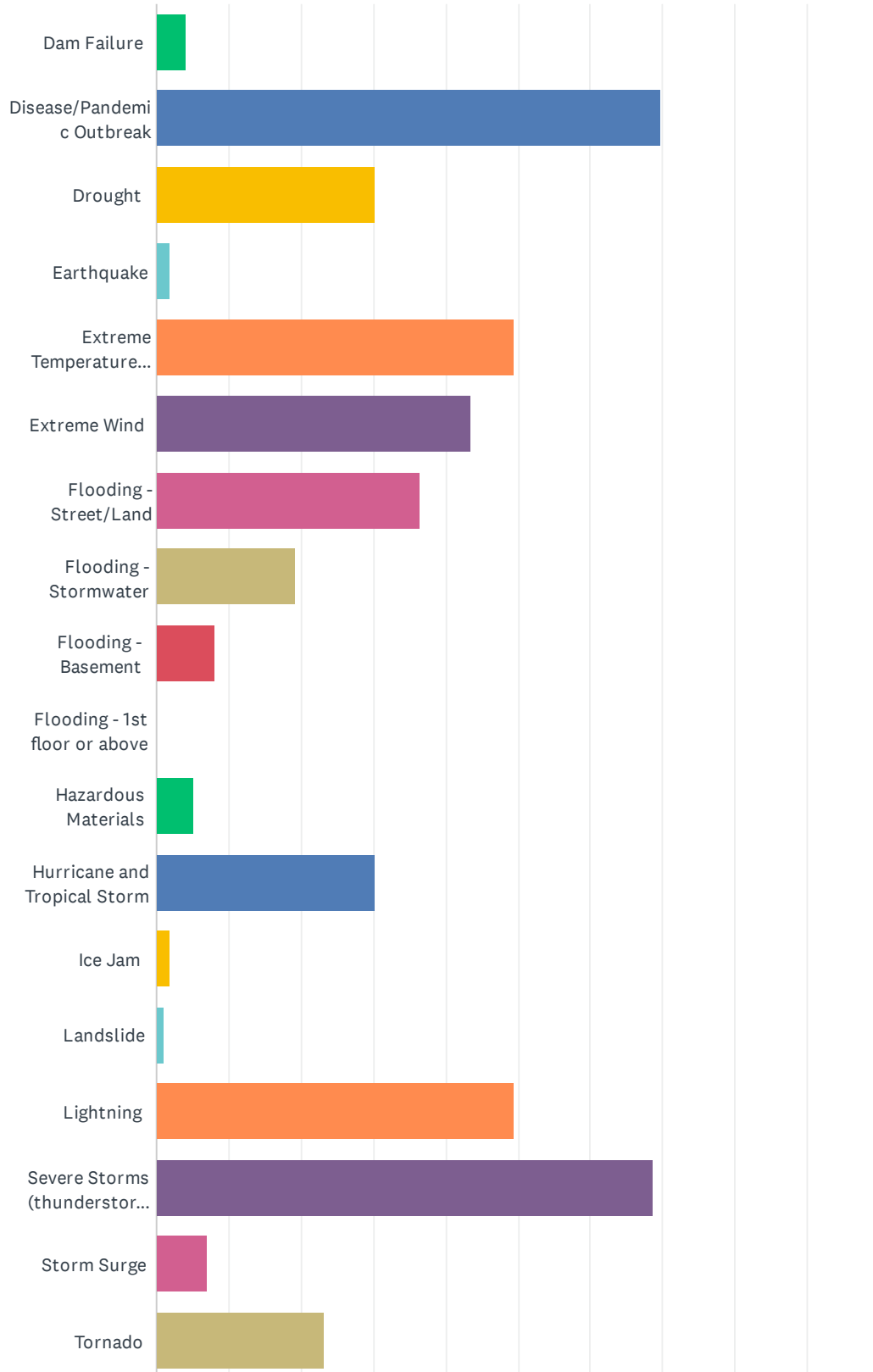
Answered: 1   Skipped: 7

| # | RESPONSES | DATE               |
|---|-----------|--------------------|
| 1 | No        | 10/13/2023 6:29 AM |

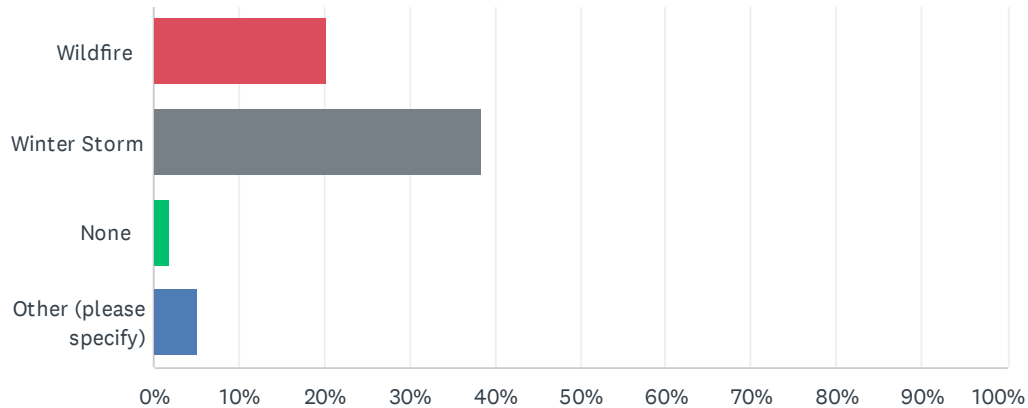


# Q1 In the last five years, which of the following hazard events have you experienced in Burlington County? Check all that apply.

Answered: 99 Skipped: 0



## Burlington County Hazard Mitigation Plan Update - Public Survey



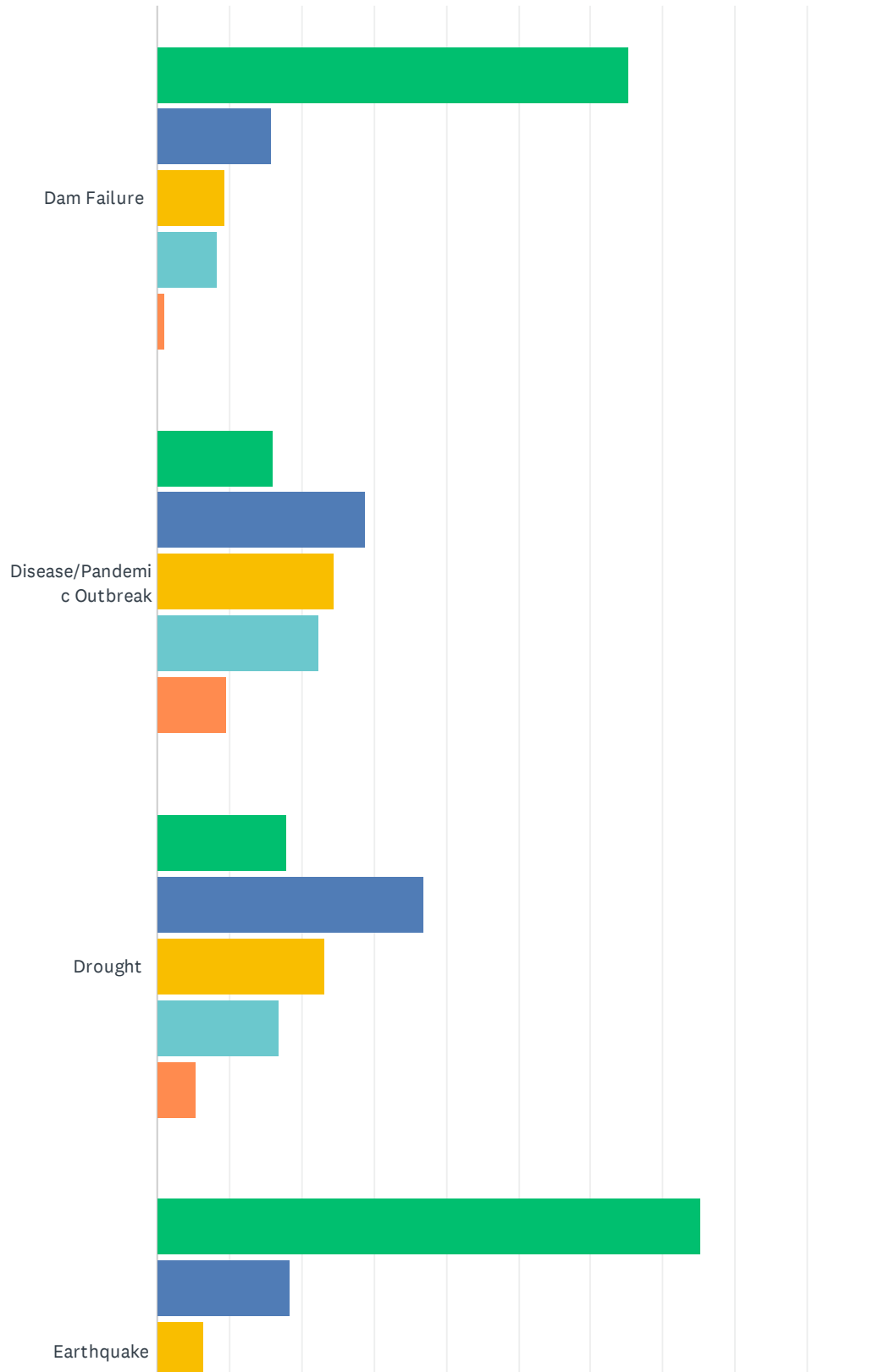
| ANSWER CHOICES                      | RESPONSES |    |
|-------------------------------------|-----------|----|
| Dam Failure                         | 4.04%     | 4  |
| Disease/Pandemic Outbreak           | 69.70%    | 69 |
| Drought                             | 30.30%    | 30 |
| Earthquake                          | 2.02%     | 2  |
| Extreme Temperature (heat and cold) | 49.49%    | 49 |
| Extreme Wind                        | 43.43%    | 43 |
| Flooding - Street/Land              | 36.36%    | 36 |
| Flooding - Stormwater               | 19.19%    | 19 |
| Flooding - Basement                 | 8.08%     | 8  |
| Flooding - 1st floor or above       | 0.00%     | 0  |
| Hazardous Materials                 | 5.05%     | 5  |
| Hurricane and Tropical Storm        | 30.30%    | 30 |
| Ice Jam                             | 2.02%     | 2  |
| Landslide                           | 1.01%     | 1  |
| Lightning                           | 49.49%    | 49 |
| Severe Storms (thunderstorm, hail)  | 68.69%    | 68 |
| Storm Surge                         | 7.07%     | 7  |
| Tornado                             | 23.23%    | 23 |
| Wildfire                            | 20.20%    | 20 |
| Winter Storm                        | 38.38%    | 38 |
| None                                | 2.02%     | 2  |
| Other (please specify)              | 5.05%     | 5  |
| Total Respondents: 99               |           |    |

## Burlington County Hazard Mitigation Plan Update - Public Survey

| # | OTHER (PLEASE SPECIFY)                                                                                                                                                                       | DATE                |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1 | Electrical power outage                                                                                                                                                                      | 2/9/2024 4:22 PM    |
| 2 | The dispatch center uses a substandard system and local fire departments have poor resources at the county level to include a training academy that is selective people with poor attitudes. | 1/13/2024 9:14 PM   |
| 3 | one street in or out was blocked                                                                                                                                                             | 10/22/2023 2:28 PM  |
| 4 | Bridge out on Camden Ave. Moorestown due to instability and deterioration                                                                                                                    | 10/21/2023 11:02 PM |
| 5 | Young inexperienced bicyclists thwarting motor traffic on major roadways..                                                                                                                   | 10/17/2023 1:41 PM  |

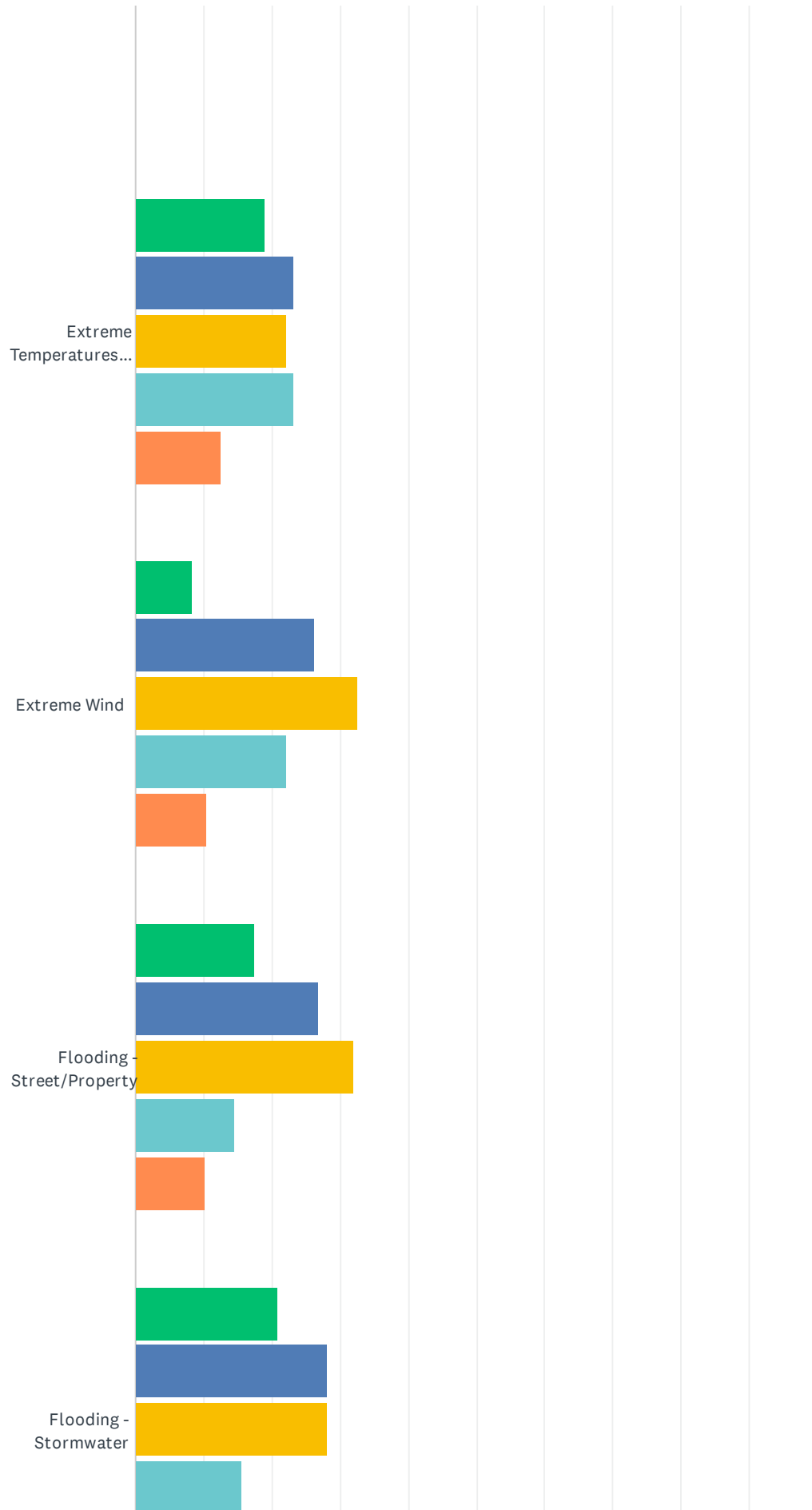
## Q2 How concerned are you about the following hazards in Burlington County? Please check one for each hazard.

Answered: 97 Skipped: 2

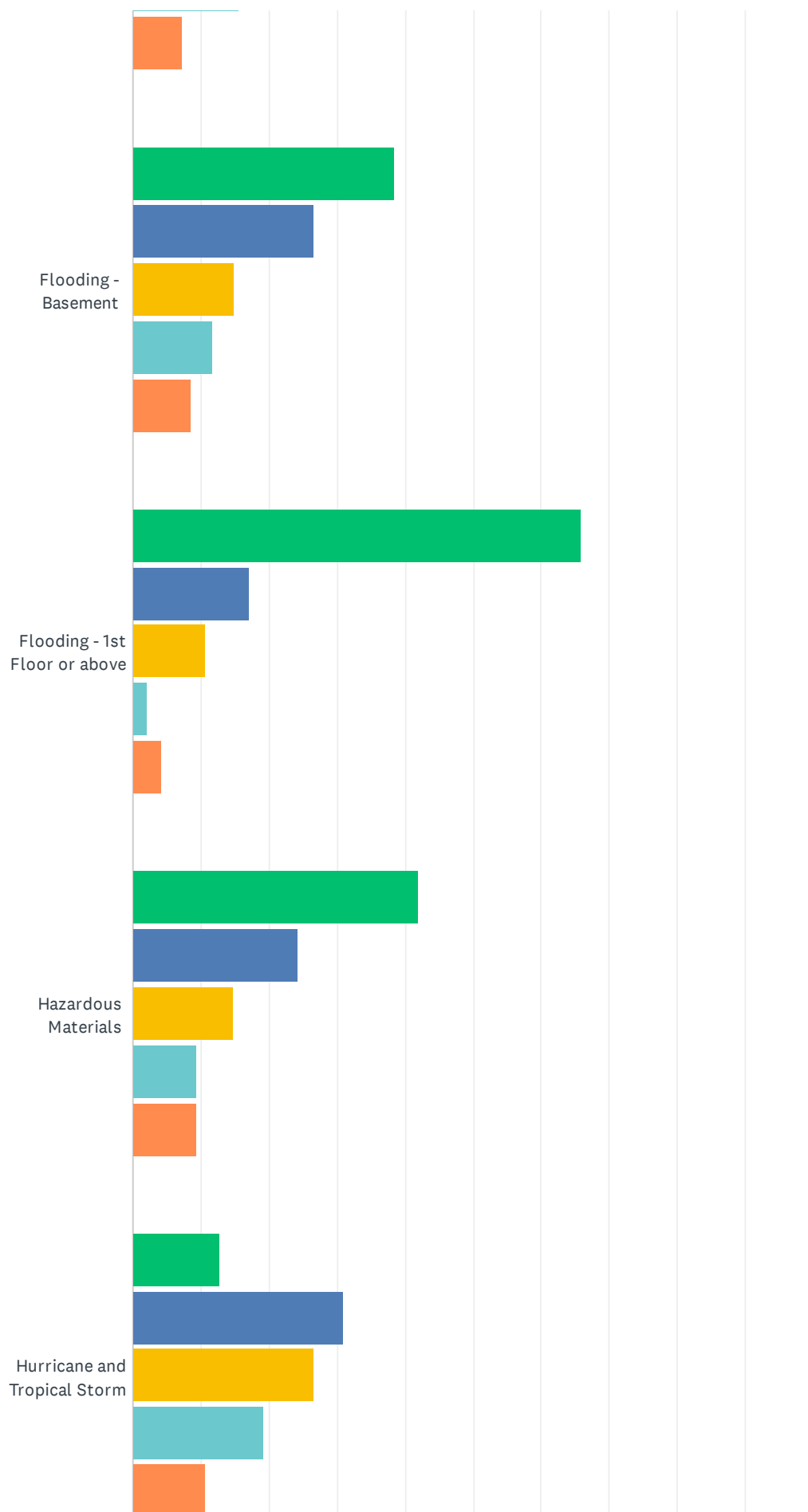




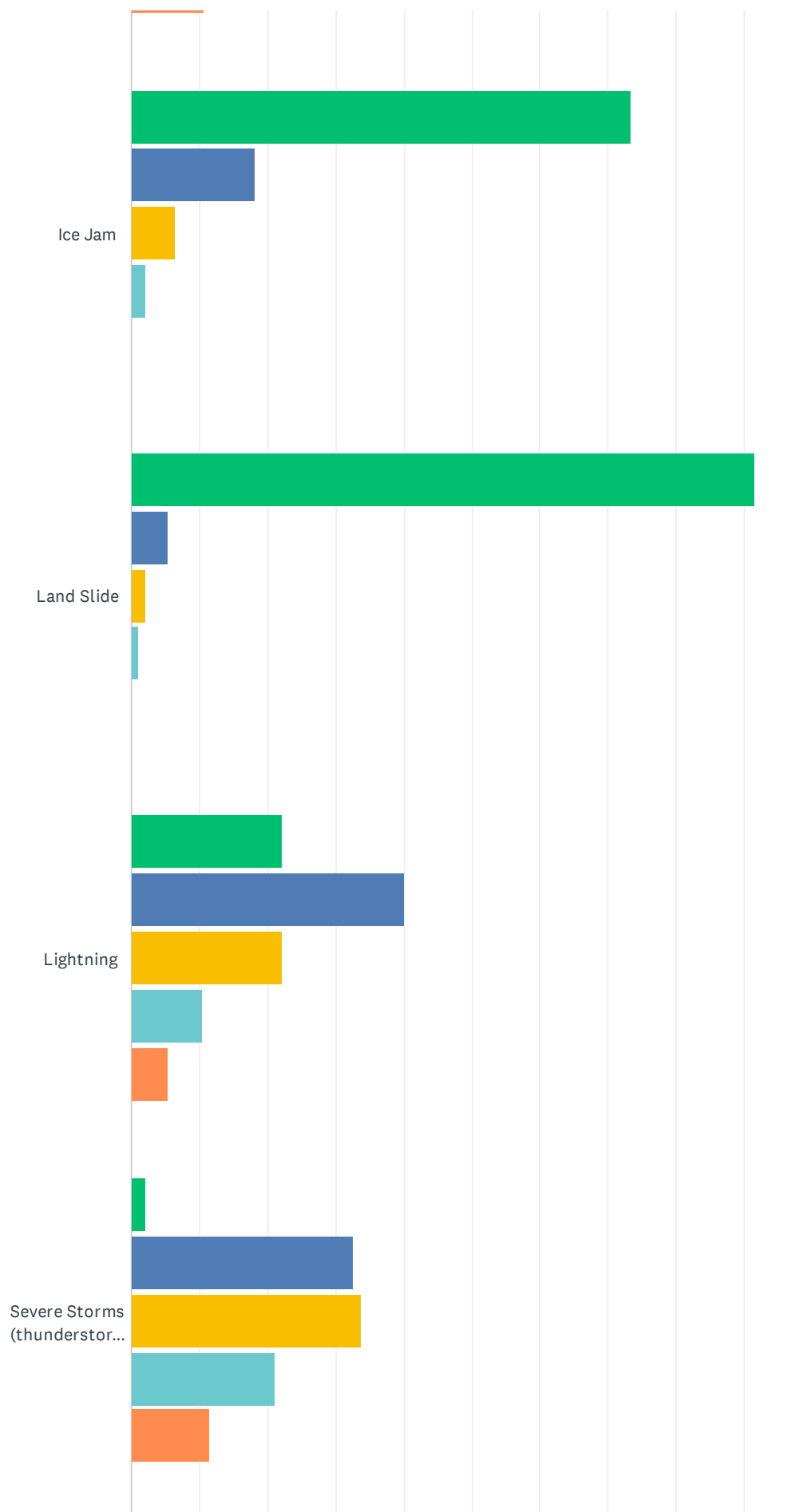
# Burlington County Hazard Mitigation Plan Update - Public Survey



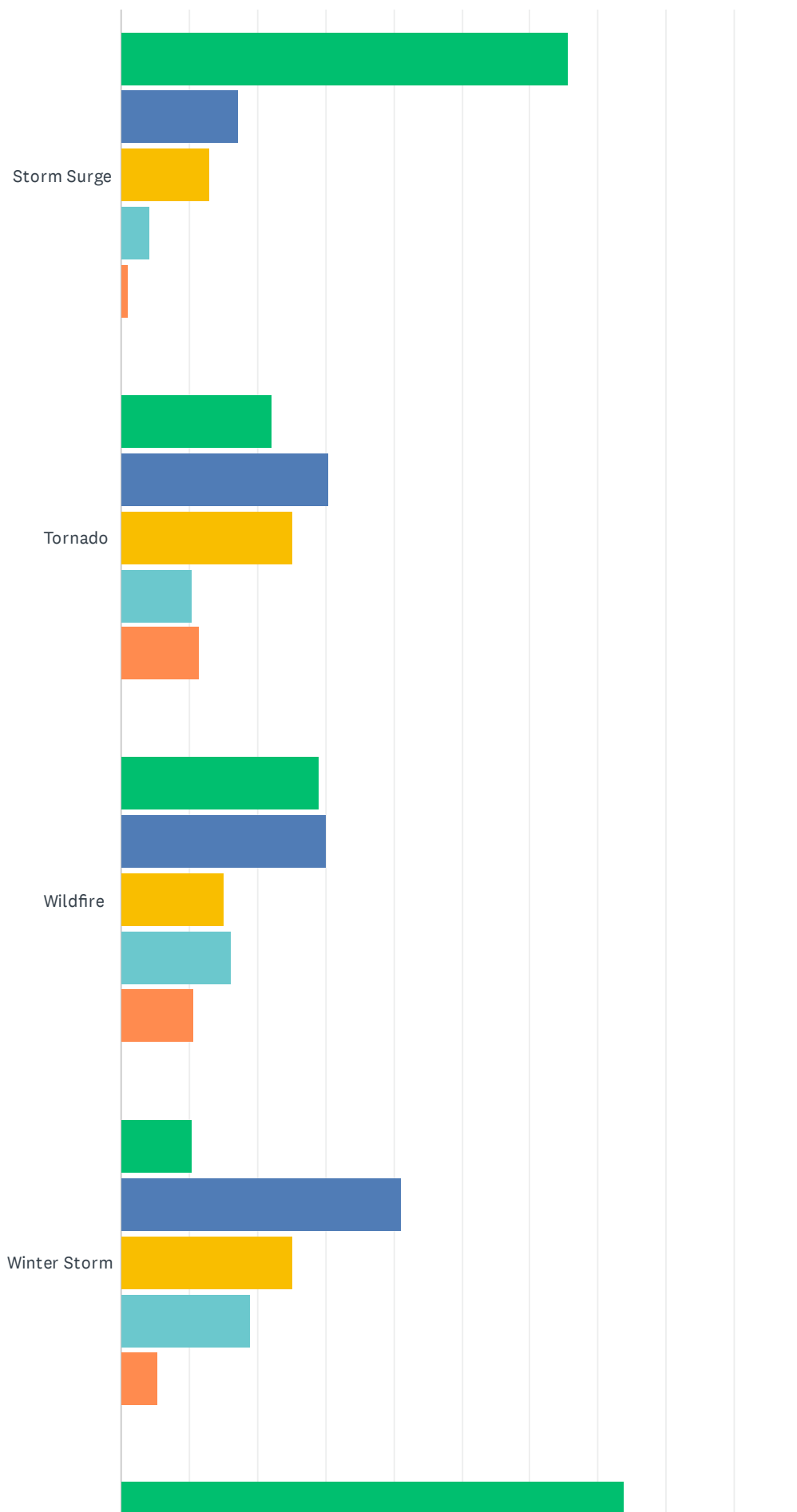
# Burlington County Hazard Mitigation Plan Update - Public Survey



# Burlington County Hazard Mitigation Plan Update - Public Survey

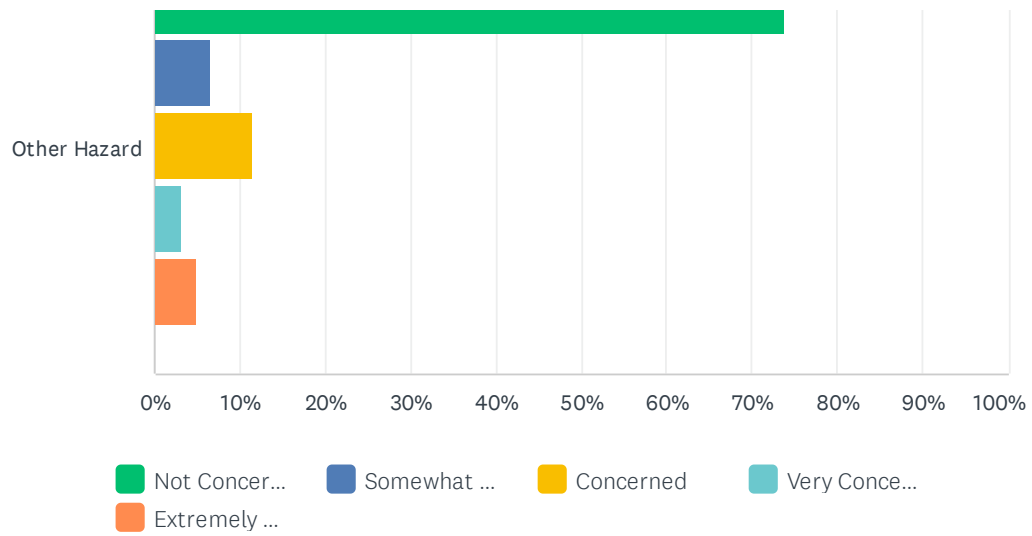


# Burlington County Hazard Mitigation Plan Update - Public Survey





## Burlington County Hazard Mitigation Plan Update - Public Survey



# Burlington County Hazard Mitigation Plan Update - Public Survey

|                                      | NOT CONCERNED | SOMEWHAT CONCERNED | CONCERNED    | VERY CONCERNED | EXTREMELY CONCERNED | TOTAL RESPONDENTS |
|--------------------------------------|---------------|--------------------|--------------|----------------|---------------------|-------------------|
| Dam Failure                          | 65.26%<br>62  | 15.79%<br>15       | 9.47%<br>9   | 8.42%<br>8     | 1.05%<br>1          | 95                |
| Disease/Pandemic Outbreak            | 15.96%<br>15  | 28.72%<br>27       | 24.47%<br>23 | 22.34%<br>21   | 9.57%<br>9          | 94                |
| Drought                              | 17.89%<br>17  | 36.84%<br>35       | 23.16%<br>22 | 16.84%<br>16   | 5.26%<br>5          | 95                |
| Earthquake                           | 75.27%<br>70  | 18.28%<br>17       | 6.45%<br>6   | 0.00%<br>0     | 0.00%<br>0          | 93                |
| Extreme Temperatures (heat and cold) | 18.95%<br>18  | 23.16%<br>22       | 22.11%<br>21 | 23.16%<br>22   | 12.63%<br>12        | 95                |
| Extreme Wind                         | 8.42%<br>8    | 26.32%<br>25       | 32.63%<br>31 | 22.11%<br>21   | 10.53%<br>10        | 95                |
| Flooding - Street/Property           | 17.53%<br>17  | 26.80%<br>26       | 31.96%<br>31 | 14.43%<br>14   | 10.31%<br>10        | 97                |
| Flooding - Stormwater                | 20.83%<br>20  | 28.13%<br>27       | 28.13%<br>27 | 15.63%<br>15   | 7.29%<br>7          | 96                |
| Flooding - Basement                  | 38.30%<br>36  | 26.60%<br>25       | 14.89%<br>14 | 11.70%<br>11   | 8.51%<br>8          | 94                |
| Flooding - 1st Floor or above        | 65.96%<br>62  | 17.02%<br>16       | 10.64%<br>10 | 2.13%<br>2     | 4.26%<br>4          | 94                |
| Hazardous Materials                  | 42.11%<br>40  | 24.21%<br>23       | 14.74%<br>14 | 9.47%<br>9     | 9.47%<br>9          | 95                |
| Hurricane and Tropical Storm         | 12.77%<br>12  | 30.85%<br>29       | 26.60%<br>25 | 19.15%<br>18   | 10.64%<br>10        | 94                |
| Ice Jam                              | 73.40%<br>69  | 18.09%<br>17       | 6.38%<br>6   | 2.13%<br>2     | 0.00%<br>0          | 94                |
| Land Slide                           | 91.49%<br>86  | 5.32%<br>5         | 2.13%<br>2   | 1.06%<br>1     | 0.00%<br>0          | 94                |
| Lightning                            | 22.11%<br>21  | 40.00%<br>38       | 22.11%<br>21 | 10.53%<br>10   | 5.26%<br>5          | 95                |
| Severe Storms (thunderstorms, hail)  | 2.11%<br>2    | 32.63%<br>31       | 33.68%<br>32 | 21.05%<br>20   | 11.58%<br>11        | 95                |
| Storm Surge                          | 65.59%<br>61  | 17.20%<br>16       | 12.90%<br>12 | 4.30%<br>4     | 1.08%<br>1          | 93                |
| Tornado                              | 22.11%<br>21  | 30.53%<br>29       | 25.26%<br>24 | 10.53%<br>10   | 11.58%<br>11        | 95                |
| Wildfire                             | 29.03%<br>27  | 30.11%<br>28       | 15.05%<br>14 | 16.13%<br>15   | 10.75%<br>10        | 93                |
| Winter Storm                         | 10.53%<br>10  | 41.05%<br>39       | 25.26%<br>24 | 18.95%<br>18   | 5.26%<br>5          | 95                |
| Other Hazard                         | 73.77%<br>45  | 6.56%<br>4         | 11.48%<br>7  | 3.28%<br>2     | 4.92%<br>3          | 61                |

| # | OTHER (PLEASE SPECIFY)                                                                   | DATE              |
|---|------------------------------------------------------------------------------------------|-------------------|
| 1 | Rupture of old flammable fluid lines alongside the Turnpike.                             | 2/9/2024 4:22 PM  |
| 2 | The emerg management is poor and relies on volunteers and aging individuals to work. The | 1/13/2024 9:14 PM |

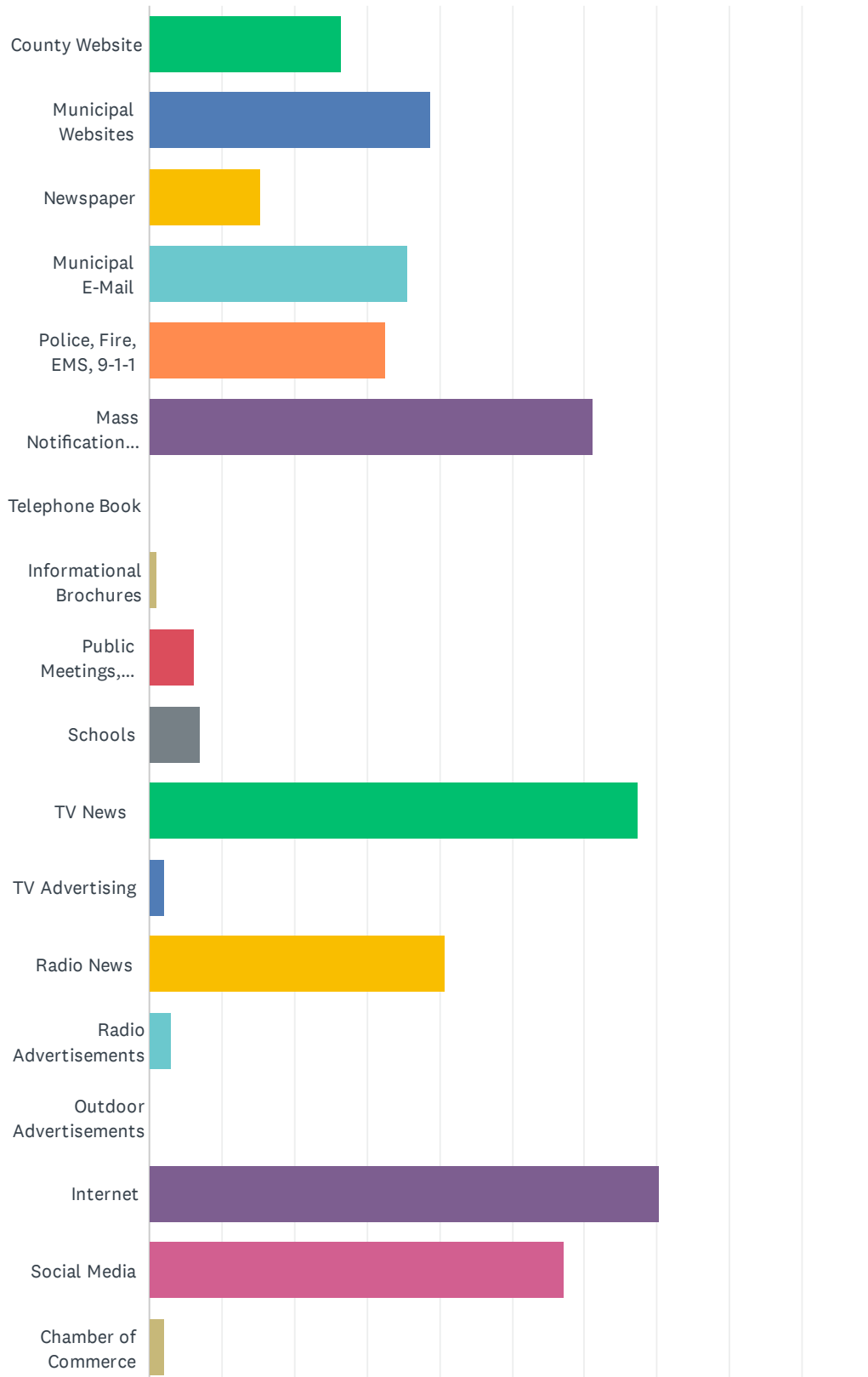
## Burlington County Hazard Mitigation Plan Update - Public Survey

Dispatch center is ran on a internet based service with no paper back ups that often "Goes Down".

|   |                                                                                   |                     |
|---|-----------------------------------------------------------------------------------|---------------------|
| 3 | intentional sabotage of power stations                                            | 11/9/2023 7:49 PM   |
| 4 | Invasive Insects                                                                  | 10/28/2023 9:13 AM  |
| 5 | Chemicals in our drinking water                                                   | 10/24/2023 6:18 PM  |
| 6 | Impacts of these storms (fallen trees on homes and roads, mold from excess water) | 10/18/2023 11:46 AM |
| 7 | smoke, other air pollution                                                        | 10/17/2023 2:16 PM  |
| 8 | none                                                                              | 10/17/2023 1:41 PM  |
| 9 | Failure of electrical grid and pollution from, for example wildfires              | 10/16/2023 7:34 PM  |

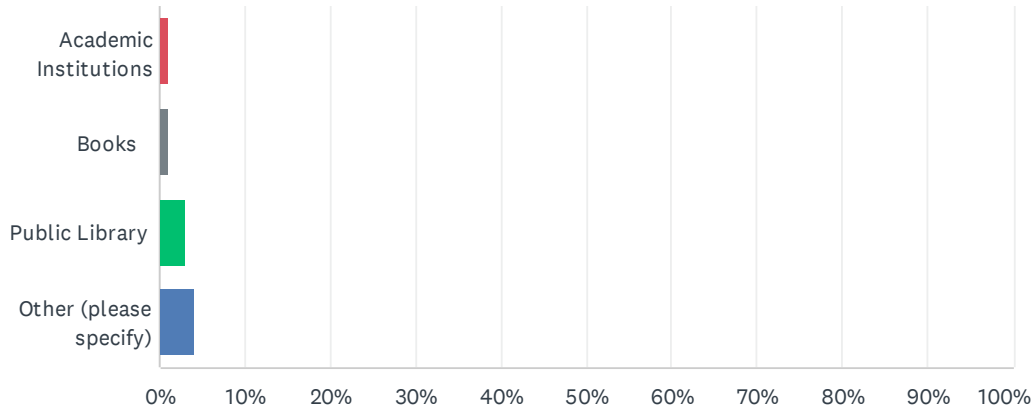
### Q3 How do you receive your information concerning a disaster? Check all that apply.

Answered: 98 Skipped: 1





## Burlington County Hazard Mitigation Plan Update - Public Survey



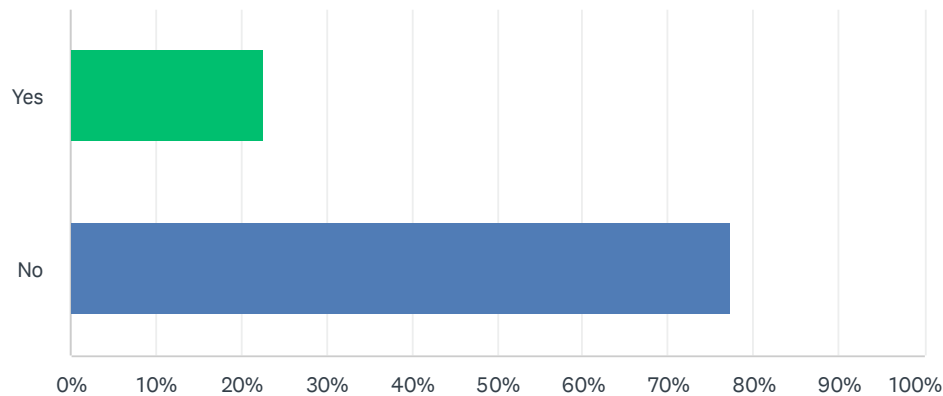
| ANSWER CHOICES                                      | RESPONSES |    |
|-----------------------------------------------------|-----------|----|
| County Website                                      | 26.53%    | 26 |
| Municipal Websites                                  | 38.78%    | 38 |
| Newspaper                                           | 15.31%    | 15 |
| Municipal E-Mail                                    | 35.71%    | 35 |
| Police, Fire, EMS, 9-1-1                            | 32.65%    | 32 |
| Mass Notification System (e.g., NY Alert)           | 61.22%    | 60 |
| Telephone Book                                      | 0.00%     | 0  |
| Informational Brochures                             | 1.02%     | 1  |
| Public Meetings, Workshops, Public Awareness Events | 6.12%     | 6  |
| Schools                                             | 7.14%     | 7  |
| TV News                                             | 67.35%    | 66 |
| TV Advertising                                      | 2.04%     | 2  |
| Radio News                                          | 40.82%    | 40 |
| Radio Advertisements                                | 3.06%     | 3  |
| Outdoor Advertisements                              | 0.00%     | 0  |
| Internet                                            | 70.41%    | 69 |
| Social Media                                        | 57.14%    | 56 |
| Chamber of Commerce                                 | 2.04%     | 2  |
| Academic Institutions                               | 1.02%     | 1  |
| Books                                               | 1.02%     | 1  |
| Public Library                                      | 3.06%     | 3  |
| Other (please specify)                              | 4.08%     | 4  |
| Total Respondents: 98                               |           |    |

# Burlington County Hazard Mitigation Plan Update - Public Survey

| # | OTHER (PLEASE SPECIFY)                                                   | DATE                |
|---|--------------------------------------------------------------------------|---------------------|
| 1 | recorded reverse 911 calls, Nixel texts                                  | 11/9/2023 7:49 PM   |
| 2 | Look out the window                                                      | 10/31/2023 8:01 AM  |
| 3 | County text                                                              | 10/21/2023 4:48 PM  |
| 4 | Text messaging & a weather radio have been very helpful in the last year | 10/18/2023 11:46 AM |

**Q4 In the past, has your home been damaged by a hazard event (i.e., flood waters entering the first floor of your home or pipes freezing during periods of cold temperatures).**

Answered: 97 Skipped: 2



| ANSWER CHOICES | RESPONSES |
|----------------|-----------|
| Yes            | 22.68% 22 |
| No             | 77.32% 75 |
| TOTAL          | 97        |

| #  | PLEASE EXPLAIN THE TYPE OF DAMAGE SUSTAINED AND WHEN IT OCCURRED.                                                    | DATE               |
|----|----------------------------------------------------------------------------------------------------------------------|--------------------|
| 1  | lost shingles on roof                                                                                                | 2/5/2024 10:00 AM  |
| 2  | wind.                                                                                                                | 1/13/2024 9:14 PM  |
| 3  | Our property was under water during a flood in 2019, but there was no damage to our home.                            | 11/20/2023 9:27 PM |
| 4  | Rainwater leaking into interior rooms from windows during heavy storms - several occasions over last decade          | 11/10/2023 4:19 PM |
| 5  | Many of my neighbors have been affected though                                                                       | 11/10/2023 4:57 AM |
| 6  | Storms and straight-line winds have knocked down many trees, some of which have fallen on the house and power lines. | 11/9/2023 7:49 PM  |
| 7  | Damaged roof from windstorm                                                                                          | 11/9/2023 12:22 PM |
| 8  | During a tropical storm, a tree was fell onto our house, damaging the roof and siding.                               | 11/2/2023 11:16 PM |
| 9  | Basement flood                                                                                                       | 11/1/2023 11:37 PM |
| 10 | Water damage- hurricane                                                                                              | 11/1/2023 9:39 PM  |
| 11 | Pipes frozen due to cold temperatures, basement can take on water from storms                                        | 11/1/2023 11:28 AM |
| 12 | Fallen trees from high winds, storms.                                                                                | 10/31/2023 8:01 AM |
| 13 | Fence blown over Hail damage to pergola roof                                                                         | 10/29/2023 8:32 AM |
| 14 | Wind storm damage and hail damage                                                                                    | 10/24/2023 5:47 PM |
| 15 | Power outages                                                                                                        | 10/23/2023 7:09 PM |

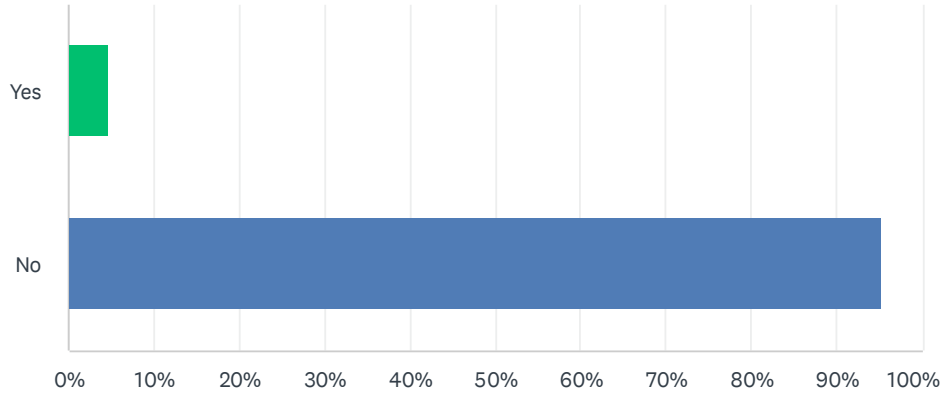
## Burlington County Hazard Mitigation Plan Update - Public Survey

|    |                                                                                                                                                                                                                                                                                                                                                                                   |                     |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 16 | Hail damaged the roof and siding. Trees fell down                                                                                                                                                                                                                                                                                                                                 | 10/21/2023 4:48 PM  |
| 17 | Tree fell on house during storm                                                                                                                                                                                                                                                                                                                                                   | 10/19/2023 10:27 AM |
| 18 | My newer townhome in Mound Laurel sustained a foundation crack as a result of the small earthquake we had in SJ in 2011. It was vertical & flooded my basement. A microburst in June of 2020 tore much of my roofing shingles off in Mount Laurel. Mine and my neighbors. It was not declared a tornado but there was definitely a path of destruction through nearby open space. | 10/18/2023 11:46 AM |
| 19 | Flood in crawl space and partial first floor from thunderstorm with flash flooding.                                                                                                                                                                                                                                                                                               | 10/17/2023 5:06 PM  |
| 20 | tree/house damage from wind; frozen pipes from extreme cold                                                                                                                                                                                                                                                                                                                       | 10/17/2023 2:16 PM  |
| 21 | Severe storm and hail                                                                                                                                                                                                                                                                                                                                                             | 10/17/2023 10:23 AM |
| 22 | Various times and damage to various homes.                                                                                                                                                                                                                                                                                                                                        | 10/16/2023 10:37 PM |
| 23 | Loss of power for extended period (> 24 hours) due to severe storm in summer; Partial loss of perishable foods.                                                                                                                                                                                                                                                                   | 10/16/2023 10:09 PM |
| 24 | Pipes burst in January 2012 due to polar vortex cold                                                                                                                                                                                                                                                                                                                              | 10/16/2023 6:24 PM  |



## Q5 If you answered 'yes' above, did you report the damages to your local police or fire departments or to an emergency management agency?

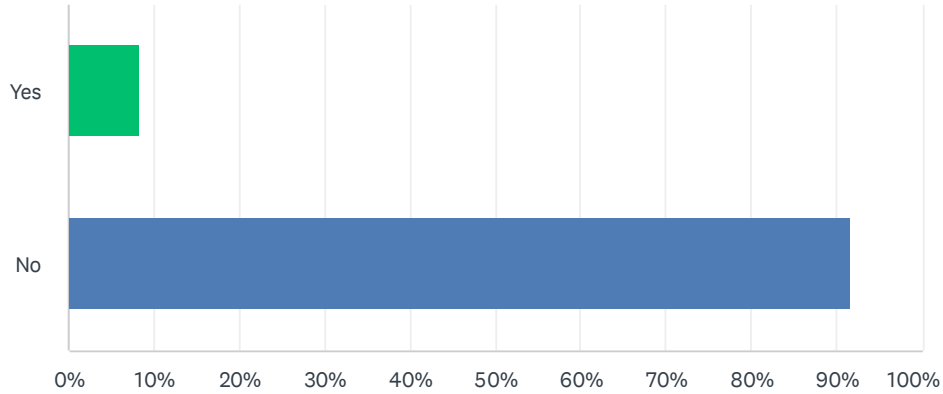
Answered: 64 Skipped: 35



| ANSWER CHOICES | RESPONSES |    |
|----------------|-----------|----|
| Yes            | 4.69%     | 3  |
| No             | 95.31%    | 61 |
| TOTAL          |           | 64 |

## Q6 To the best of your knowledge, is your property located in a designated floodplain? If you do not know, click here to find out.

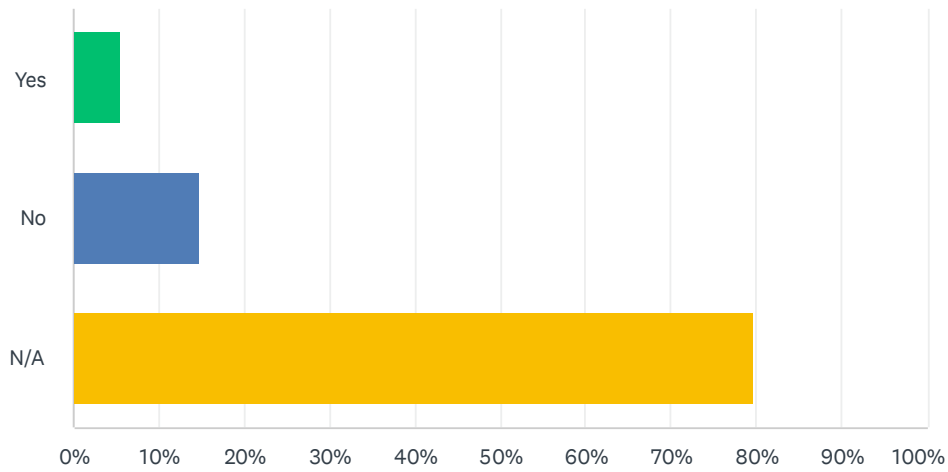
Answered: 96 Skipped: 3



| ANSWER CHOICES | RESPONSES |    |
|----------------|-----------|----|
| Yes            | 8.33%     | 8  |
| No             | 91.67%    | 88 |
| TOTAL          |           | 96 |

## Q7 If your property is in the floodplain, do you have flood insurance?

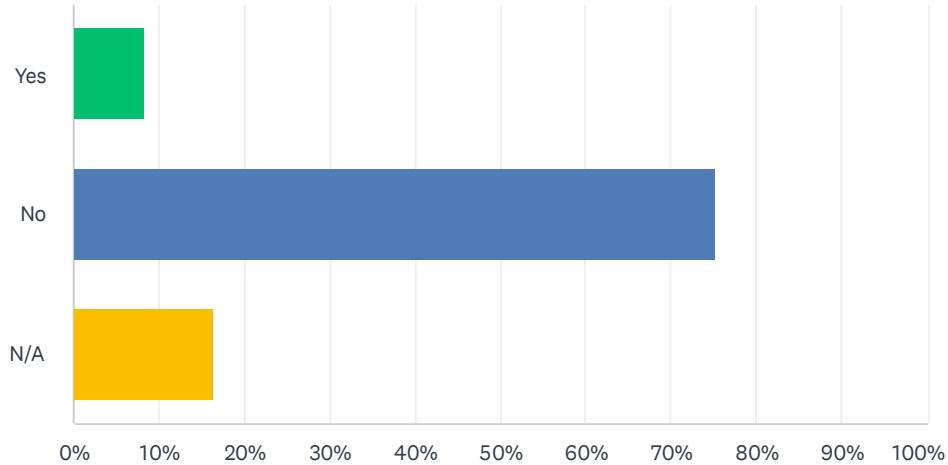
Answered: 89 Skipped: 10



| ANSWER CHOICES | RESPONSES |    |
|----------------|-----------|----|
| Yes            | 5.62%     | 5  |
| No             | 14.61%    | 13 |
| N/A            | 79.78%    | 71 |
| TOTAL          |           | 89 |

## Q8 If your property is located outside of the floodplain, do you have flood insurance?

Answered: 97 Skipped: 2

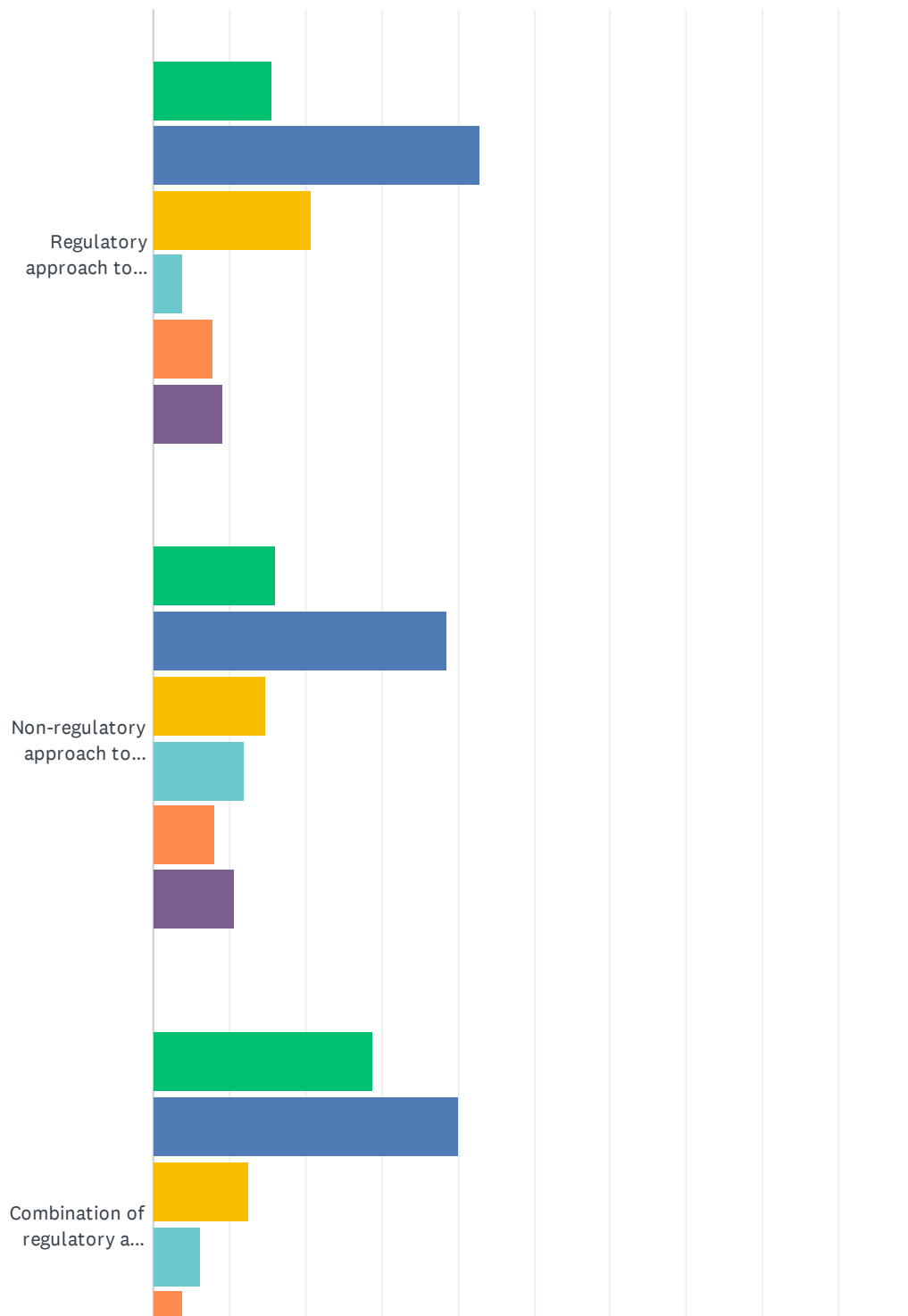


| ANSWER CHOICES | RESPONSES |    |
|----------------|-----------|----|
| Yes            | 8.25%     | 8  |
| No             | 75.26%    | 73 |
| N/A            | 16.49%    | 16 |
| TOTAL          |           | 97 |

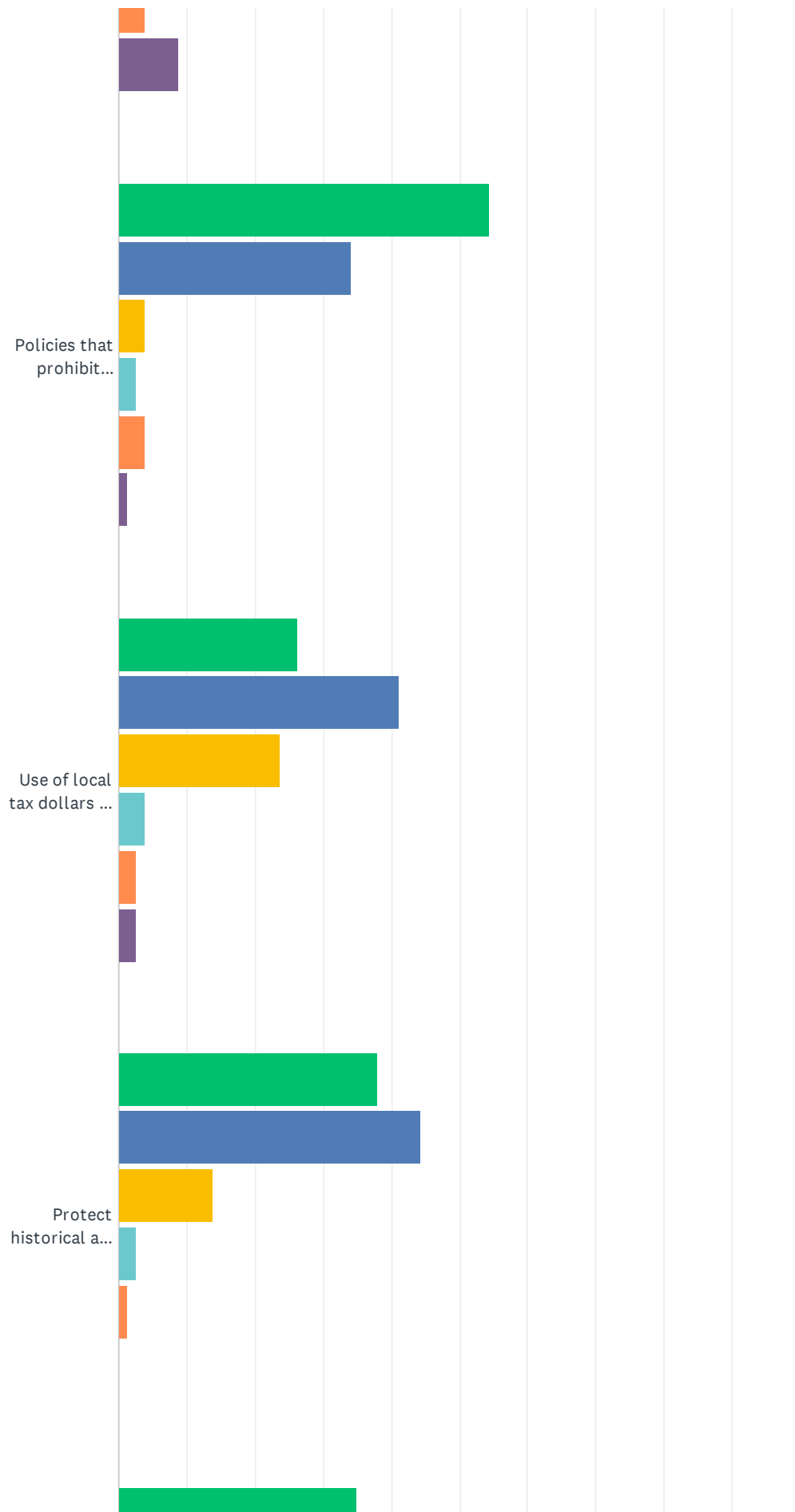


Q9 A number of activities can reduce your community's risk from natural hazards. These activities can be both regulatory and non-regulatory. Please check the box that best represents your opinion on the following strategies to reduce the risk and loss associated with natural hazards in Burlington County.

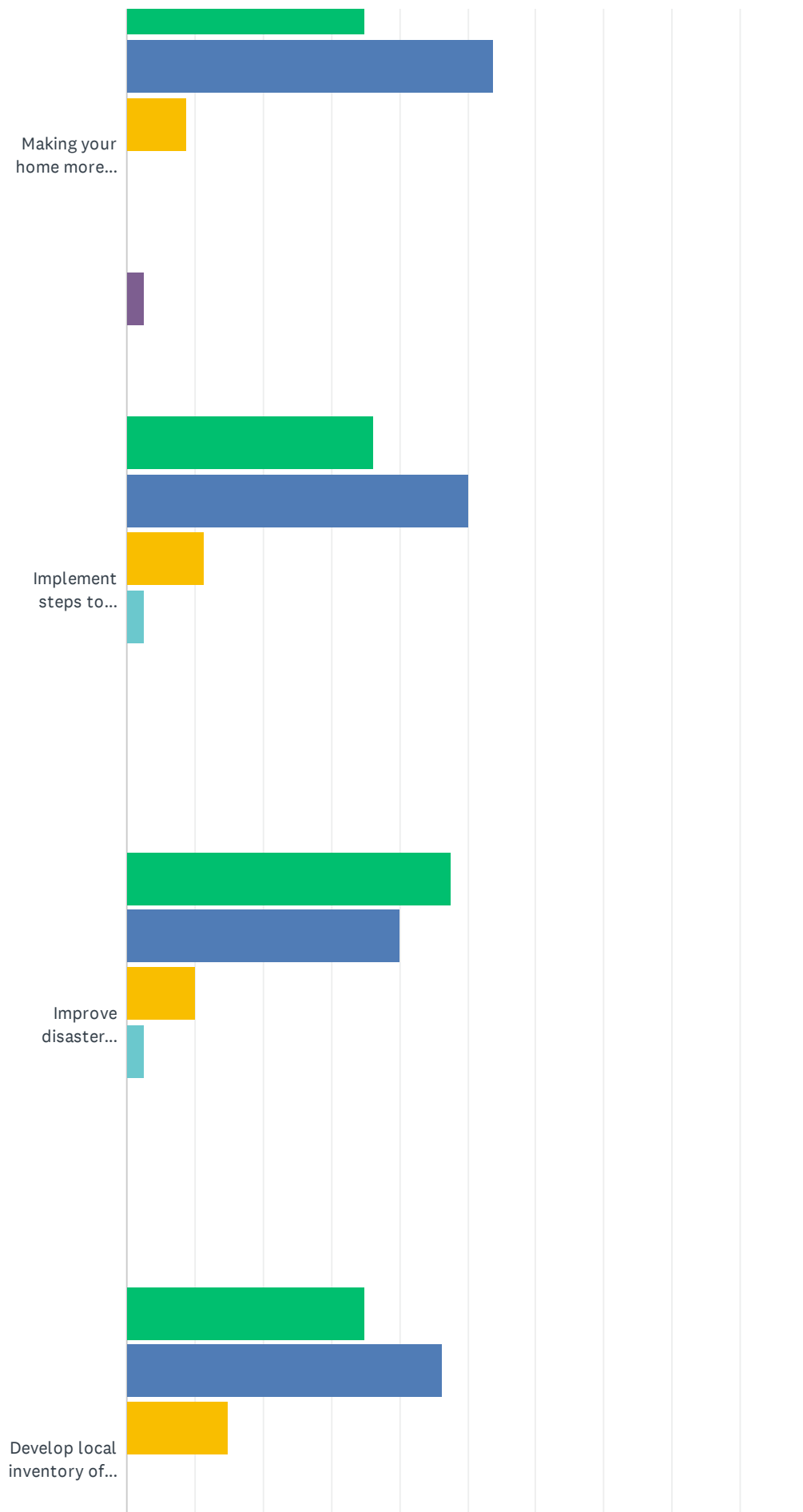
Answered: 80 Skipped: 19



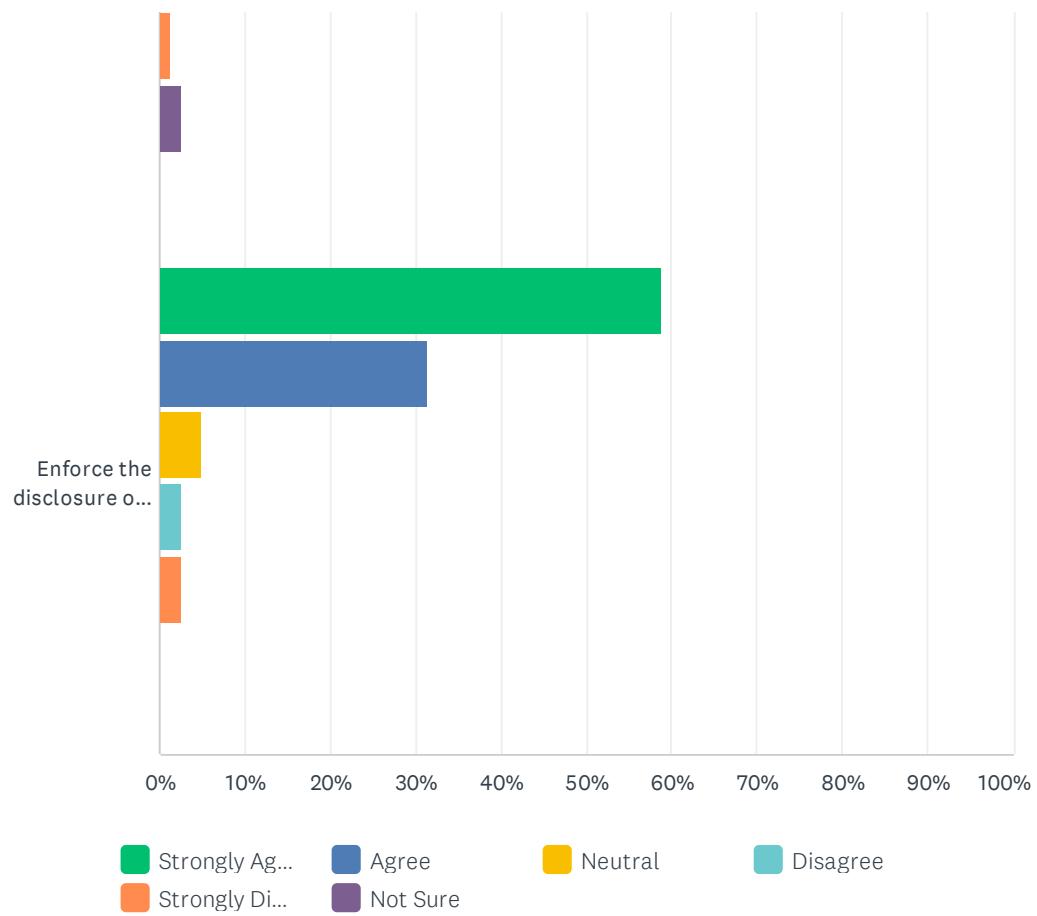
# Burlington County Hazard Mitigation Plan Update - Public Survey



# Burlington County Hazard Mitigation Plan Update - Public Survey



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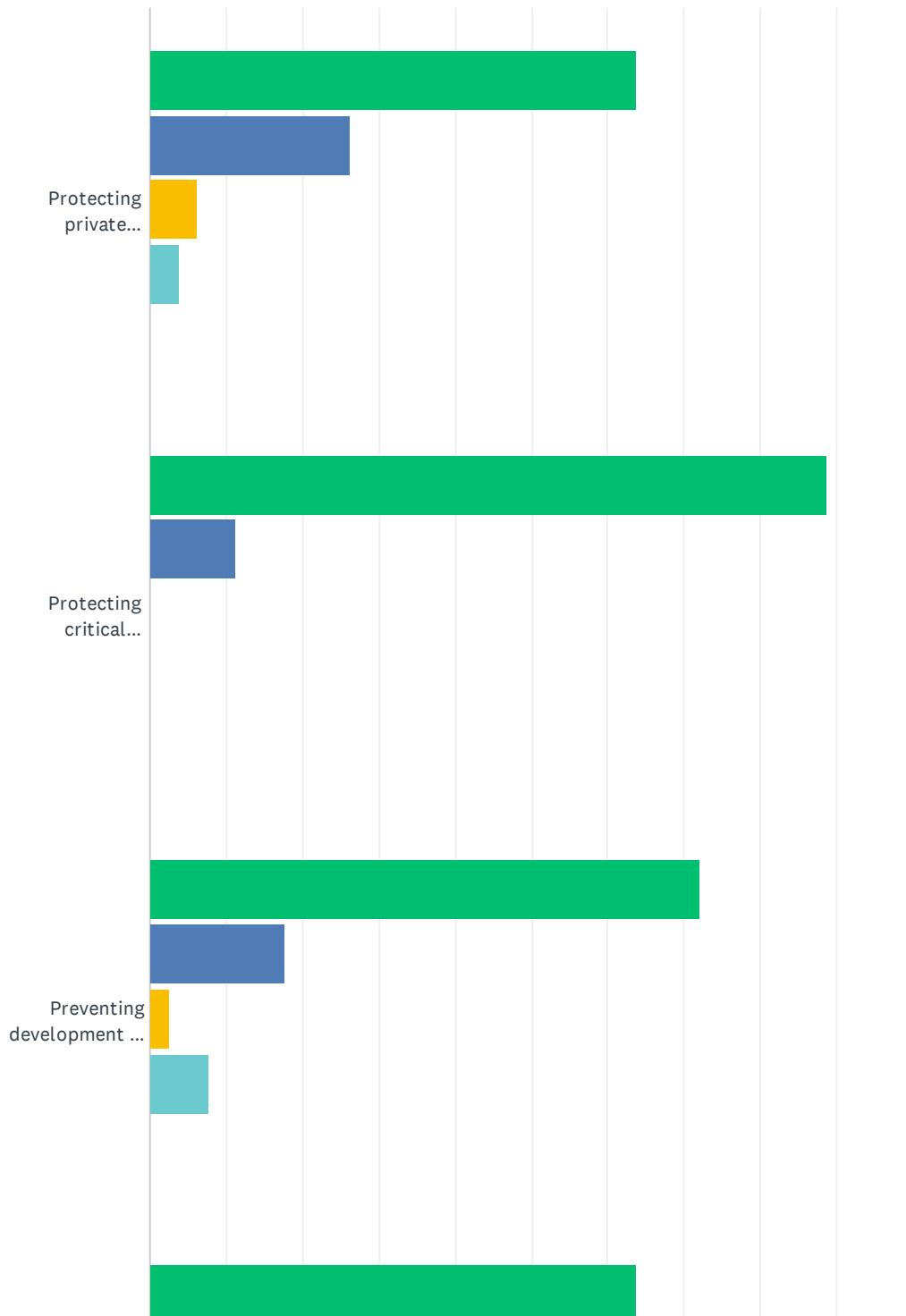
# Burlington County Hazard Mitigation Plan Update - Public Survey

|                                                                                | STRONGLY AGREE | AGREE        | NEUTRAL      | DISAGREE    | STRONGLY DISAGREE | NOT SURE    | TOTAL |
|--------------------------------------------------------------------------------|----------------|--------------|--------------|-------------|-------------------|-------------|-------|
| Regulatory approach to reducing risk                                           | 15.58%<br>12   | 42.86%<br>33 | 20.78%<br>16 | 3.90%<br>3  | 7.79%<br>6        | 9.09%<br>7  | 77    |
| Non-regulatory approach to reducing risk                                       | 16.00%<br>12   | 38.67%<br>29 | 14.67%<br>11 | 12.00%<br>9 | 8.00%<br>6        | 10.67%<br>8 | 75    |
| Combination of regulatory and non-regulatory approaches to reducing risk       | 28.75%<br>23   | 40.00%<br>32 | 12.50%<br>10 | 6.25%<br>5  | 3.75%<br>3        | 8.75%<br>7  | 80    |
| Policies that prohibit development in areas subject to natural hazards         | 54.43%<br>43   | 34.18%<br>27 | 3.80%<br>3   | 2.53%<br>2  | 3.80%<br>3        | 1.27%<br>1  | 79    |
| Use of local tax dollars to reduce risks and losses from natural hazards       | 26.25%<br>21   | 41.25%<br>33 | 23.75%<br>19 | 3.75%<br>3  | 2.50%<br>2        | 2.50%<br>2  | 80    |
| Protect historical and cultural assets                                         | 37.97%<br>30   | 44.30%<br>35 | 13.92%<br>11 | 2.53%<br>2  | 1.27%<br>1        | 0.00%<br>0  | 79    |
| Making your home more disaster-resilient                                       | 35.00%<br>28   | 53.75%<br>43 | 8.75%<br>7   | 0.00%<br>0  | 0.00%<br>0        | 2.50%<br>2  | 80    |
| Implement steps to safeguard the local economy following a disaster            | 36.25%<br>29   | 50.00%<br>40 | 11.25%<br>9  | 2.50%<br>2  | 0.00%<br>0        | 0.00%<br>0  | 80    |
| Improve disaster preparedness of local schools                                 | 47.50%<br>38   | 40.00%<br>32 | 10.00%<br>8  | 2.50%<br>2  | 0.00%<br>0        | 0.00%<br>0  | 80    |
| Develop local inventory of at-risk buildings and infrastructure                | 35.00%<br>28   | 46.25%<br>37 | 15.00%<br>12 | 0.00%<br>0  | 1.25%<br>1        | 2.50%<br>2  | 80    |
| Enforce the disclosure of natural hazard risks during real estate transactions | 58.75%<br>47   | 31.25%<br>25 | 5.00%<br>4   | 2.50%<br>2  | 2.50%<br>2        | 0.00%<br>0  | 80    |

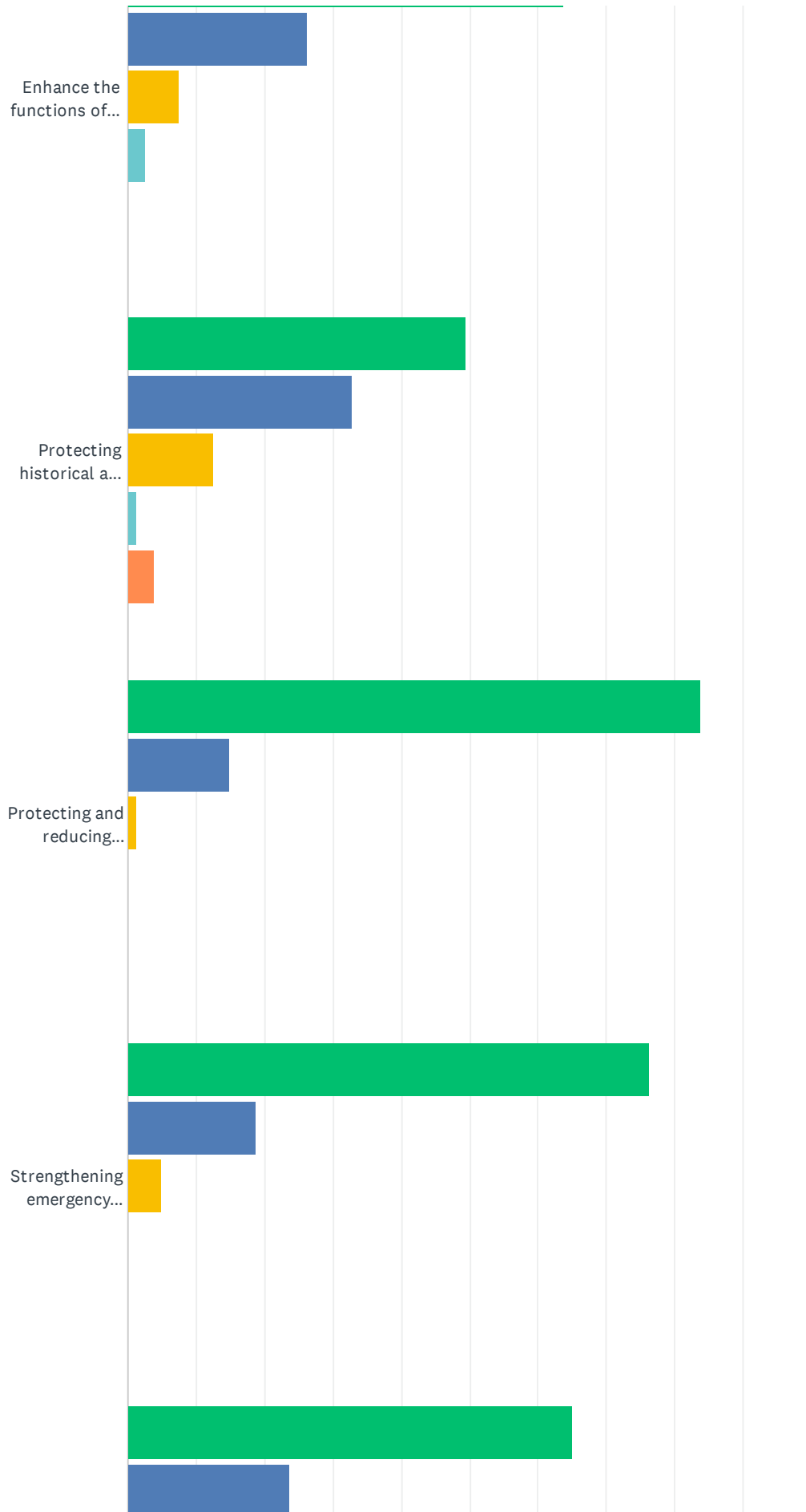
| # | OTHER (PLEASE SPECIFY)                                                                                                                                                                                                                                                                                                                                        | DATE               |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| 1 | The county refuses to share GIS information with local fire departments or even buy a monitoring software such as fleet eyes to see emergency vehicles. Regulate the Power companies on using local resources for their trouble issues such as down wires. Why should local police have to wait hours for a troubleman. Also, the county snow removal is poor | 1/13/2024 9:28 PM  |
| 2 | Not sure how to answer some because I live in an apartment complex                                                                                                                                                                                                                                                                                            | 11/9/2023 12:11 PM |

Q10 Natural hazards can have a significant impact on a community, but planning for these events can help lessen the impacts. The following statements will help us determine the priorities of our residents regarding planning for natural hazards in Burlington County. Please tell us how important each one is to you.

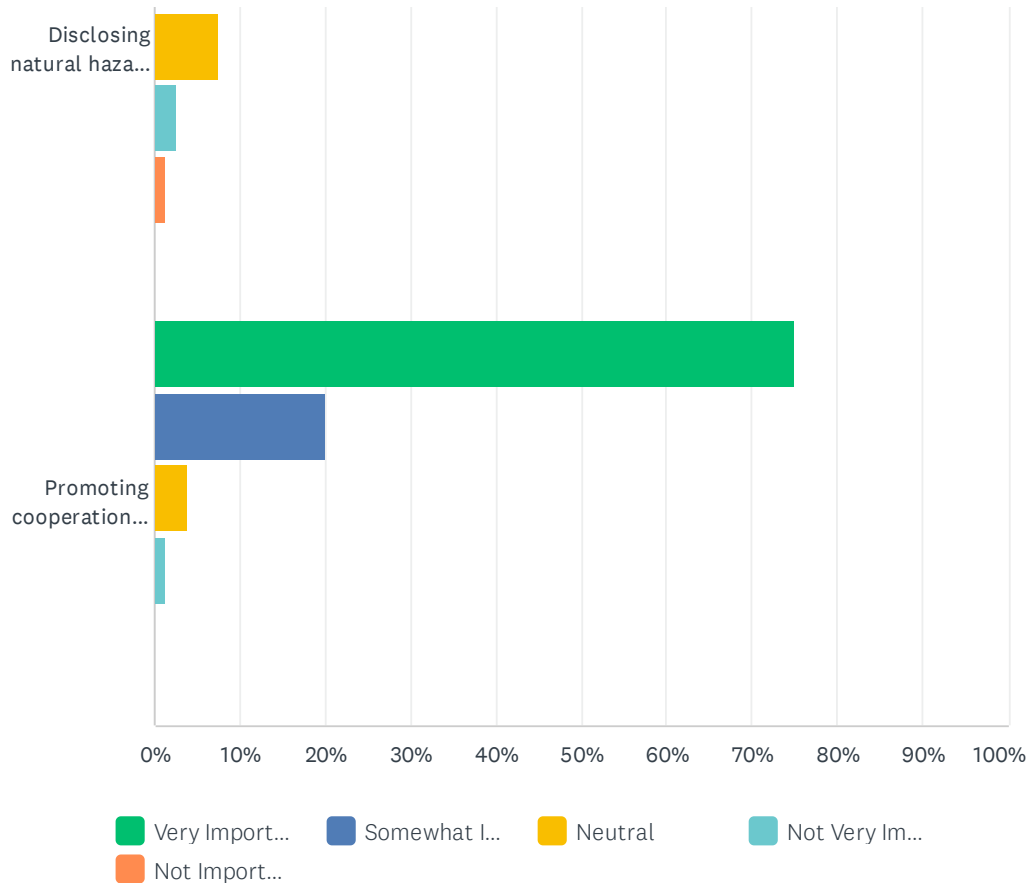
Answered: 80 Skipped: 19



# Burlington County Hazard Mitigation Plan Update - Public Survey



# Burlington County Hazard Mitigation Plan Update - Public Survey



|                                                                                                        | VERY IMPORTANT | SOMEWHAT IMPORTANT | NEUTRAL      | NOT VERY IMPORTANT | NOT IMPORTANT | TOTAL |
|--------------------------------------------------------------------------------------------------------|----------------|--------------------|--------------|--------------------|---------------|-------|
| Protecting private property                                                                            | 63.75%<br>51   | 26.25%<br>21       | 6.25%<br>5   | 3.75%<br>3         | 0.00%<br>0    | 80    |
| Protecting critical facilities and community lifelines                                                 | 88.75%<br>71   | 11.25%<br>9        | 0.00%<br>0   | 0.00%<br>0         | 0.00%<br>0    | 80    |
| Preventing development in hazard areas (e.g., restrict building in the floodplain)                     | 72.15%<br>57   | 17.72%<br>14       | 2.53%<br>2   | 7.59%<br>6         | 0.00%<br>0    | 79    |
| Enhance the functions of natural features (e.g., streams, wetlands)                                    | 63.75%<br>51   | 26.25%<br>21       | 7.50%<br>6   | 2.50%<br>2         | 0.00%<br>0    | 80    |
| Protecting historical and cultural landmarks                                                           | 49.37%<br>39   | 32.91%<br>26       | 12.66%<br>10 | 1.27%<br>1         | 3.80%<br>3    | 79    |
| Protecting and reducing damages to utilities                                                           | 83.75%<br>67   | 15.00%<br>12       | 1.25%<br>1   | 0.00%<br>0         | 0.00%<br>0    | 80    |
| Strengthening emergency services (e.g., police, fire, EMS)                                             | 76.25%<br>61   | 18.75%<br>15       | 5.00%<br>4   | 0.00%<br>0         | 0.00%<br>0    | 80    |
| Disclosing natural hazard risks during real estate transactions                                        | 65.00%<br>52   | 23.75%<br>19       | 7.50%<br>6   | 2.50%<br>2         | 1.25%<br>1    | 80    |
| Promoting cooperation among public agencies, residents, non-profit organizations, and local businesses | 75.00%<br>60   | 20.00%<br>16       | 3.75%<br>3   | 1.25%<br>1         | 0.00%<br>0    | 80    |

| # | OTHER (PLEASE SPECIFY)                                                                            | DATE              |
|---|---------------------------------------------------------------------------------------------------|-------------------|
| 1 | cut out local fire and ems, go to a county program. Fire the old over due chiefs that are holding | 1/13/2024 9:28 PM |



## Burlington County Hazard Mitigation Plan Update - Public Survey

back progression because they cant accept they are no longer useful and need to go.

|   |                                                                                                   |                    |
|---|---------------------------------------------------------------------------------------------------|--------------------|
| 2 | Town Hall Meetings                                                                                | 11/20/2023 3:31 PM |
| 3 | Local not enough. Need to coordinate with for profits that do business in state like Amazon, etc. | 10/16/2023 7:50 PM |

**Q11 Please identify any specific vulnerabilities that you are aware of in your city/town/village (e.g., flood-prone areas or specific properties, critical facilities that lack backup power, etc.). Please list street names and other specific identifiers if possible.**

Answered: 45 Skipped: 54

| #  | RESPONSES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | DATE                |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1  | very easily damaged electrical grid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2/26/2024 9:25 AM   |
| 2  | flood-prone area - 409 Glen Ave.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2/10/2024 8:08 PM   |
| 3  | South Church Street bottlenecks, particularly between Main Street and State Route 38. Improving the intersection of Church and 38 has been promised for ten years.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2/9/2024 4:49 PM    |
| 4  | in pemberton township there is an issue with military traffic. The construction of a road that extends from springfield rd to pointville rd where there is a dirt road with no access because of gates. It would reduce traffic in town for the base traffic. The base needs to re open their gates instead of limiting access and draining our town of access. Mount misery road from junction rd to route 70 needs to be improved for access to the south side of town in a hurry for emergency services. it could reduce to iso rating if that happened along with water down that road for fire hydrants. It could be used as a fire break also. | 1/13/2024 9:28 PM   |
| 5  | Not aware of any                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 12/13/2023 10:37 PM |
| 6  | Much of Beverlys waterfront is in a flood plain. We need help planning and using land well.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 11/22/2023 8:49 PM  |
| 7  | Our street, West Mae Ave in Southampton Township, is prone to flooding due to the proximity to the rancocas creek. We've asked for the creek to be dredged to help prevent flooding; however nothing is done.                                                                                                                                                                                                                                                                                                                                                                                                                                        | 11/20/2023 9:36 PM  |
| 8  | Large freight trains pass through Delanco in the middle of the night with little or no indication of what is transported in each of the freight cars.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 11/20/2023 3:31 PM  |
| 9  | Intersection of Parkdale Place and Austin Road in Evesham - has started to flood more often with severe weather. This past year flooding was so severe children were swimming in floodwater during an active storm.                                                                                                                                                                                                                                                                                                                                                                                                                                  | 11/10/2023 4:31 PM  |
| 10 | Temple Boulevard, Palmyra NJ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 11/10/2023 7:28 AM  |
| 11 | Whatever the work is that is being done at main st and 73 in Moorestown has gone on well over a year and has been causing flooding in the wetlands that run up against it. My home is on the edge os this at 206 Winthrop ave, Moorestown. Many neighbors have experienced flooding in past year.                                                                                                                                                                                                                                                                                                                                                    | 11/10/2023 5:01 AM  |
| 12 | Many areas have lakes and streams that are vulnerable to flooding. Many residents don't know where to get emergency alerts (Nixel, OEMs on social media) Numerous properties in Oakwood Lakes development that never clear vegetation or debris around the storm drains on their properties Residents who don't get trees trimmed away from power lines or don't get leaning, weak trees removed                                                                                                                                                                                                                                                     | 11/9/2023 8:03 PM   |
| 13 | Flooding in ramblewood area                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 11/9/2023 1:00 PM   |
| 14 | Nothing specific but stop tearing down woods and forests for buildings and warehouses!                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 11/9/2023 12:27 PM  |
| 15 | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 11/6/2023 9:31 PM   |
| 16 | .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 11/2/2023 11:19 PM  |
| 17 | Street flooding                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 11/1/2023 11:40 PM  |
| 18 | The lower parts of Valley Stream are susceptible to flooding during heavy rains.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 11/1/2023 3:29 PM   |

## Burlington County Hazard Mitigation Plan Update - Public Survey

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                     |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 19 | Residential properties don't have emergency back up                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 11/1/2023 11:33 AM  |
| 20 | Beverly / Delanco Water Treatment Plant; flood risk. Boggs Run watershed flooding risk due to clogged outflow (Army Corps) to Delaware River & undersized culvert at railroad (NJTRANSIT).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10/31/2023 8:12 AM  |
| 21 | Locust and kennilworth in moorestown floods every heavy rain Storm drains on 300 block of west 3rd st moorestown are not always clear.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 10/30/2023 11:32 PM |
| 22 | Flooding on Route 130 just south of Farnsworth Ave, near exit from 295 north. Frequently flooded during downpours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10/29/2023 10:08 PM |
| 23 | Flood-prone areas and wildfires                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10/29/2023 2:31 PM  |
| 24 | Junction of Gladstone Road and Gaylord Lane has flooded on occasion of heavy rains                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10/29/2023 8:51 AM  |
| 25 | Drought and/or heavy rains will impact local farms and farmers and thus our sources of food. Farms in Marlton include Cheyenne's, Westerby's and smaller ones. Name any street in Marlton, and it's a sure bet the homeowners are using too much fertilizer. This washes into our streams and waterways. We use WAY too much water to keep lawns green. This draws down our aquifers and results in a human-made vulnerability.                                                                                                                                                                                                                                                                             | 10/29/2023 6:06 AM  |
| 26 | Above ground utilities transmission, everywhere. Lack of enforcement of existing wetlands buffer regulations allow clearing and building closer to floodplain and creek                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 10/28/2023 9:21 AM  |
| 27 | Unreliable electrical service along Linden Street in Moorestown. Extremely poor cell phone service in the downtown area of Moorestown.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 10/26/2023 10:58 AM |
| 28 | Powerlines and utilities above ground, making storms move dangerous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10/23/2023 7:15 PM  |
| 29 | heritage at medford water tower needs painting/preserving. drainage at traffic light bt Dunken and gas station.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10/22/2023 2:44 PM  |
| 30 | Flooding on landing street Lumberton Forest fires in the pinelands                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10/21/2023 4:55 PM  |
| 31 | n/a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10/20/2023 10:17 AM |
| 32 | Can't think of any                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10/19/2023 2:31 PM  |
| 33 | It is not clear where shelters exist in an emergency if we cannot shelter in place. Programs established years ago need to be updated. I don't want to see regulatory measures for disaster preparedness impact the cost and availability of housing or other development. That said there needs to be some discussion on private property owners' responsibility in disaster preparedness and how they maintain their property. We've seen an increase in high-wind storms and small tornadoes in Burlington County. The microburst I mentioned earlier sent patio furniture, pots and other debris into my yard and against my house. We love our trees, but even they need to be trimmed along the road. | 10/18/2023 12:22 PM |
| 34 | Wildfires around Pinelands areas                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10/17/2023 6:19 PM  |
| 35 | Too much construction in Medford that will leave less permeable surfaces for water to runoff. Several surrounding neighborhoods near Main Street drain towards the rancocas creek near Harriet's, however, the creek has gotten very close to overflowing the past couple of years into nearby properties during drenching storms. I'd like to see more drainage installed to accommodate new construction and more restrictions on where housing can be built. We need more space like the rancocas reserve on Chapel Ave in Medford that preserves permeable surfaces.                                                                                                                                    | 10/17/2023 5:17 PM  |
| 36 | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10/17/2023 5:13 PM  |
| 37 | Moorestown has a Coastal Vulnerability Assessment report that was last done in 2017. The top concerning properties found were Azko Chemicals, the Main Street Pumping Station, Moorestown Shopping Center (Camden Ave), the Sewer treatment plant (end of Pine Street) and the dams on Strawbridge Lake. Since then some shoring up work has occurred at the sewer plant.                                                                                                                                                                                                                                                                                                                                   | 10/17/2023 4:13 PM  |
| 38 | na                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10/17/2023 3:10 PM  |
| 39 | Loss of electric power. Everything these days requires electricity.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10/17/2023 1:49 PM  |
| 40 | 900 Riverton Road, Moorestown - electric and cable lines are above ground from utility pole to house. Most homes in town have the same issue.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 10/16/2023 10:18 PM |

## Burlington County Hazard Mitigation Plan Update - Public Survey

|    |                                                                                                                                                                                                                                                                                                                            |                    |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| 41 | S. LENOLA RD, 08057. FLOODS BADLY DURING HEAVY RAIN. MULTIPLE WATER MAIN BREAKS NEAR HAINES DR.                                                                                                                                                                                                                            | 10/16/2023 9:00 PM |
| 42 | Wow. I really would need to think further about this because there are issues such as ensuring electrical backup for adult communities for some disabled and much more I suspect. I live in adult community, Renaissance Club but many adult communities would have more specific needs than I have listed here I suspect. | 10/16/2023 7:50 PM |
| 43 | Dam on Lenola Road, Maple Shade and impact on Moorestown properties.                                                                                                                                                                                                                                                       | 10/16/2023 4:46 PM |
| 44 | Not aware of any at this time                                                                                                                                                                                                                                                                                              | 10/16/2023 4:22 PM |
| 45 | Church St Moorestown - bridge over Strawbridge Lake floods                                                                                                                                                                                                                                                                 | 10/16/2023 4:18 PM |



**Q12 Please identify any specific vulnerabilities that you are aware of in Burlington County outside of your city/town/village (e.g., flood-prone areas or specific properties, critical facilities that lack backup power, etc.). Please list the city/town/village, street names, and other specific identifiers if possible.**

Answered: 32    Skipped: 67

| #  | RESPONSES                                                                                                                                                                                                                                                                          | DATE                |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1  | flooding along the Rancocas Creek                                                                                                                                                                                                                                                  | 2/26/2024 9:25 AM   |
| 2  | n/a                                                                                                                                                                                                                                                                                | 2/10/2024 8:08 PM   |
| 3  | Old (75 years) flammable fluid pipes buried alongside the Turnpike between exits 4 and 5.                                                                                                                                                                                          | 2/9/2024 4:49 PM    |
| 4  | Not aware                                                                                                                                                                                                                                                                          | 12/13/2023 10:37 PM |
| 5  | Street flooding in Edgewater Park on Broad St and Manor Rd. Half city of Burlington floods to some extent after large rain events                                                                                                                                                  | 11/22/2023 8:49 PM  |
| 6  | Flooding around the rancocas creek                                                                                                                                                                                                                                                 | 11/20/2023 9:36 PM  |
| 7  | There is a need to protect the shoreline of the Delaware River. This can be done with creative engineering solutions natural resources or structural bulkheads made of traditional building materials                                                                              | 11/20/2023 3:31 PM  |
| 8  | Nothing specific but stop tearing down woods and forests for buildings and warehouses!                                                                                                                                                                                             | 11/9/2023 12:27 PM  |
| 9  | Delanco riverside bridge                                                                                                                                                                                                                                                           | 11/8/2023 9:40 AM   |
| 10 | N/A                                                                                                                                                                                                                                                                                | 11/6/2023 9:31 PM   |
| 11 | .                                                                                                                                                                                                                                                                                  | 11/2/2023 11:19 PM  |
| 12 | Columbus rd by 295                                                                                                                                                                                                                                                                 | 11/1/2023 11:40 PM  |
| 13 | N/A                                                                                                                                                                                                                                                                                | 11/1/2023 3:29 PM   |
| 14 | Unknow                                                                                                                                                                                                                                                                             | 11/1/2023 11:33 AM  |
| 15 | n/a                                                                                                                                                                                                                                                                                | 10/31/2023 8:12 AM  |
| 16 | No                                                                                                                                                                                                                                                                                 | 10/30/2023 11:32 PM |
| 17 | Lower Rancocas in Eastampton                                                                                                                                                                                                                                                       | 10/29/2023 5:48 PM  |
| 18 | Flood-prone areas and wildfires                                                                                                                                                                                                                                                    | 10/29/2023 2:31 PM  |
| 19 | None known                                                                                                                                                                                                                                                                         | 10/29/2023 8:51 AM  |
| 20 | New Gretna and Lower Bank                                                                                                                                                                                                                                                          | 10/28/2023 9:21 AM  |
| 21 | Delaware River retention walls are eroding and sinking                                                                                                                                                                                                                             | 10/23/2023 7:15 PM  |
| 22 | traffic flow around emergency work. tall shrubs blocking driver sight of other traffic ie Acme parking lot exit on Jennings Road.                                                                                                                                                  | 10/22/2023 2:44 PM  |
| 23 | n/a                                                                                                                                                                                                                                                                                | 10/20/2023 10:17 AM |
| 24 | County office                                                                                                                                                                                                                                                                      | 10/19/2023 2:31 PM  |
| 25 | There have been a few times when we've been under tornado alerts or heavy rains that flooding and stormwater runoff prevented me from leaving my neighborhood (Creek and Centerton roads in Mt. Laurel). Creek Road and Centerton roads flooded and weren't passable (happen often | 10/18/2023 12:22 PM |

## Burlington County Hazard Mitigation Plan Update - Public Survey

enough) and the ramps to 295 flooded and weren't passable. We can't get to the highway, Fleetwood School, Centerton Shopping Center or anywhere down Creek Road to get out of the area. That's an area of vulnerability in a crisis. The flooding on Centerton and Creek roads need to be addressed because that's an accessibility issue in a crisis. I wish there was a true pedestrian walkway along those roads - not just in parts - to aid in creating a walkable community but being included in a crisis management plan.

|    |                                                                                   |                    |
|----|-----------------------------------------------------------------------------------|--------------------|
| 26 | Wildfires in Pinelands areas                                                      | 10/17/2023 6:19 PM |
| 27 | None                                                                              | 10/17/2023 5:13 PM |
| 28 | na                                                                                | 10/17/2023 3:10 PM |
| 29 | Electric transmission lines and their support towers are vulnerable to vandalism. | 10/17/2023 1:49 PM |
| 30 | N/A                                                                               | 10/16/2023 9:00 PM |
| 31 | I have no knowledge.                                                              | 10/16/2023 7:50 PM |
| 32 | Not aware at this time                                                            | 10/16/2023 4:22 PM |

## Q13 Do you have any other comments, questions, or concerns regarding hazard mitigation in Burlington County?

Answered: 35    Skipped: 64

| #  | RESPONSES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DATE                |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1  | none                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2/26/2024 9:25 AM   |
| 2  | no                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2/10/2024 8:08 PM   |
| 3  | Glad you are doing this.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2/9/2024 4:49 PM    |
| 4  | Pemberton township fire department is failing and cant meet its goals. Power companies abuse local resources. The OEM office is full of people that cant complete their task because they have college degrees but no on job real practice. Most managers couldn't complete proper ics forms if you asked them. Our stock piles are nonexistent. Virtua hospital is not enough for our area and needs growth.                                                                                                                                                                                                                                                                                                                                                                                | 1/13/2024 9:28 PM   |
| 5  | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 12/13/2023 10:37 PM |
| 6  | Need state approach. Great step to limit issues for neglected/high impact communities.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 11/22/2023 8:49 PM  |
| 7  | I support giving multiple options to help mitigate hazards. Dredging the creek? Grants to raise homes in flood prone areas? Grants to fill in basements in flood prone areas?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 11/20/2023 9:36 PM  |
| 8  | What is in place to protect residents who live near the freight rail lines?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 11/20/2023 3:31 PM  |
| 9  | Communication needs to be much better. In Evesham we receive no official communication from our township or the county in time sensitive situations. There was very little meaningful communication all through the worst of the pandemic and now when there are storms, nearby wildfires, flooding, etc we should expect to hear from township leaders about how to respond. Most of the time the only response is silence, which doesn't help those of us who would like to know what to do/where to go/where to find help other than calling 911. I should add that I grew up in a far more prepared part of the country with a parent who worked for the CA DWR, and hazard mitigation has been a normal part of everyday life for decades there. It should become more normalized here. | 11/10/2023 4:31 PM  |
| 10 | Please make New Jersey's Environmental Justice communities a priority when implementing hazard mitigation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 11/10/2023 7:28 AM  |
| 11 | Stop tearing down woods and forests for buildings and warehouses!                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 11/9/2023 12:27 PM  |
| 12 | Thank you for being proactive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 11/8/2023 9:40 AM   |
| 13 | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 11/6/2023 9:31 PM   |
| 14 | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 11/2/2023 11:19 PM  |
| 15 | Strong regulations at the State level for risk reduction, building code upgrades and restricting development are needed. Relying upon municipalities to enact appropriate regulations is a waste of time and effort.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 11/2/2023 8:32 PM   |
| 16 | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 11/1/2023 11:40 PM  |
| 17 | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 11/1/2023 11:33 AM  |
| 18 | State & federal laws are outdated and regulatory officials inflexible to adapt to climate change.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10/31/2023 8:12 AM  |
| 19 | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10/29/2023 2:31 PM  |
| 20 | I'm worried about what is in the soil in my area that so many neighbors have contracted cancer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 10/29/2023 8:51 AM  |
| 21 | How are you addressing climate change? Will your update cover this?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10/29/2023 6:06 AM  |
| 22 | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10/28/2023 9:21 AM  |

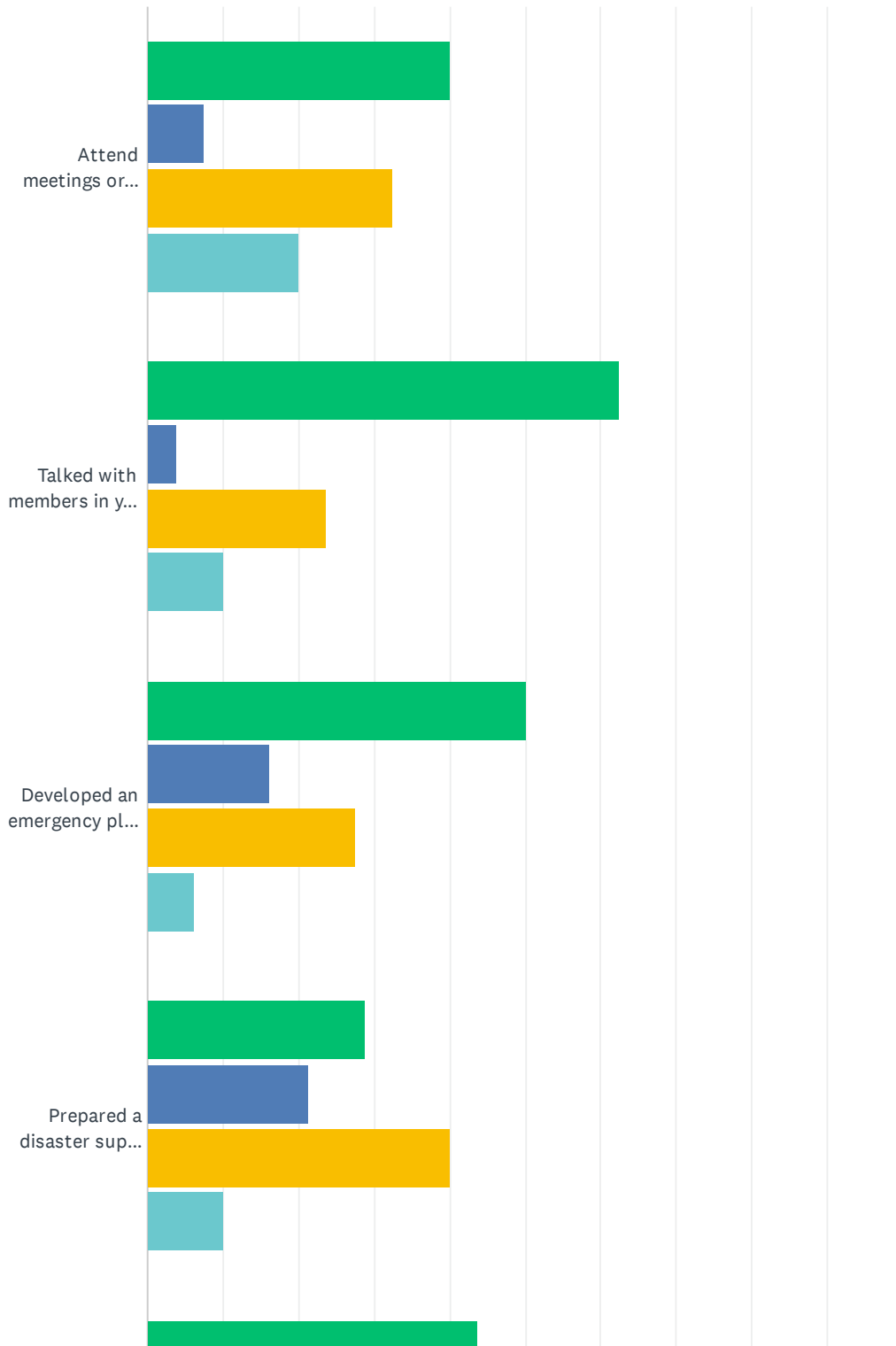
## Burlington County Hazard Mitigation Plan Update - Public Survey

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 23 | Acme did move shrubs by traffic light enabling good vision so thank u acme.                                                                                                                                                                                                                                                                                                                                                                       | 10/22/2023 2:44 PM  |
| 24 | n/a                                                                                                                                                                                                                                                                                                                                                                                                                                               | 10/20/2023 10:17 AM |
| 25 | No                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10/19/2023 2:31 PM  |
| 26 | Just to continue with my last comment. We need more sidewalks and bike lanes, not just for exercise, but as part of this crisis plan. I know that's a costly discussion because building bicycle bridges over waterways is not easily done. The boundaries of our neighborhoods far exceed the town lines, however. If I can't leave in my car, how can I leave? If I can't get home in my car, where can I go to be safe and how do I get there. | 10/18/2023 12:22 PM |
| 27 | No                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10/17/2023 5:13 PM  |
| 28 | na                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10/17/2023 3:10 PM  |
| 29 | More police on foot or on bicycle, on the lookout just in anticipation of unforeseen hazard.                                                                                                                                                                                                                                                                                                                                                      | 10/17/2023 1:49 PM  |
| 30 | No                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10/16/2023 9:00 PM  |
| 31 | Transportation should also be considered when doing your risk assessment. I like and appreciate the fact that you are doing this survey but wonder how many people I will be aware of the opportunity to comment                                                                                                                                                                                                                                  | 10/16/2023 7:50 PM  |
| 32 | Would hope that we have evacuation and emergency notification plans.                                                                                                                                                                                                                                                                                                                                                                              | 10/16/2023 4:22 PM  |
| 33 | no                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10/16/2023 4:18 PM  |
| 34 | not at this time                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10/16/2023 4:08 PM  |
| 35 | no                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10/16/2023 4:07 PM  |

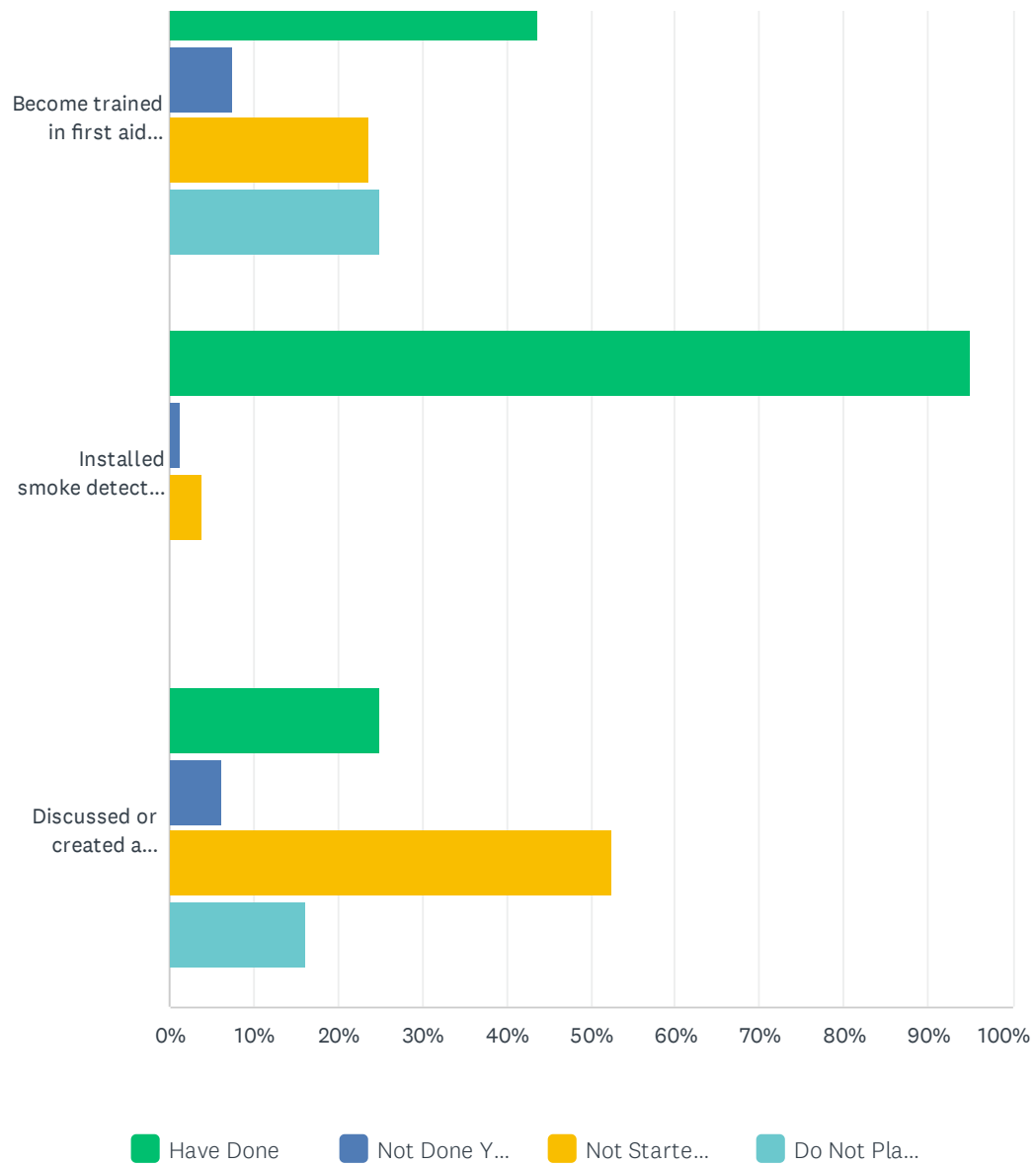


Q14 In the following list, please check those activities that you have done in your home, plan to do in the near future, have not done, or are unable to do. Please check one answer for each activity that you or someone in your household have done.

Answered: 80 Skipped: 19



## Burlington County Hazard Mitigation Plan Update - Public Survey



# Burlington County Hazard Mitigation Plan Update - Public Survey

|                                                                                                                                       | HAVE DONE    | NOT DONE YET, BUT STARTED | NOT STARTED YET, BUT PLAN TO DO | DO NOT PLAN TO DO | TOTAL |
|---------------------------------------------------------------------------------------------------------------------------------------|--------------|---------------------------|---------------------------------|-------------------|-------|
| Attend meetings or received information on natural disasters or emergency preparedness                                                | 40.00%<br>32 | 7.50%<br>6                | 32.50%<br>26                    | 20.00%<br>16      | 80    |
| Talked with members in your home about what to do in case of a natural disaster or emergency                                          | 62.50%<br>50 | 3.75%<br>3                | 23.75%<br>19                    | 10.00%<br>8       | 80    |
| Developed an emergency plan for your home and family in order to decide what everyone will do in the event of a disaster or emergency | 50.00%<br>40 | 16.25%<br>13              | 27.50%<br>22                    | 6.25%<br>5        | 80    |
| Prepared a disaster supply kit with extra food, water, batteries, etc.                                                                | 28.75%<br>23 | 21.25%<br>17              | 40.00%<br>32                    | 10.00%<br>8       | 80    |
| Become trained in first aid and/or CPR                                                                                                | 43.75%<br>35 | 7.50%<br>6                | 23.75%<br>19                    | 25.00%<br>20      | 80    |
| Installed smoke detectors throughout home                                                                                             | 95.00%<br>76 | 1.25%<br>1                | 3.75%<br>3                      | 0.00%<br>0        | 80    |
| Discussed or created a utility shutoff procedure in the event of a natural disaster                                                   | 25.00%<br>20 | 6.25%<br>5                | 52.50%<br>42                    | 16.25%<br>13      | 80    |

| # | OTHER (PLEASE SPECIFY)                                                                                                    | DATE                |
|---|---------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1 | Trying to be independent: electricity generator, back-up house heating system, potable water storage, nonperishable food. | 2/9/2024 4:49 PM    |
| 2 | Have gotten a gas generator installed. Have removed dangerous trees.                                                      | 11/9/2023 8:03 PM   |
| 3 | I live in an apartment complex idk if I can do that?                                                                      | 11/9/2023 12:11 PM  |
| 4 | garage door not working after 2 services. dont want to keep paying company hundreds \$ but still having problems.         | 10/22/2023 2:44 PM  |
| 5 | Backed up legal documents & plans a list for the Grab & Go bag.                                                           | 10/18/2023 12:22 PM |
| 6 | Can not leave house.                                                                                                      | 10/17/2023 1:49 PM  |

## Q15 Do you have any relevant questions or comments for Burlington County?

Answered: 30    Skipped: 69

| #  | RESPONSES                                                                                                                                                                                                                                                                                                                                                                                         | DATE                |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1  | no                                                                                                                                                                                                                                                                                                                                                                                                | 2/26/2024 9:25 AM   |
| 2  | What resources are available now to residents of Burlington County? Is there a checklist of items that we can reference?                                                                                                                                                                                                                                                                          | 2/10/2024 8:08 PM   |
| 3  | Pease consider a county website with continually updated disaster-related information -- a single, master resource that links to other sites for specific information or assistance. But only distater-related, not advertising or garbage collection or community events.                                                                                                                        | 2/9/2024 4:49 PM    |
| 4  | No                                                                                                                                                                                                                                                                                                                                                                                                | 12/13/2023 10:37 PM |
| 5  | What information can be sent to residents to help assist in getting them started?                                                                                                                                                                                                                                                                                                                 | 11/20/2023 3:31 PM  |
| 6  | Our OEM does a good job.                                                                                                                                                                                                                                                                                                                                                                          | 11/9/2023 8:03 PM   |
| 7  | Nothing specific but stop tearing down woods and forests for buildings and warehouses!                                                                                                                                                                                                                                                                                                            | 11/9/2023 12:27 PM  |
| 8  | No                                                                                                                                                                                                                                                                                                                                                                                                | 11/6/2023 9:31 PM   |
| 9  | No                                                                                                                                                                                                                                                                                                                                                                                                | 11/2/2023 11:19 PM  |
| 10 | No                                                                                                                                                                                                                                                                                                                                                                                                | 11/1/2023 11:40 PM  |
| 11 | No                                                                                                                                                                                                                                                                                                                                                                                                | 11/1/2023 11:33 AM  |
| 12 | I worry that we have tornadoes now in this area. We're really not prepared for this as a community. For example my son goes to Liberty Lake Day Camp — where would all those people go if we had a life threatening storm?                                                                                                                                                                        | 10/29/2023 10:08 PM |
| 13 | No                                                                                                                                                                                                                                                                                                                                                                                                | 10/29/2023 2:31 PM  |
| 14 | No                                                                                                                                                                                                                                                                                                                                                                                                | 10/29/2023 8:51 AM  |
| 15 | M                                                                                                                                                                                                                                                                                                                                                                                                 | 10/28/2023 9:21 AM  |
| 16 | be proactive and triage calls about hazards. is there a hazard phone #:                                                                                                                                                                                                                                                                                                                           | 10/22/2023 2:44 PM  |
| 17 | no                                                                                                                                                                                                                                                                                                                                                                                                | 10/20/2023 10:17 AM |
| 18 | No                                                                                                                                                                                                                                                                                                                                                                                                | 10/19/2023 2:31 PM  |
| 19 | Stop the excessive building of warehouses and preserve open space.                                                                                                                                                                                                                                                                                                                                | 10/19/2023 1:33 PM  |
| 20 | I'd like to see any relevant changes shared, perhaps with town hall meetings in each community. After Hurricane Sandy I began following the Do 1 Thing campaign out of Michigan. It's a great public relation campaign on disaster preparedness for the after household with an easy monthly reminder to do 1 thing. I'm so surprised at how helpful that's been for us in our home. Take a look. | 10/18/2023 12:22 PM |
| 21 | Does the county have requirements for property owners to remove and/or trim trees that present a risk to property during a storm? If the tree is close to a home and appears to be dying, is the property owner responsible for removing the tree? If so, are funds or services available through the county for tree removal?                                                                    | 10/17/2023 5:17 PM  |
| 22 | No                                                                                                                                                                                                                                                                                                                                                                                                | 10/17/2023 5:13 PM  |
| 23 | na                                                                                                                                                                                                                                                                                                                                                                                                | 10/17/2023 3:10 PM  |
| 24 | --                                                                                                                                                                                                                                                                                                                                                                                                | 10/17/2023 1:49 PM  |

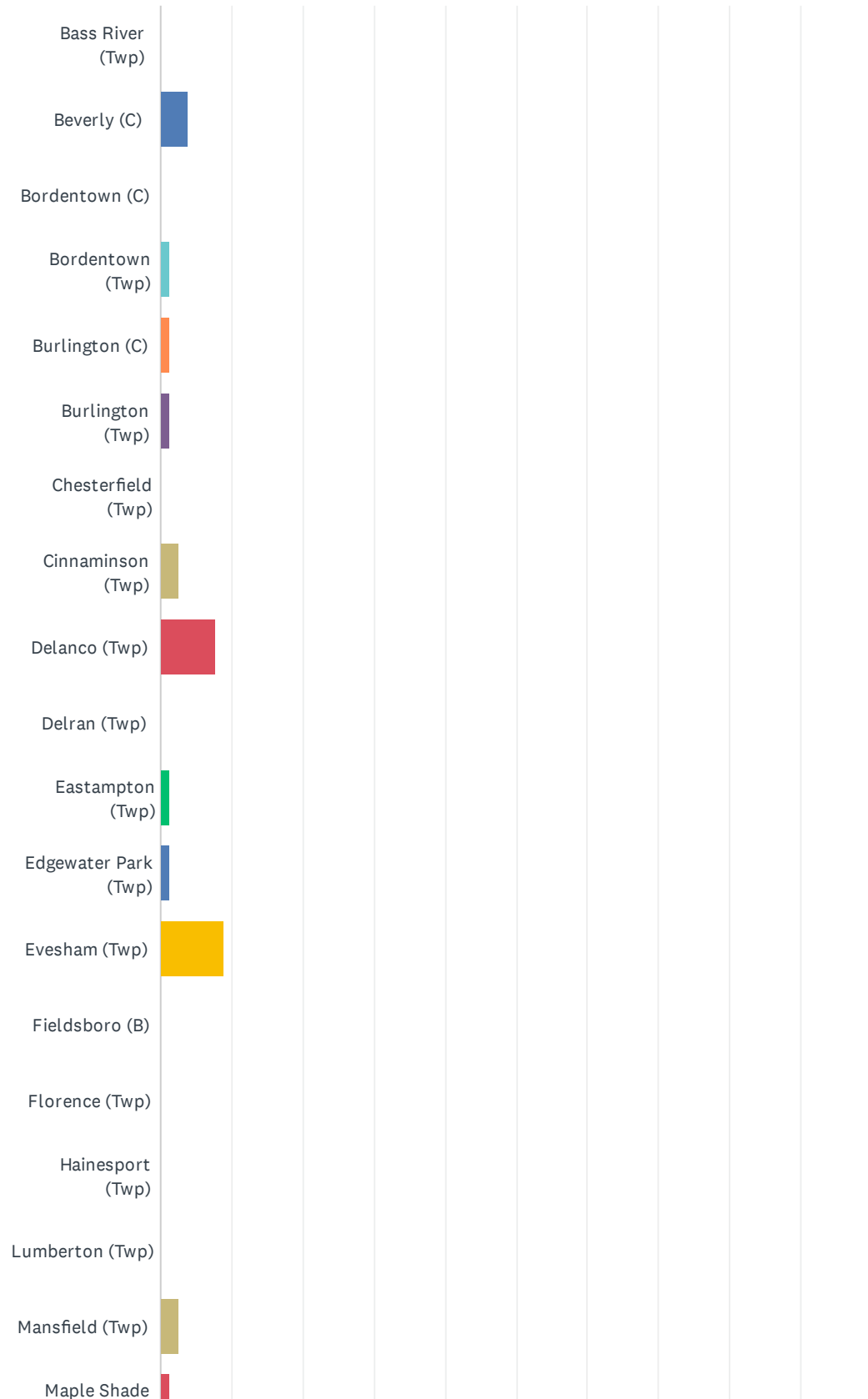


## Burlington County Hazard Mitigation Plan Update - Public Survey

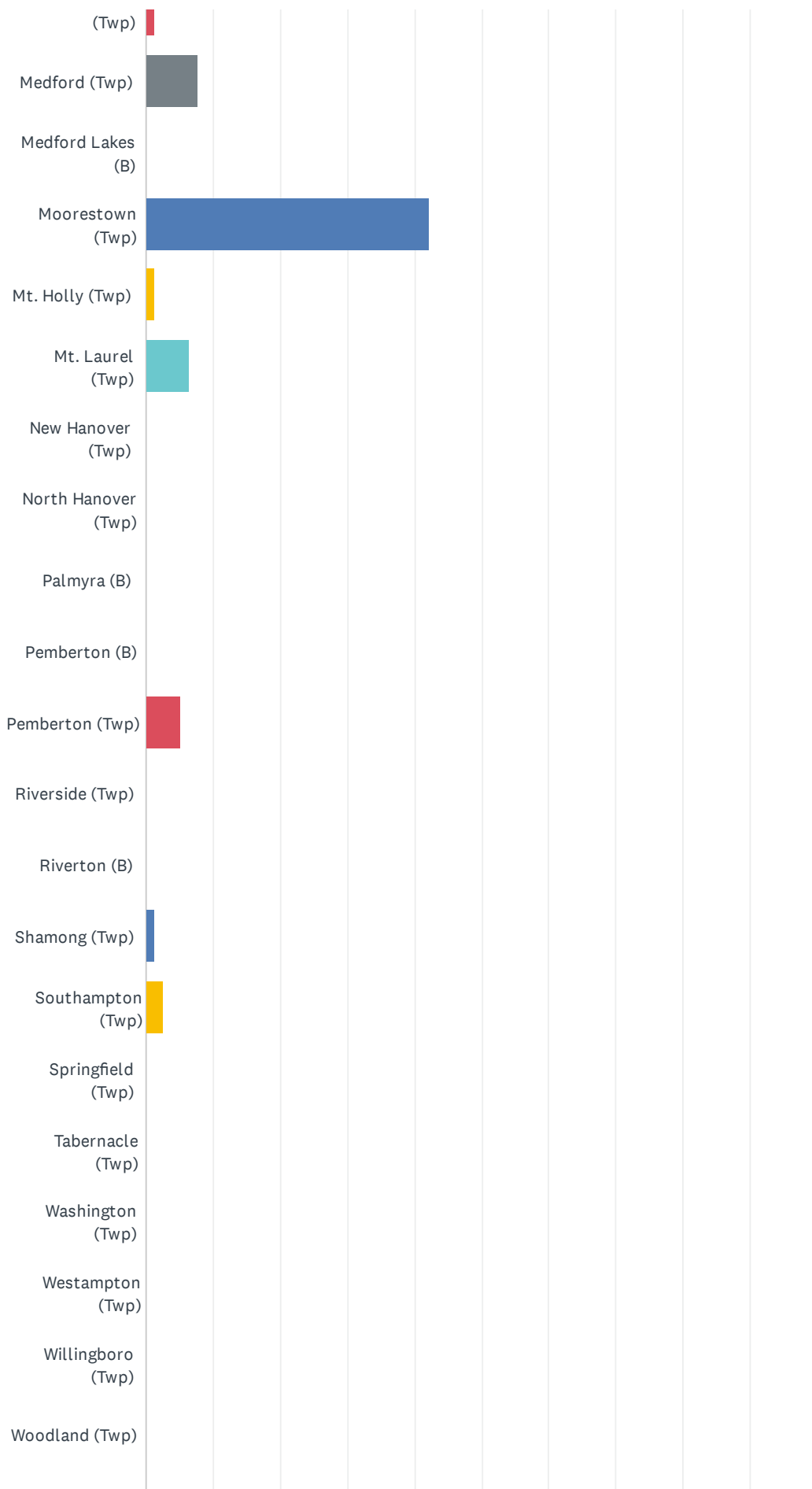
|    |                                                                                                                        |                    |
|----|------------------------------------------------------------------------------------------------------------------------|--------------------|
| 25 | I .have signed up multiple times to receive alerts.via Nixle and the twp.website.but I continually do NOT receive any. | 10/16/2023 9:00 PM |
| 26 | How will you disseminate results of survey                                                                             | 10/16/2023 7:50 PM |
| 27 | No                                                                                                                     | 10/16/2023 4:46 PM |
| 28 | Not at the time                                                                                                        | 10/16/2023 4:22 PM |
| 29 | not at this time                                                                                                       | 10/16/2023 4:08 PM |
| 30 | no                                                                                                                     | 10/16/2023 4:07 PM |

## Q16 Please indicate the municipality in which you live:

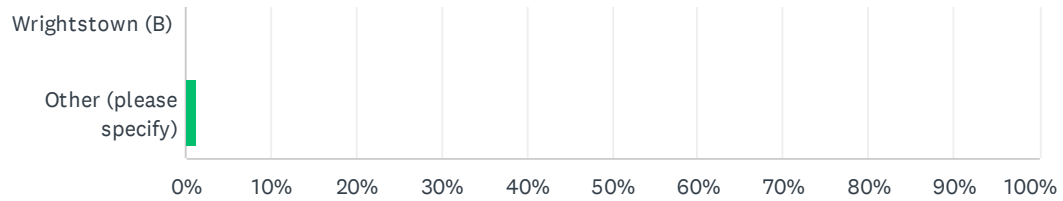
Answered: 78 Skipped: 21



# Burlington County Hazard Mitigation Plan Update - Public Survey



## Burlington County Hazard Mitigation Plan Update - Public Survey





# Burlington County Hazard Mitigation Plan Update - Public Survey

| ANSWER CHOICES       | RESPONSES |    |
|----------------------|-----------|----|
| Bass River (Twp)     | 0.00%     | 0  |
| Beverly (C)          | 3.85%     | 3  |
| Bordentown (C)       | 0.00%     | 0  |
| Bordentown (Twp)     | 1.28%     | 1  |
| Burlington (C)       | 1.28%     | 1  |
| Burlington (Twp)     | 1.28%     | 1  |
| Chesterfield (Twp)   | 0.00%     | 0  |
| Cinnaminson (Twp)    | 2.56%     | 2  |
| Delanco (Twp)        | 7.69%     | 6  |
| Delran (Twp)         | 0.00%     | 0  |
| Eastampton (Twp)     | 1.28%     | 1  |
| Edgewater Park (Twp) | 1.28%     | 1  |
| Evesham (Twp)        | 8.97%     | 7  |
| Fieldsboro (B)       | 0.00%     | 0  |
| Florence (Twp)       | 0.00%     | 0  |
| Hainesport (Twp)     | 0.00%     | 0  |
| Lumberton (Twp)      | 0.00%     | 0  |
| Mansfield (Twp)      | 2.56%     | 2  |
| Maple Shade (Twp)    | 1.28%     | 1  |
| Medford (Twp)        | 7.69%     | 6  |
| Medford Lakes (B)    | 0.00%     | 0  |
| Moorestown (Twp)     | 42.31%    | 33 |
| Mt. Holly (Twp)      | 1.28%     | 1  |
| Mt. Laurel (Twp)     | 6.41%     | 5  |
| New Hanover (Twp)    | 0.00%     | 0  |
| North Hanover (Twp)  | 0.00%     | 0  |
| Palmyra (B)          | 0.00%     | 0  |
| Pemberton (B)        | 0.00%     | 0  |
| Pemberton (Twp)      | 5.13%     | 4  |
| Riverside (Twp)      | 0.00%     | 0  |
| Riverton (B)         | 0.00%     | 0  |
| Shamong (Twp)        | 1.28%     | 1  |

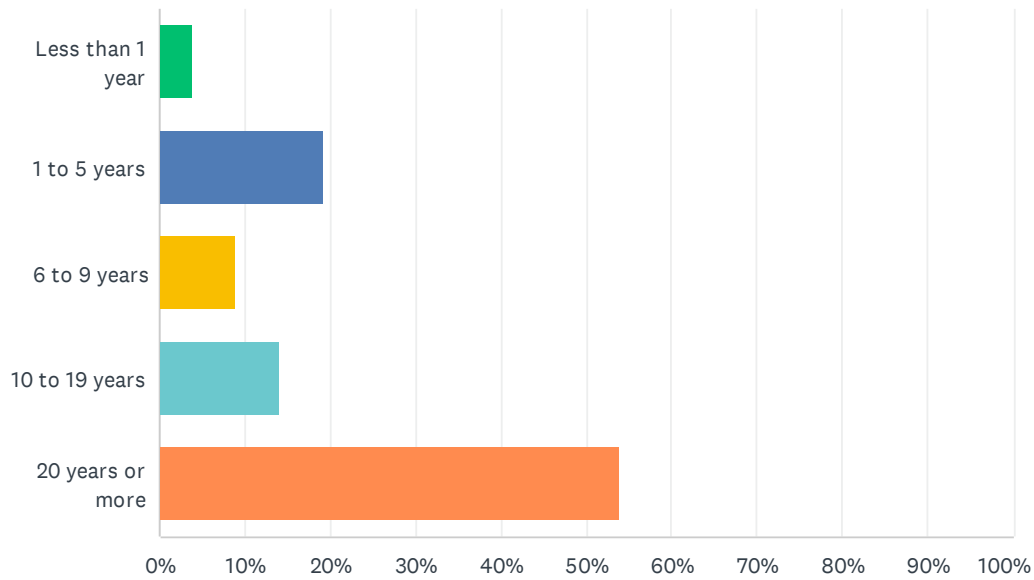
## Burlington County Hazard Mitigation Plan Update - Public Survey

|                        |       |   |
|------------------------|-------|---|
| Southampton (Twp)      | 2.56% | 2 |
| Springfield (Twp)      | 0.00% | 0 |
| Tabernacle (Twp)       | 0.00% | 0 |
| Washington (Twp)       | 0.00% | 0 |
| Westampton (Twp)       | 0.00% | 0 |
| Willingboro (Twp)      | 0.00% | 0 |
| Woodland (Twp)         | 0.00% | 0 |
| Wrightstown (B)        | 0.00% | 0 |
| Other (please specify) | 1.28% | 1 |
| Total Respondents: 78  |       |   |

| # | OTHER (PLEASE SPECIFY)                                                                         | DATE               |
|---|------------------------------------------------------------------------------------------------|--------------------|
| 1 | council is not resident friendly, doesnt take criticizing well, so hazards may not be averted. | 10/22/2023 2:46 PM |

## Q17 How long have you lived here?

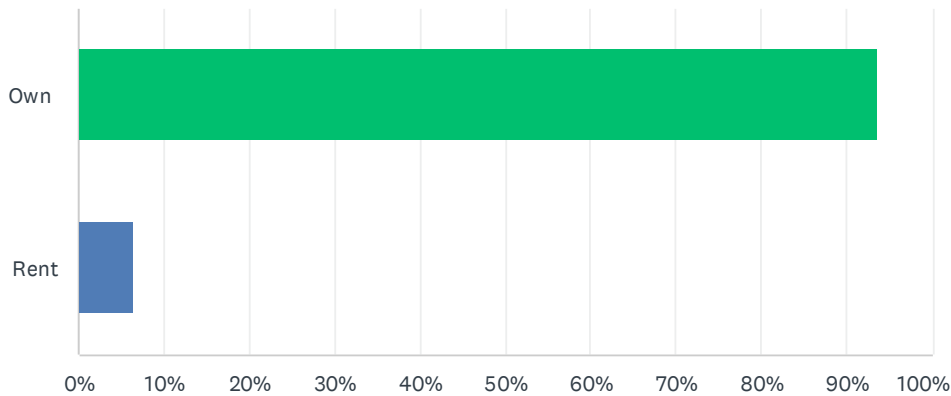
Answered: 78   Skipped: 21



| ANSWER CHOICES   | RESPONSES |    |
|------------------|-----------|----|
| Less than 1 year | 3.85%     | 3  |
| 1 to 5 years     | 19.23%    | 15 |
| 6 to 9 years     | 8.97%     | 7  |
| 10 to 19 years   | 14.10%    | 11 |
| 20 years or more | 53.85%    | 42 |
| TOTAL            |           | 78 |

Q18 Do you own or rent your place of residence?

Answered: 78    Skipped: 21

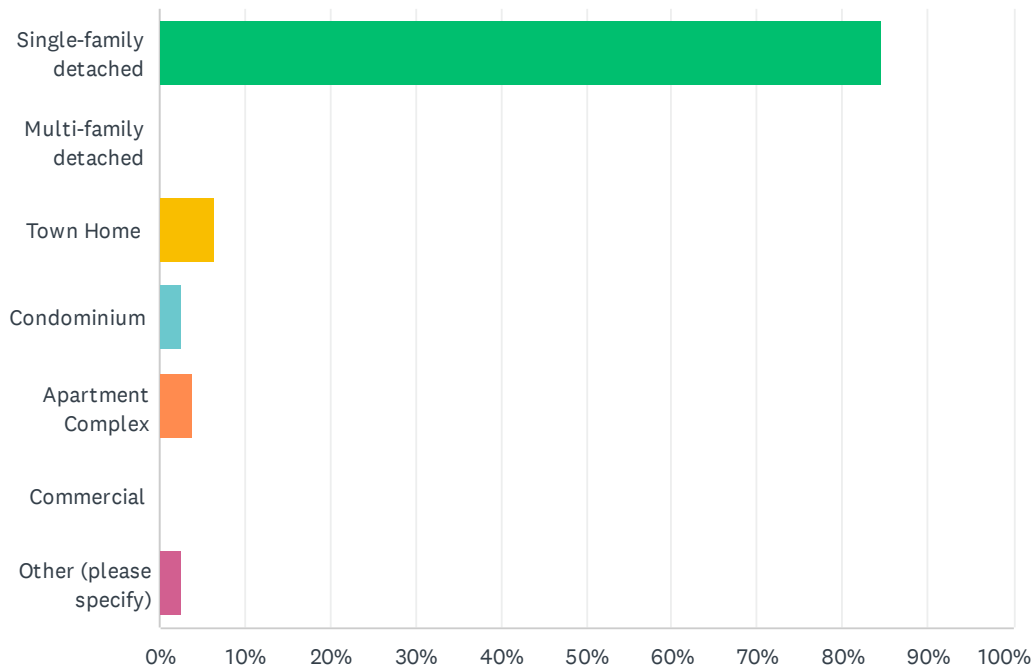


| ANSWER CHOICES | RESPONSES |    |
|----------------|-----------|----|
| Own            | 93.59%    | 73 |
| Rent           | 6.41%     | 5  |
| TOTAL          |           | 78 |



## Q19 What type of residence do you live in?

Answered: 78   Skipped: 21

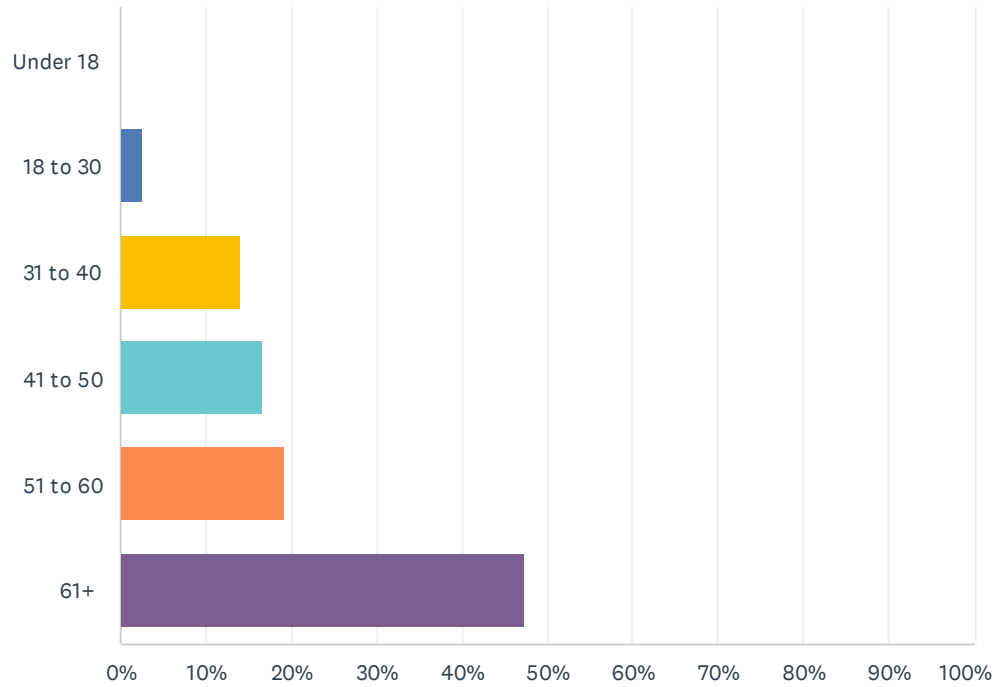


| ANSWER CHOICES         | RESPONSES |           |
|------------------------|-----------|-----------|
| Single-family detached | 84.62%    | 66        |
| Multi-family detached  | 0.00%     | 0         |
| Town Home              | 6.41%     | 5         |
| Condominium            | 2.56%     | 2         |
| Apartment Complex      | 3.85%     | 3         |
| Commercial             | 0.00%     | 0         |
| Other (please specify) | 2.56%     | 2         |
| <b>TOTAL</b>           |           | <b>78</b> |

| # | OTHER (PLEASE SPECIFY)              | DATE               |
|---|-------------------------------------|--------------------|
| 1 | Half apartment half commercial      | 11/6/2023 9:32 PM  |
| 2 | Two story home with one rental unit | 10/16/2023 4:48 PM |

## Q21 Please indicate your age range:

Answered: 78 Skipped: 21



| ANSWER CHOICES | RESPONSES |    |
|----------------|-----------|----|
| Under 18       | 0.00%     | 0  |
| 18 to 30       | 2.56%     | 2  |
| 31 to 40       | 14.10%    | 11 |
| 41 to 50       | 16.67%    | 13 |
| 51 to 60       | 19.23%    | 15 |
| 61+            | 47.44%    | 37 |
| TOTAL          |           | 78 |



## SECTION E. MITIGATION STRATEGY SUPPLEMENTARY DATA

This appendix summarizes additional activities and resources provided to plan participants to support the update of the mitigation strategy.

### E.1 2019 GOALS AND OBJECTIVES REVIEW

Burlington County's planning documents and recent policies changes were reviewed and discussed with the Planning Team to help inform the review and update of the goals and objectives. Table E-1 and Table E-2 summarizes the Planning Team review and evaluation of the 2019 HMP goals and objectives. Table E-3 and Table E-4 summarize the goals and objectives for the 2024 HMP update.

Table E-1. 2019 Goals Evaluation

| 2019 Goal                                | 2024 Goal Evaluation<br>(Keep as is? Change? Add another goal?) |
|------------------------------------------|-----------------------------------------------------------------|
| Goal 1: Protect Life                     | Keep as is                                                      |
| Goal 2: Protect Property                 | Keep as is                                                      |
| Goal 3: Promote a Sustainable Economy    | Changed                                                         |
| Goal 4: Protect the Environment          | Changed                                                         |
| Goal 5: Increase Public Awareness        | Include preparedness                                            |
| Goal 6: Support Continuity of Operations | Before, during, and after events                                |

Table E-2. 2019 Objectives Evaluation

| 2019 Objective                                                                                                                                                            | 2024 Objective Evaluation<br>(Keep as is? Change? Add another objective?) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Objective 1: Promote disaster-resistant development.                                                                                                                      | Keep as is                                                                |
| Objective 2: Build and support local capacity to enable the public to prepare for, respond to, and recover from disasters.                                                | Keep as is                                                                |
| Objective 3: Reduce the possibility of damages to emergency facilities from natural hazards.                                                                              | Keep as is                                                                |
| Objective 4: Reduce the possibility of damage and losses due to natural hazards affecting the county and its municipalities.                                              | Keep as is                                                                |
| Objective 5: Educate the public on the risk from natural and man-made hazards and increase their awareness of preparation, mitigation, response, and recovery activities. | Keep as is                                                                |
| Objective 6: Increase communications before, during, and after natural hazard events.                                                                                     | Keep as is                                                                |
| Objective 7: Retrofit, acquire, or relocate vulnerable property in high hazard areas including those known to be subject to repetitive damages.                           | Keep as is                                                                |
| Objective 8: Utilize the best available information on hazard exposure and vulnerability to support appropriate land use decisions within Burlington County.              | Keep as is                                                                |



| 2019 Objective                                                                                                                                                 | 2024 Objective Evaluation<br>(Keep as is? Change? Add another objective?) |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Objective 9: Increase local government official awareness regarding funding opportunities for mitigation and participating/contributing to future plan updates | Keep as is                                                                |

Table E-3. 2024 Goals

| Goal Number | 2024 Goals                                                                                             |
|-------------|--------------------------------------------------------------------------------------------------------|
| 1           | Protect Life                                                                                           |
| 2           | Protect Property                                                                                       |
| 3           | Increase public preparedness and awareness                                                             |
| 4           | Develop and maintain an understanding of increased risk from climate change impacts to natural hazards |
| 5           | Enhance mitigation capabilities to reduce hazard vulnerabilities                                       |
| 6           | Support continuity of operations pre-, during, and post-hazard events                                  |
| 7           | Reduce the risk of natural hazards for socially vulnerable populations                                 |

Table E-4. 2024 Objectives

| Objective Number | 2024 Objectives                                                                                                                                                               |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                | Promote disaster-resistant development.                                                                                                                                       |
| 2                | Build and support local capacity to enable the public to prepare for, respond to, and recover from disasters.                                                                 |
| 3                | Reduce the possibility of damages to critical facilities from natural hazards.                                                                                                |
| 4                | Reduce the possibility of damage and losses due to natural hazards affecting the county and its municipalities.                                                               |
| 5                | Educate the public on the risk from natural and man-made hazards and increase their awareness of preparation, mitigation, response, and recovery activities.                  |
| 6                | Increase communications before, during, and after natural hazard events.                                                                                                      |
| 7                | Retrofit, acquire, or relocate vulnerable property in high hazard areas including those known to be subject to repetitive damages.                                            |
| 8                | Utilize the best available information on hazard exposure and vulnerability to support appropriate land use decisions within Burlington County.                               |
| 9                | Increase local government official awareness regarding funding opportunities for mitigation and participating/contributing to future plan updates.                            |
| 10               | Identify, and provide additional resources to, vulnerable and marginalized populations that have reduced capacity to respond to hazards compared with the general population. |
| 11               | Ensure dam infrastructure is maintained.                                                                                                                                      |
| 12               | Support the identification and access to funding to repair/rehabilitate/replace dams.                                                                                         |
| 13               | Ensure Emergency Action Plans are developed and updated.                                                                                                                      |
| 14               | Acquire and maintain detailed data regarding critical facilities and lifelines such that these sites can be prioritized and risk-assessed for possible mitigation actions.    |
| 15               | Support increased participation in the National Flood Insurance Program and Community Rating System.                                                                          |
| 16               | Promote sustainable and equitable land development practices that direct future development away from hazard-prone areas.                                                     |
| 17               | Encourage and support multi-jurisdictional mitigation projects that leverage funding and support from multiple levels of government and community organizations.              |
| 18               | Strengthen inter-jurisdiction and inter-agency communication, coordination, and partnerships to foster hazard mitigation actions and/or projects.                             |





| Objective Number | 2024 Objectives                                                                                                                                                                                            |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 19               | Encourage the establishment of policies to help ensure the prioritization and implementation of mitigation actions and/or projects designed to benefit essential facilities, services, and infrastructure. |

## E.2 MITIGATION STRATEGY WORKSHOP RESOURCES

On October 30, 2023, a Mitigation Strategy Workshop was held for all plan participants. The workshop was held in-person at the Burlington County Emergency Services Training Center (53 Academy Road, Westampton, NJ 08060) and was led by the contract consultant. Following the meeting, participating jurisdictions had the opportunity to work in-person with the contracting consultant. Furthermore, this meeting was supplemented by emails and phone calls between Burlington County and the contract consultant, for all participants to support the development of focused problem statements based on the impacts of natural hazards in the county and their communities. These problem statements were intended to provide a detailed description of the problem area, including its impacts to the jurisdiction; past damages; loss of service; etc. An effort was made to include the street address of the property/project location, adjacent streets, water bodies, and well-known structures as well as a brief description of existing conditions (topography, terrain, hydrology) of the site. These problem statements formed a bridge between the hazard risk assessment which quantifies impacts to each community with the development of actionable mitigation strategies. Resources available at the workshop and follow up discussions included the following to assist with the identification of mitigation alternatives and the development of the mitigation strategy workshops found in Section 9 (Annexes).

1. FEMA Local Mitigation Handbook
2. Public Survey Results
3. FEMA Mitigation Action Types (Table E-5)
4. FEMA Mitigation Ideas
5. FEMA Project Useful Life Factsheet
6. Mitigation Funding Sources at the Federal, State, and Local levels (Table E-6)
7. FEMA Region 2 Funding Sources for New Jersey
8. FEMA Ecosystem Services
9. Mitigation Catalog (Table E-7)

### E.2.1 Types of Mitigation Actions

A mitigation action is a specific action, project, activity, or process taken to reduce or eliminate long-term risk to people and property from hazards and their impacts. Implementing mitigation actions helps achieve the plan's mission and goals. The actions to reduce vulnerability to threats and hazards form the core of the plan and are a key outcome of the planning process.

The primary types of mitigation actions to reduce long-term vulnerability are:



- Local Plans and Regulations (LPR)
- Structure and Infrastructure Projects (SIP)
- Natural Systems Protection (NSP)
- Education and Awareness Programs (EAP)

**Table E-5. FEMA Mitigation Action Types**

| Mitigation Type                       | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Examples                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Local Plans and Regulations           | These actions include government authorities, policies, or codes that influence the way land and buildings are developed and built.                                                                                                                                                                                                                                                                                                                                                                                                                   | <ul style="list-style-type: none"> <li>• Comprehensive plans</li> <li>• Land use ordinances</li> <li>• Subdivision regulations</li> <li>• Development review</li> <li>• Building codes and enforcement</li> <li>• NFIP Community Rating System</li> <li>• Capital improvement programs</li> <li>• Open space preservation</li> <li>• Stormwater management regulations and master plans</li> </ul> |
| Structure and Infrastructure Projects | <p>These actions involve modifying existing structures and infrastructure to protect them from a hazard or remove them from a hazard area. This could apply to public or private structures as well as critical facilities and infrastructure.</p> <p>This type of action also involves projects to construct manmade structures to reduce the impact of hazards.</p> <p>Many of these types of actions are projects eligible for funding through the FEMA Hazard Mitigation Assistance program.</p>                                                  | <ul style="list-style-type: none"> <li>• Acquisitions and elevations of structures in flood prone areas</li> <li>• Utility undergrounding</li> <li>• Structural retrofits</li> <li>• Floodwalls and retaining walls</li> <li>• Detention and retention structures</li> <li>• Culverts</li> <li>• Safe rooms</li> </ul>                                                                             |
| Natural Systems Protection            | These are actions that minimize damage and losses and also preserve or restore the functions of natural systems.                                                                                                                                                                                                                                                                                                                                                                                                                                      | <ul style="list-style-type: none"> <li>• Sediment and erosion control</li> <li>• Stream corridor restoration</li> <li>• Forest management</li> <li>• Conservation easements</li> <li>• Wetland restoration and preservation</li> </ul>                                                                                                                                                             |
| Education and Awareness Programs      | These are actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. These actions may also include participation in national programs, such as StormReady or Firewise Communities. Although this type of mitigation reduces risk less directly than structural projects or regulation, it is an important foundation. A greater understanding and awareness of hazards and risk among local officials, stakeholders, and the public is more likely to lead to direct actions. | <ul style="list-style-type: none"> <li>• Radio or television spots</li> <li>• Websites with maps and information</li> <li>• Real estate disclosure</li> <li>• Presentations to school groups or neighborhood organizations</li> <li>• Mailings to residents in hazard-prone areas</li> <li>• StormReady</li> <li>• Firewise Communities</li> </ul>                                                 |



## E.2.2 Potential Mitigation Funding Sources

While it is important to recognize the mitigation strategies for Burlington County to help achieve the mitigation goals and objectives of the HMP, it is also important to provide sources for funding to implement these strategies. The table below provides a list of programs, descriptions, and links for those seeking funding sources. Please note that this table is not intended to be a comprehensive list, but rather a starting point to help identify potential sources of funding for the identified mitigation strategies.

Table E-6. New Jersey Mitigation Funding Sources

| Program                                                               | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Lead Agency | Website                                                                                                                                                                                   |
|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Federal</b>                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             |                                                                                                                                                                                           |
| <b>Hazard Mitigation Assistance (HMA)</b>                             | Grants to provide funding for eligible mitigation activities that reduce disaster losses and protect life and property from future disaster damages – includes FMA, HMGP, PDM                                                                                                                                                                                                                                                                                                                                                              | FEMA        | <a href="https://www.fema.gov/hazard-mitigation-assistance">https://www.fema.gov/hazard-mitigation-assistance</a>                                                                         |
| <b>Flood Mitigation Assistance (FMA)</b>                              | Program Grants to States and communities for pre-disaster mitigation planning and projects to help reduce or eliminate the long-term risk of flood damage to structures insurable under the National Flood Insurance Program                                                                                                                                                                                                                                                                                                               | FEMA        | <a href="https://www.fema.gov/flood-mitigation-assistance-grant-program">https://www.fema.gov/flood-mitigation-assistance-grant-program</a>                                               |
| <b>Hazard Mitigation Grant Program (HMGP)</b>                         | Grants to States and communities for planning and projects providing long-term hazard mitigation measures following a major disaster declaration                                                                                                                                                                                                                                                                                                                                                                                           | FEMA        | <a href="https://www.fema.gov/hazard-mitigation-grant-program">https://www.fema.gov/hazard-mitigation-grant-program</a>                                                                   |
| <b>Building Resilient Infrastructure and Communities (BRIC)</b>       | Supports states, local communities, tribes and territories to undertake hazard mitigation projects by reducing the risks they face from disasters and natural hazards. BRIC is a new FEMA pre-disaster hazard mitigation program that replaces the existing Pre-Disaster Mitigation (PDM) program.                                                                                                                                                                                                                                         | FEMA        | <a href="https://www.fema.gov/grants/mitigation/building-resilient-infrastructure-communities">https://www.fema.gov/grants/mitigation/building-resilient-infrastructure-communities</a>   |
| <b>Public Assistance: Hazard Mitigation Funding Under Section 406</b> | Hazard mitigation discretionary funding available under Section 406 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act following a Presidentially declared disaster                                                                                                                                                                                                                                                                                                                                                    | FEMA        | <a href="https://www.fema.gov/press-release/20220328/fema-hazard-mitigation-grants-404-and-406">https://www.fema.gov/press-release/20220328/fema-hazard-mitigation-grants-404-and-406</a> |
| <b>Assistance to Firefighters Grant Program</b>                       | The primary goal of the Assistance to Firefighters Grants (AFG) is to enhance the safety of the public and firefighters with respect to fire-related hazards by providing direct financial assistance to eligible fire departments, nonaffiliated Emergency Medical Services organizations, and State Fire Training Academies. This funding is for critically needed resources to equip and train emergency personnel to recognized standards, enhance operations efficiencies, foster interoperability, and support community resilience. | FEMA        | <a href="https://www.fema.gov/welcome-assistance-firefighters-grant-program">https://www.fema.gov/welcome-assistance-firefighters-grant-program</a>                                       |
| <b>High Hazard Potential Dams (HHPD) Rehabilitation Grant</b>         | The Rehabilitation of High Hazard Potential Dams Grant Program (HHPD) provides technical, planning, design, and construction assistance in the form of grants to non-Federal governmental organizations or nonprofit organizations for rehabilitation of eligible high hazard potential dams.                                                                                                                                                                                                                                              | FEMA        | <a href="https://www.grants.gov/web/grants/view-opportunity.html?oppld=316238">https://www.grants.gov/web/grants/view-opportunity.html?oppld=316238</a>                                   |



| Program                                                               | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Lead Agency                             | Website                                                                                                                                                                                         |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Fire Management Assistance Grant Program</b>                       | Assistance for the mitigation, management, and control of fires on publicly or privately-owned forests or grasslands that threaten such destruction as would constitute a major disaster. Provides a 75% Federal cost share and the State pay the remaining 25% for actual cost.                                                                                                                                                                               | FEMA                                    | <a href="https://www.fema.gov/fire-management-assistance-grant-program">https://www.fema.gov/fire-management-assistance-grant-program</a>                                                       |
| <b>Disaster Housing Program</b>                                       | Emergency assistance for housing, including minor repair of home to establish livable conditions, mortgage, and rental assistance                                                                                                                                                                                                                                                                                                                              | HUD                                     | <a href="https://www.hud.gov/program_offices/public_indian_housing/publications/dhap">https://www.hud.gov/program_offices/public_indian_housing/publications/dhap</a>                           |
| <b>HOME Investment Partnerships Program</b>                           | Grants to local and state government and consortia for permanent and transitional housing, (including financial support for property acquisition and rehabilitation for low-income persons)                                                                                                                                                                                                                                                                    | HUD                                     | <a href="https://www.hud.gov/program_offices/comm_planning/affordablehousing/programs/home/">https://www.hud.gov/program_offices/comm_planning/affordablehousing/programs/home/</a>             |
| <b>HUD Disaster Recovery Assistance</b>                               | Grants to fund gaps in available recovery assistance after disasters (including mitigation)                                                                                                                                                                                                                                                                                                                                                                    | HUD                                     | <a href="https://www.hud.gov/info/disasterresources">https://www.hud.gov/info/disasterresources</a>                                                                                             |
| <b>Section 108 Loan Guarantee</b>                                     | Enables states and local governments participating in the Community Development Block Grant (CDBG) program to obtain federally guaranteed loans for disaster-distressed areas                                                                                                                                                                                                                                                                                  | HUD                                     | <a href="https://www.hudexchange.info/programs/section-108/">https://www.hudexchange.info/programs/section-108/</a>                                                                             |
| <b>Smart Growth Implementation Assistance (SGIA) program</b>          | The SGIA program focuses on complex or cutting-edge issues, such as stormwater management, code revision, transit-oriented development, affordable housing, infill development, corridor planning, green building, and climate change. Applicants can submit proposals under 4 categories: community resilience to disasters, job creation, the role of manufactured homes in sustainable neighborhood design or medical and social service facilities siting. | EPA                                     | <a href="https://www.epa.gov/smartgrowth">https://www.epa.gov/smartgrowth</a>                                                                                                                   |
| <b>Partners for Fish and Wildlife</b>                                 | Financial and technical assistance to private landowners interested in pursuing restoration projects affecting wetlands and riparian habitats                                                                                                                                                                                                                                                                                                                  | U.S. Fish and Wildlife Service          | <a href="https://www.fws.gov/partners/">https://www.fws.gov/partners/</a>                                                                                                                       |
| <b>FHWA Emergency Relief Program</b>                                  | Fund for the repair or reconstruction of Federal-aid highways that have suffered serious damage as a result of (1) natural disasters or (2) catastrophic failures from an external cause                                                                                                                                                                                                                                                                       | U.S. Department of Transportation (DOT) | <a href="https://www.fhwa.dot.gov/programadmin/erelief.cfm">https://www.fhwa.dot.gov/programadmin/erelief.cfm</a>                                                                               |
| <b>Transportation Investment Generating Economic Recovery (TIGER)</b> | Investing in critical road, rail, transit, and port projects across the nation                                                                                                                                                                                                                                                                                                                                                                                 | U.S. DOT                                | <a href="https://www.transportation.gov/tags/tiger-grants">https://www.transportation.gov/tags/tiger-grants</a>                                                                                 |
| <b>Community Facilities Direct Loan &amp; Grant Program</b>           | This program provides affordable funding to develop essential community facilities in rural areas. An essential community facility is defined as a facility that provides an essential service to the local community for the orderly development of the community in a primarily rural area, and does not include private, commercial, or business undertakings.                                                                                              | USDA                                    | <a href="https://www.rd.usda.gov/programs-services/community-facilities-direct-loan-grant-program">https://www.rd.usda.gov/programs-services/community-facilities-direct-loan-grant-program</a> |





| Program                                                       | Description                                                                                                                                                                                                                                                                                                                                                                                            | Lead Agency                          | Website                                                                                                                                                                                                 |
|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Emergency Loan Program</b>                                 | USDA's Farm Service Agency (FSA) provides emergency loans to help producers recover from production and physical losses due to drought, flooding, other natural disasters, or quarantine                                                                                                                                                                                                               | USDA                                 | <a href="https://www.fsa.usda.gov/programs-and-services/farm-loan-programs/emergency-farm-loans/index">https://www.fsa.usda.gov/programs-and-services/farm-loan-programs/emergency-farm-loans/index</a> |
| <b>Emergency Watershed Protection (EWP) Program</b>           | Provide assistance to relieve imminent hazards to life and property caused by floods, fires, drought, windstorms, and other natural occurrences                                                                                                                                                                                                                                                        | NRCS                                 | <a href="https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/landscape/ewpp/">https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/landscape/ewpp/</a>                         |
| <b>Financial Assistance</b>                                   | Financial assistance to help plan and implement conservation practices that address natural resource concerns or opportunities to help save energy, improve soil, water, plant, air, animal and related resources on agricultural lands and non-industrial private forest land                                                                                                                         | NRCS                                 | <a href="https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/financial/">https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/financial/</a>                                   |
| <b>Emergency Management Performance Grants (EMPG) Program</b> | Assist local, tribal, territorial, and state governments in enhancing and sustaining all-hazards emergency management capabilities                                                                                                                                                                                                                                                                     | FEMA, U.S. DHS                       | <a href="https://www.fema.gov/emergency-management-performance-grant-program">https://www.fema.gov/emergency-management-performance-grant-program</a>                                                   |
| <b>Reimbursement for Firefighting on Federal Property</b>     | Provides reimbursement only for direct costs and losses over and above normal operating costs.                                                                                                                                                                                                                                                                                                         | U.S. DHS                             | <a href="https://www.usfa.fema.gov/grants/firefighting_federal_property.html">https://www.usfa.fema.gov/grants/firefighting_federal_property.html</a>                                                   |
| <b>Department of Homeland Security Grant Program (HSGP)</b>   | HSGP is composed of three interconnected grant programs including the State Homeland Security Program (SHSP), Urban Areas Security Initiative (UASI), and the Operation Stonegarden (OPSG). Together, these competitive grant programs fund a range of preparedness activities, including planning, organization, equipment purchase, training, exercises, and management and administration.          | U.S. DHS                             | <a href="https://www.dhs.gov/homeland-security-grant-program-hsgp">https://www.dhs.gov/homeland-security-grant-program-hsgp</a>                                                                         |
| <b>Land &amp; Water Conservation Fund</b>                     | Matching grants to states and local governments for the acquisition and development of public outdoor recreation areas and facilities (as well as funding for shared federal land acquisition and conservation strategies)                                                                                                                                                                             | National Park Service                | <a href="https://www.nps.gov/subjects/lwcf/index.htm">https://www.nps.gov/subjects/lwcf/index.htm</a>                                                                                                   |
| <b>Land and Water Conservation Fund</b>                       | Funding to states, local and conservation organizations for outdoor recreational development, renovation, land acquisition, and planning.                                                                                                                                                                                                                                                              | U.S. Department of the Interior      | <a href="https://www.doi.gov/lwcf">https://www.doi.gov/lwcf</a>                                                                                                                                         |
| <b>USSBA</b>                                                  | Small Business Administration (SBA) provides low-interest disaster loans to homeowners, renters, business of all sizes, and most private nonprofit organizations. SBA disaster loans can be used to repair or replace the following items damaged or destroyed in a declared disaster: real estate, personal property, machinery and equipment, and inventory and business assets.                     | Small Business Administration (SBA)  | <a href="https://www.sba.gov/funding-programs/disaster-assistance">https://www.sba.gov/funding-programs/disaster-assistance</a>                                                                         |
| <b>State</b>                                                  |                                                                                                                                                                                                                                                                                                                                                                                                        |                                      |                                                                                                                                                                                                         |
| <b>New Jersey Clean Energy Program (NJCEP)</b>                | NJCEP promotes increased energy efficiency and the use of clean, renewable sources of energy, including solar, wind, geothermal, and sustainable biomass. The results for New Jersey are a stronger economy, less pollution, lower costs, and reduced demand for electricity. NJCEP offers financial incentives, programs, and services for residential, commercial, and municipal customers. Refer to | New Jersey Board of Public Utilities | <a href="https://www.njcleanenergy.com/main/about-njcep/about-njcep">https://www.njcleanenergy.com/main/about-njcep/about-njcep</a>                                                                     |



| Program                              | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Lead Agency | Website                                                                                         |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------|
|                                      | <p><a href="https://www.njcleanenergy.com/main/about-njcep/about-njcep">https://www.njcleanenergy.com/main/about-njcep/about-njcep</a> for additional details on NJCEP.</p> <p>The program also offers a Community Energy Plan Grant for government entities (e.g., municipality, county, Green Team or environmental commission, or other Sustainable Jersey organization within a community or county). The grant will provide funding for an entity to create a Community Energy Master Plan to align local communities with the State Energy Master Plan.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |                                                                                                 |
| <b>NJDEP Grant and Loan Programs</b> | NJDEP offers a wide variety of funding opportunities for local governments and other types of organizations to fund numerous environmentally based projects involving mitigation of hazards such as flooding and wildfires. This includes funding for: air quality, energy, and sustainability; compliance and enforcement; engineering and construction; land use management; local government assistance; natural and historic resources; site remediation and waste management programs; and water resource management. Information on each of the programs can be found on the NJDEP website: <a href="https://www.nj.gov/dep/grantandloanprograms/">https://www.nj.gov/dep/grantandloanprograms/</a> .                                                                                                                                                                                                                                                                                                                                     | NJDEP       | <a href="https://dep.nj.gov/grantandloanprograms/">https://dep.nj.gov/grantandloanprograms/</a> |
| <b>Green Acres Program</b>           | Together with public and private partners, Green Acres has protected well over a million and a half acres of open space and provided hundreds of outdoor recreational facilities in communities around the State. Green Acres provides low interest (2 percent) loans and grants to municipal and county governments to acquire open space and develop outdoor recreation facilities. Green Acres also provides matching grants to nonprofit organizations to acquire land for public recreation and conservation purposes. Over the years, voters have authorized \$3.3 billion in Green Acres funding, approving every bond referendum put before them.                                                                                                                                                                                                                                                                                                                                                                                       | NJDEP       | <a href="https://dep.nj.gov/greenacres/">https://dep.nj.gov/greenacres/</a>                     |
| <b>Blue Acres Program</b>            | The Blue Acres Program purchases flood-prone properties. This land preservation program assists local government units and nonprofits in their efforts to increase and preserve permanent outdoor recreation areas for public use and enjoyment, and conservation areas for the protection of natural resources such as waterways, wildlife habitat, wetlands, forests, and view sheds. A secondary benefit of these laws and rules is that flood-prone properties are often purchased and not available for future development. Funding for Blue Acres is a combination of dedicated state funding from the cooperate business tax and federal grants. To date, the program has received five state funding appropriations from 2009-2019, ranging from \$3 million to \$12 million to effectuate buyouts in flood-prone areas. Most recently, the 3 Garden State Preservation Trust appropriation recommendation proposed Blue Acres receive an infusion of \$10.5 million (\$10 million for buyouts and \$500,000 for administrative costs). | NJDEP       | <a href="https://dep.nj.gov/blueacres/">https://dep.nj.gov/blueacres/</a>                       |



| Program                                                             | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Lead Agency                                                                                  | Website                                                                                                                                                                                               |
|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Open Space and Farmland Preservation Programs</b>                | Farmland and open space preservation programs are often funded partially through grants administered by the NJ State Agriculture Development Committee and the New Jersey Green Acres Program. The objective of these programs is to expand the existing county and municipal park systems. Many counties in New Jersey also support land preservation acquisition through open space funding.                                                                                                                                                                                                                                                                                                                                                         | Counties, NJ State Agriculture Development Committee, and the New Jersey Green Acres Program | <a href="https://www.nj.gov/agriculture/sadc/farmpreserve/">https://www.nj.gov/agriculture/sadc/farmpreserve/</a>                                                                                     |
| <b>New Jersey Water Bank (NJWB)</b>                                 | NJWB is a partnership between the NJDEP and the New Jersey Environmental Infrastructure Trust (NJEIT) to provide low-cost financing for the design, construction, and implementation of projects that help protect and improve water quality and help ensure safe and adequate drinking water.<br><br>The NJWB finances projects by utilizing two funding sources. The Trust issues revenue bonds which are used in combination with zero percent interest funds to provide very low-interest loans for water infrastructure improvements. The NJDEP administers a combination of Federal State Revolving Fund capitalization grants, as well as the State's matching funds, loan repayments, State appropriations, and interest earned on such funds. | NJDEP, NJEIT                                                                                 | <a href="https://dep.nj.gov/wiip/njwb-process/about-us/">https://dep.nj.gov/wiip/njwb-process/about-us/</a>                                                                                           |
| <b>NJDEP Dam Restoration and Inland Water Projects Loan Program</b> | The New Jersey Dam Restoration and Inland Water Projects Loan Program was established by the "Green Acres, Clean Water, Farmland and Historic Preservation Bond Act of 1992", P.L. 1992, c. 88. The purpose is to provide loans to dam owners for dam restoration or inland waters projects.                                                                                                                                                                                                                                                                                                                                                                                                                                                           | NJDEP Dam Safety Program                                                                     | <a href="https://dep.nj.gov/grantandloanprograms/dam-restoration-inland-water-projects-loan-program/">https://dep.nj.gov/grantandloanprograms/dam-restoration-inland-water-projects-loan-program/</a> |
| <b>Dam Restoration Loan Program</b>                                 | The New Jersey Dam Restoration Loan Program was established by the "Dam, Lake, Stream, Flood Control, Water Resources and Wastewater Treatment Project Bond Act of 2003", P.L. 2003, c. 162. The purpose is to provide loans to dam owners for dam restoration projects.                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | NJDEP Dam Safety Program                                                                     | <a href="https://dep.nj.gov/wlm/drec/dam-safety/dam-restoration-loan-program/">https://dep.nj.gov/wlm/drec/dam-safety/dam-restoration-loan-program/</a>                                               |
| <b>New Jersey Redevelopment Authority (NJRA)</b>                    | NJRA is an independent state financing authority committed exclusively to the redevelopment of New Jersey's urban areas. NJRA offers several financing resources, including site acquisition funding, predevelopment assistance, several development assistance resources, and technical assistance.                                                                                                                                                                                                                                                                                                                                                                                                                                                   | NJRA                                                                                         | <a href="https://www.njra.us/project-financing">https://www.njra.us/project-financing</a>                                                                                                             |
| <b>New Jersey Department of Community Affairs</b>                   | The New Jersey Department of Community Affairs (NJCA) is a state agency created to provide administrative guidance, financial support, and technical assistance to local governments, community development organizations, businesses, and individuals to improve the quality of life in New Jersey. NJCA offers a wide range of programs, funding, and services that respond to issues of public concern, including fire and building safety, housing production, community planning and development, and local government management and finance.                                                                                                                                                                                                    | NJCA                                                                                         | <a href="https://nj.gov/dca/dhcr/grants/index.shtml">https://nj.gov/dca/dhcr/grants/index.shtml</a>                                                                                                   |



| Program                                                             | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Lead Agency | Website                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                     | Among other funding sources, NJDCA administers CDBG funding and is typically the CDBG-Disaster Relief funding recipient for the State of New Jersey.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>New Jersey Board of Public Utilities (BPU)</b>                   | The New Jersey BPU works with private utility companies to provide analysis of natural hazard information affecting the provision of electric power, telecommunications, public water, sewage collection and treatment, and other regulated public utilities. The data are used during response and recovery efforts in the event of emergency or disaster and is also used to analyze impact of mitigation plans and projects. BPU also provides technical assistance for the Energy Resiliency Program                                                                                                                                                                                                                                     | BPU         | <a href="https://www.nj.gov/bpu/home/grants.html">https://www.nj.gov/bpu/home/grants.html</a>                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Environmental Infrastructure Financing Program</b>               | Qualified borrowers receive loans in two equal parts: Approximately one half to three quarters comes from a 0-percent interest State Revolving Fund maintained by the NJDEP. The other portion comes from proceeds of highly rated tax-exempt revenue bonds sold by the Trust. Combining these two funds results in a loan that is 50 to 75 percent lower than traditional loan rates.                                                                                                                                                                                                                                                                                                                                                       | NJDEP       | <a href="https://dep.nj.gov/wp-content/uploads/wiip/docs/iup-archives/cwf_overview.pdf#:~:text=It%20was%20created%20by%20the%20legislature%20to%20provide,acquisition%20and%20remedial%20action%20activities%20like%20brownfields%20restoration.">https://dep.nj.gov/wp-content/uploads/wiip/docs/iup-archives/cwf_overview.pdf#:~:text=It%20was%20created%20by%20the%20legislature%20to%20provide,acquisition%20and%20remedial%20action%20activities%20like%20brownfields%20restoration.</a> |
| <b>New Jersey Small Cities Communities Development Block Grants</b> | The New Jersey Small Cities Communities Development Block Grants provide funds for economic development, housing rehabilitation, community revitalization, and public facilities designated to benefit people with low and moderate incomes or to address recent local needs for which no other source of funding is available to non-entitlement counties and municipalities. Information on the program is available on the website: <a href="https://www.nj.gov/dca/divisions/dhcr/offices/neighborhood.html">https://www.nj.gov/dca/divisions/dhcr/offices/neighborhood.html</a> .                                                                                                                                                       | NJDCA       | <a href="https://www.nj.gov/dca/divisions/dhcr/offices/neighborhood.html">https://www.nj.gov/dca/divisions/dhcr/offices/neighborhood.html</a>                                                                                                                                                                                                                                                                                                                                                 |
| <b>New Jersey Conservation Foundation (NJCF)</b>                    | NJCF is a private, not-for-profit organization. Through acquisition and stewardship, NJCF protects strategic lands, promotes strong land use policies, and forges partnerships to achieve conservation goals. Grants are used to help fund preservation activities. Information on the program is available on the website: <a href="https://www.njconservation.org/what-we-do/">https://www.njconservation.org/what-we-do/</a> .                                                                                                                                                                                                                                                                                                            | NJCF        | <a href="https://www.njconservation.org/what-we-do/">https://www.njconservation.org/what-we-do/</a>                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>The New Jersey Infrastructure Bank</b>                           | The New Jersey Infrastructure Bank is an independent State Financing Authority responsible for providing and administering low interest rate loans to qualified municipalities, counties, regional authorities, and water purveyors in New Jersey. Two programs provide and administer low interest rate loans to qualified municipalities, counties, regional authorities, and water purveyors in New Jersey. Approximately \$350 million is awarded annually.<br>1. NJEIT for the purpose of financing water quality infrastructure projects that enhance ground and surface water resources, ensure the safety of drinking water supplies, protect the public health, and make possible responsible and sustainable economic development. | NJDEP       | <a href="https://www.njib.gov/">https://www.njib.gov/</a>                                                                                                                                                                                                                                                                                                                                                                                                                                     |





| Program                                                                                                                                                        | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Lead Agency                            | Website                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                | <p>2. The New Jersey Transportation Infrastructure Bank (NJTIB) is an independent State Financing Authority responsible for providing and administering low interest rate loans to qualified municipalities, counties, and regional authorities in New Jersey for the purpose of financing transportation quality infrastructure projects.</p> <p>The New Jersey Infrastructure Bank provides principal forgiveness opportunities and better financing packages for those projects that implement climate change resilience measures.</p> <p>Information on the program is available on the website: <a href="https://www.njib.gov/">https://www.njib.gov/</a>.</p>                                                                                                                                                                                                                                               |                                        |                                                                                                                             |
| <b>Drinking Water State Revolving Fund</b>                                                                                                                     | <p>The DWSRF program assists water systems in financing the cost of infrastructure through the use of federal and New Jersey Infrastructure Trust funds. Additionally, the Water Supply program provides operator licensing and training support as well as financial assistance through the DWSRF program. Information on the program is available on the website: <a href="https://www.state.nj.us/dep/watersupply/dws_loans.html">https://www.state.nj.us/dep/watersupply/dws_loans.html</a>.</p>                                                                                                                                                                                                                                                                                                                                                                                                              | NJDEP                                  | <a href="https://www.state.nj.us/dep/watersupply/dws_loans.html">https://www.state.nj.us/dep/watersupply/dws_loans.html</a> |
| <b>New Jersey Department of Transportation (NJDOT) Local Aid and Economic Development</b>                                                                      | <p>NJDOT is committed to advancing projects that enhance safety, renew the aging infrastructure and the State's economy, and support new transportation opportunities. The Transportation Trust Fund (TTF) provides the opportunity for State assistance to local governments for the funding of road, bridge, and other transportation projects. Annually, the TTF provides \$400 million in State Aid to municipalities and counties for local transportation improvements. In addition, several programs which provide funding to counties and municipalities are funded with federal monies available through the Transportation Equity Act for the 21st Century (TEA 21) legislation. Information on the program is available on the website: <a href="https://www.state.nj.us/transportation/business/localaid/funding.shtm">https://www.state.nj.us/transportation/business/localaid/funding.shtm</a>.</p> | NJDOT                                  | <a href="https://www.nj.gov/transportation/business/localaid/">https://www.nj.gov/transportation/business/localaid/</a>     |
| <b>Environmental Aid Act (N.J.S.A. 13:1H – 1 to 7) Office of Environmental Services Matching Grants Program for Local Environmental Agencies (N.J.A.C.7:5)</b> | <p>State aid may be granted by the department to a local environmental agency for any activity that the agency is authorized to perform by law and for the preparation of an environmental index. An environmental index shall be a report on environmental conditions within the locality and community objectives concerning open areas, parks, water supply, solid waste, wildlife protection, soil resources, air pollution, water pollution, and other related issues. The department may provide technical assistance in addition to (or in lieu of) State aid to any local environmental agency for the purpose indicated in this act. The purpose of the funding dedicated</p>                                                                                                                                                                                                                            | NJDEP Office of Environmental Services | <a href="https://www.nj.gov/dep/rules/proposals/041306.pdf">https://www.nj.gov/dep/rules/proposals/041306.pdf</a>           |



| Program                                                                                                                     | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Lead Agency | Website                                                                                                                                       |
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|                                                                                                                             | <p>under this act is to assist local environmental commissions and soil conservation districts with funding for a variety of local environmental projects, including community education projects; environmental resource inventories; beach monitoring and management projects; environmental trail designs; lake rehabilitation studies; stream and water quality testing; wellhead delineation; GIS mapping projects; National Environmental Performance Partnership System indicator projects; and surveys of threatened and endangered species. The maximum annual grant is \$2,500. Applicants must match at least 50 percent of the total cost of the project (NJDEP n.d.).</p> <p>Projects funded by this grant are reported online. Examples of mitigation projects that have been funded in the past include Waterways Beach Monitoring and Management Strategy, Dune Project, Beach Protection and Storm Drainage Plan, Beach Storm Water Drainage Analysis, Stream Corridor/Greenway Protection Plan, Shoreline Bioengineering Demonstration and Outreach Project, Stream, and the Pamphlet/Education Project.</p> |             |                                                                                                                                               |
| <b>Sewage Infrastructure Improvement Act Grants (N.J.A.C.7:22)</b>                                                          | <p>New Jersey Sewage Infrastructure Improvement Act establishes comprehensive requirements for NJDEP and municipalities/authorities to address combined sewer overflows and stormwater management.</p> <p>NJDEP issues permits and provides below-market interest rate loans through the Environmental Infrastructure Financing Program to municipalities for capital improvements that improve water quality. To prioritize wastewater projects under the Environmental Infrastructure Financing Program, projects are ranked to address higher State priorities or high-water quality problems or improvements.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | NJDEP       | <a href="https://dep.nj.gov/wp-content/uploads/rules/rules/njac7_22a.pdf">https://dep.nj.gov/wp-content/uploads/rules/rules/njac7_22a.pdf</a> |
| <b>Water Pollution Control Quality Act (N.J.S.A. 58:10A-1 to 60) Water Quality Management Planning Rules (N.J.A.C.7:15)</b> | <p>This Act phased out the Construction Grants Program and required states to establish a State Revolving Fund Loan Program. The last year in which construction grants were made available for new projects in New Jersey was 1989. Grant awards are available currently to cover increased allowable costs for projects that previously received a construction grant. The rules serve two basic functions: (1) to establish the Department's general regulatory framework for water quality planning and (2) to supplement other Department rules pertaining to wastewater management.</p> <p>This Act is implemented through a number of regulations and programs throughout NJDEP, including but not limited to Freshwater Wetlands Protection Act (NJAC 7:7A), Stormwater Management (NJAC 7:8), Water Pollution Control (NJAC 7:9), Surface Water Quality Standards (NJAC 7:9B), Safe Drinking Water Act</p>                                                                                                                                                                                                            | NJDEP       | <a href="https://www.nj.gov/dep/landuse/download/58_10a.pdf">https://www.nj.gov/dep/landuse/download/58_10a.pdf</a>                           |



| Program                                                                                                                                                                      | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Lead Agency                   | Website                                                                                                                                                                                         |
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|                                                                                                                                                                              | (NJAC 7:10), Flood Hazard Control Act (NJAC 7:13), Pollutant Discharge Elimination System (NJAC 7:14A), and Water Quality Management (NJAC 7:15). Through these rules, NJDEP regulates development location and intensity of uses, protects floodplain capacity and riparian buffers, funds restoration of lakes and streams, and funds infrastructure improvements that primarily provide environmental health. Secondly, the rules allow NJDEP to provide mitigation in the form of reduced losses due to infrastructure failure. Wastewater Management Plans (WMP) are integral components of area-wide Water Quality Management Plans. WMPs are the vehicle through which the continuing planning process integrates local and regional planning into the area-wide Water Quality Management Plans.                                                                                                                                                                                                                                                                                                                                        |                               |                                                                                                                                                                                                 |
| <b>New Jersey Department of Environmental Protection: WRM, Municipal Finance and Construction Element New Jersey Environmental Infrastructure Financing Program (NJEIFP)</b> | NJEIFP is a revolving loan program for the construction of drinking water facilities, wastewater treatment facilities, sludge management systems, combined sewer overflow abatement, stormwater, and other non-point source management projects. The program also offers funding to publicly and privately-owned drinking water systems for the construction or upgrade of drinking water facilities, transmission and distribution systems, storage facilities, and source development. NJEIFP also offers a disaster relief fund that will be able to provide short-term or bridge loans to entities that are in need of an upfront cash flow (NJDEP 2017).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | NJDEP                         | <a href="https://dep.nj.gov/wp-content/uploads/wiip/ff2023-sfy2024-final-dwsrf-iup-12-20-2023.pdf">https://dep.nj.gov/wp-content/uploads/wiip/ff2023-sfy2024-final-dwsrf-iup-12-20-2023.pdf</a> |
| <b>New Jersey Turnpike Authority: Capital Program</b>                                                                                                                        | The New Jersey Turnpike Authority (Authority) is dedicated to the safe and efficient movement of people and goods over two of the busiest toll roads in the United States – the New Jersey Turnpike (NJTP) and the Garden State Parkway (GSP). The Authority’s highways are a critical link in the transportation network of the Northeast Corridor. Under the current 10-year, \$7 billion capital program adopted in 2008, the Authority has expanded capacity, repaired deteriorating bridges, reconfigured entrance and exit ramps, improved maintenance yards and toll plazas, and expanded the use of technology for collecting and communicating information about roadway conditions. Under this capital program, the following projects have been advanced addressing hazard mitigation: Bridge Security Program, Forest Fire Prevention, Roadside Weather Information System (RWIS), Coastal Evacuation.<br><br>Through the Asset Management Program, the Turnpike Authority invests approximately \$50 million annually on drainage-related projects to better equip the Authority’s roadways in response to major rainfall events. | New Jersey Turnpike Authority | <a href="https://www.nj.gov/transportation/capital/cpd/">https://www.nj.gov/transportation/capital/cpd/</a>                                                                                     |
| <b>New Jersey Department of Transportation</b>                                                                                                                               | NJDOT is committed to advancing transportation projects that enhance safety, renew aging infrastructure, and support new transportation opportunities at the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | NJDOT                         | <a href="https://www.nj.gov/transportation/business/localaid/">https://www.nj.gov/transportation/business/localaid/</a>                                                                         |



| Program                                             | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Lead Agency | Website                                                                       |
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| <b>(NJDOT): Local Aid and Economic Development</b>  | county and municipal level. The Transportation Trust Fund and the Safe, Accountable, Flexible, Efficient Transportation Equity Act (SAFE-TEA) legislation provide the opportunity for funding assistance to local governments for road, bridge, and other transportation projects. NJDOT has established several local aid programs that provide financial support to counties and municipalities for capital improvements to transportation infrastructure. |             |                                                                               |
| <b>Coastal Engineering and Restoration Projects</b> | Funding for coastal engineering and restoration projects is available from a variety of state funding sources, including: <ul style="list-style-type: none"><li>• Coastal Engineering</li><li>• Coastal and Land Use Enforcement</li><li>• Dam Safety</li><li>• Flood Control</li><li>• Land Resource Protection</li><li>• Resilience Engineering and Construction</li><li>• Tidelands</li></ul>                                                             | NJDEP       | <a href="https://dep.nj.gov/wlm/drec/ce/">https://dep.nj.gov/wlm/drec/ce/</a> |

## E.2.3 Mitigation Catalog

The table below provides a list of potential personal, corporate, and government scale mitigation actions for each of the identified natural hazards in the Burlington County HMP. Please note that this table is not intended to be a comprehensive list, but rather a starting point to help identify potential actions for participating jurisdictions. This catalog of potential actions was provided to participating jurisdictions at the Mitigation Strategy Workshop.

Table E-7. Burlington County Mitigation Catalog

| Dam Failure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Corporate Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Government Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <ul style="list-style-type: none"><li>• <b>Manipulate the hazard:</b><ul style="list-style-type: none"><li>○ None</li></ul></li><li>• <b>Reduce exposure to the hazard:</b><ul style="list-style-type: none"><li>○ Relocate out of dam failure inundation areas</li></ul></li><li>• <b>Reduce vulnerability to the hazard:</b><ul style="list-style-type: none"><li>○ Elevate home to appropriate levels</li></ul></li><li>• <b>Increase Capability:</b><ul style="list-style-type: none"><li>○ Learn about risk reduction for the dam failure hazard</li></ul></li></ul> | <ul style="list-style-type: none"><li>• <b>Manipulate the hazard:</b><ul style="list-style-type: none"><li>○ Remove dams</li><li>○ Harden dams</li></ul></li><li>• <b>Reduce exposure to the hazard:</b><ul style="list-style-type: none"><li>○ Replace earthen dams with hardened structures</li></ul></li><li>• <b>Reduce vulnerability to the hazard:</b><ul style="list-style-type: none"><li>○ Floodproof facilities within dam failure inundation areas</li></ul></li><li>• <b>Increase Capability:</b></li></ul> | <ul style="list-style-type: none"><li>• <b>Manipulate the hazard:</b><ul style="list-style-type: none"><li>○ Remove dams</li><li>○ Harden dams</li></ul></li><li>• <b>Reduce exposure to the hazard:</b><ul style="list-style-type: none"><li>○ Replace earthen dams with hardened structures</li><li>○ Relocate critical facilities out of dam failure inundation areas</li><li>○ Consider open space land use in designated dam failure inundations areas</li></ul></li></ul> |





| <ul style="list-style-type: none"> <li>○ Learn the evacuation routes for a dam failure event</li> <li>○ Educate yourself on early warning systems and the dissemination of warnings</li> </ul>                                                                                                                                                                                                                                                                                                                                                              | <ul style="list-style-type: none"> <li>○ Educate employees on the probable impacts of a dam failure</li> <li>○ Develop a continuity of operations plan</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <ul style="list-style-type: none"> <li>● <b>Reduce vulnerability to the hazard:</b> <ul style="list-style-type: none"> <li>○ Adopt higher floodplain standards in mapped dam failure inundation areas</li> <li>○ Retrofit critical facilities within dam failure inundation areas</li> </ul> </li> <li>● <b>Increase Capability:</b> <ul style="list-style-type: none"> <li>○ Map dam failure inundation areas</li> <li>○ Enhance emergency operations plans to include a dam failure component</li> <li>○ Institute monthly communications checks with dam operators</li> <li>○ Inform the public on risk reduction techniques</li> <li>○ Adopt real-estate disclosure requirements for the re-sale of property located within dam failure inundation areas</li> <li>○ Consider the probable impacts of climate change in assessing the risk associated with the dam failure hazard</li> <li>○ Establish early warning capability downstream of listed high-hazard dams</li> </ul> </li> </ul> <p>Consider the residual risk associated with protection provided by dams in future land use decisions</p> |
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| Disease Outbreak                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Personal Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Corporate Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Government Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <ul style="list-style-type: none"> <li>● <b>Manipulate the Hazard:</b> <ul style="list-style-type: none"> <li>○ None</li> </ul> </li> <li>● <b>Reduce exposure to the hazard:</b> <ul style="list-style-type: none"> <li>○ Proper hygiene</li> <li>○ PPE</li> <li>○ Social distancing</li> </ul> </li> <li>● <b>Reduce vulnerability to the hazard:</b> <ul style="list-style-type: none"> <li>○ Focus on personal health</li> </ul> </li> <li>● <b>Increase Capability:</b> <ul style="list-style-type: none"> <li>○ Storage of PPE</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>● <b>Manipulate the Hazard:</b> <ul style="list-style-type: none"> <li>○ None</li> </ul> </li> <li>● <b>Reduce exposure to the hazard:</b> <ul style="list-style-type: none"> <li>○ PPE</li> <li>○ Social distancing</li> </ul> </li> <li>● <b>Reduce vulnerability to the hazard:</b> <ul style="list-style-type: none"> <li>○ Distanced work environment</li> <li>○ Regular cleaning of work environment</li> </ul> </li> <li>● <b>Increase Capability:</b> <ul style="list-style-type: none"> <li>○ Storage of PPE</li> <li>○ Equipment for monitoring</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>● <b>Manipulate the Hazard:</b> <ul style="list-style-type: none"> <li>○ None</li> </ul> </li> <li>● <b>Reduce exposure to the hazard:</b> <ul style="list-style-type: none"> <li>○ PPE</li> <li>○ Social distancing</li> </ul> </li> <li>● <b>Reduce vulnerability to the hazard:</b> <ul style="list-style-type: none"> <li>○ Distanced work environment</li> <li>○ Regular cleaning of work environment</li> </ul> </li> <li>● <b>Increase Capability:</b> <ul style="list-style-type: none"> <li>○ Storage of PPE</li> <li>○ Equipment for monitoring/treatment</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |



| Storage of supplies and food to reduce need to enter public spaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Trainings for staff                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <ul style="list-style-type: none"> <li>Trainings for staff</li> <li>Public outreach</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| Drought                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Personal Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Corporate Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Government Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <ul style="list-style-type: none"> <li><b>Manipulate the Hazard:</b> <ul style="list-style-type: none"> <li>None</li> </ul> </li> <li><b>Reduce exposure to the hazard:</b> <ul style="list-style-type: none"> <li>Consider stored water/captured water techniques during dry seasons.</li> <li>Establishing an irrigation time/scheduling program or process so that all agricultural land gets the required amount of water. Through incremental timing, each area is irrigated at different times so that all water is not consumed at the same time. Spacing usage may also help with recharge of groundwater.</li> </ul> </li> <li><b>Reduce vulnerability to the hazard:</b> <ul style="list-style-type: none"> <li>Drought resistant landscapes</li> <li>Reduce water system losses</li> <li>Regularly check for leaks to minimize water supply losses</li> <li>Install low-flow water saving showerheads and toilets</li> <li>Turn water flow off while brushing teeth or during other cleaning activities</li> <li>Adjust sprinklers to water the lawn and not the sidewalk or street.</li> <li>Run the dishwasher and washing machine only when they are full.</li> <li>Check for leaks in plumping or dripping faucets.</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li><b>Manipulate the Hazard:</b> <ul style="list-style-type: none"> <li>None</li> </ul> </li> <li><b>Reduce exposure to the hazard:</b> <ul style="list-style-type: none"> <li>Consider stored water/captured water techniques during dry seasons.</li> </ul> </li> <li><b>Reduce vulnerability to the hazard:</b> <ul style="list-style-type: none"> <li>Drought resistant landscapes</li> <li>Reduce private water system losses</li> <li>Identify alternate water supply sources.</li> <li>Install low-flow water saving showerheads and toilets</li> <li>Adjust sprinklers to water the lawn and not the sidewalk or street.</li> </ul> </li> <li><b>Increase Capability:</b> <ul style="list-style-type: none"> <li>Practice active water conservation</li> <li>Develop a COOP</li> <li>Create a water conservation plan.</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li><b>Manipulate the Hazard:</b> <ul style="list-style-type: none"> <li>Ground Water Recharge through stormwater management</li> <li>Implement cloud seeding techniques during dry seasons.</li> </ul> </li> <li><b>Reduce exposure to the hazard:</b> <ul style="list-style-type: none"> <li>Identify and create ground water back up sources.</li> <li>Create /identify new impounded water supply points.</li> <li>Developing new or upgrading existing water delivery systems to eliminate breaks and leaks.</li> </ul> </li> <li><b>Reduce vulnerability to the hazard:</b> <ul style="list-style-type: none"> <li>Water use conflict regulations</li> <li>Reduce water system losses</li> <li>Distribute water saving kits</li> <li>Identify sites ideally suited for ground water recharge.</li> <li>Implement stormwater retention in regions ideally suited for groundwater recharges.</li> <li>Utilize drought resistant landscapes on community owned facilities.</li> <li>Encourage citizens to take water-saving measures</li> </ul> </li> <li><b>Increase Capability:</b> <ul style="list-style-type: none"> <li>Public education on drought resistance</li> <li>Identify alternative water supplies for time of drought. Mutual aid agreements with alternative suppliers.</li> </ul> </li> </ul> |



| <ul style="list-style-type: none"> <li>○ Install rain-capturing devices for irrigation.</li> <li>○ Install graywater systems in homes to encourage water reuse.</li> <li>○ Rotate crops by growing a series of different types of crops on the same fields every season to reduce soil erosion.</li> <li>○ Planting "cover crops," such as oats, wheat, and buckwheat, to prevent soil erosion.</li> <li>• <b>Increase Capability:</b> <ul style="list-style-type: none"> <li>○ Practice active water conservation techniques.</li> <li>○ Seek ways to operate wells in such a way to enhance their functional longevity and supply capability.</li> </ul> </li> </ul> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <ul style="list-style-type: none"> <li>○ Develop a drought contingency plan</li> <li>○ Develop criteria-"triggers" for drought related actions</li> <li>○ Improve accuracy of water supply forecasts</li> <li>○ Provide incentives to influence active water conservation techniques such as water user rate reductions.</li> <li>○ Consider providing incentives to property owners that utilize drought resistant landscapes in the design of their homes.</li> <li>○ Use of water buffalo tankers</li> <li>○ Promote well usage techniques that strive to enhance functional longevity and supply capability of private water supply wells.</li> <li>○ Develop an ordinance to restrict the use of public water resources for non-essential usage, such as landscaping, washing cars, filling swimming pools, etc.</li> </ul> |
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| Earthquake                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| <ul style="list-style-type: none"> <li>• <b>Manipulate the Hazard:</b> <ul style="list-style-type: none"> <li>○ None</li> </ul> </li> <li>• <b>Reduce exposure to the hazard:</b> <ul style="list-style-type: none"> <li>○ Locate outside of hazard area (off soft soils)</li> </ul> </li> <li>• <b>Reduce vulnerability to the hazard:</b> <ul style="list-style-type: none"> <li>○ Retrofit structure (anchor house structure to foundation)</li> <li>○ Secure household items that can cause injury or damage such as water heaters, bookcases, and other appliances</li> <li>○ Build to higher design standards</li> </ul> </li> </ul>                             | <ul style="list-style-type: none"> <li>• <b>Manipulate the Hazard:</b> <ul style="list-style-type: none"> <li>○ None</li> </ul> </li> <li>• <b>Reduce exposure to the hazard:</b> <ul style="list-style-type: none"> <li>○ Locate/relocate mission critical functions outside hazard area where possible.</li> </ul> </li> <li>• <b>Reduce vulnerability to the hazard:</b> <ul style="list-style-type: none"> <li>○ Build redundancy for critical functions/facilities</li> <li>○ Retrofit critical buildings/areas housing mission critical functions.</li> </ul> </li> <li>• <b>Increase Capability:</b> <ul style="list-style-type: none"> <li>○ Adopt higher standard for new construction -- Consider "performance-</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• <b>Manipulate the Hazard:</b> <ul style="list-style-type: none"> <li>○ None</li> </ul> </li> <li>• <b>Reduce exposure to the hazard:</b> <ul style="list-style-type: none"> <li>○ Locate critical facilities or functions outside of hazard area where possible.</li> </ul> </li> <li>• <b>Reduce vulnerability to the hazard:</b> <ul style="list-style-type: none"> <li>○ Harden infrastructure</li> <li>○ Provide redundancy for critical functions</li> <li>○ Adopt higher regulatory standards for structures</li> <li>○ Conduct "rapid screening" programs for critical facilities to identify facilities that may be particularly prone to EQ damage,</li> </ul> </li> </ul>                                                                                                     |



| <ul style="list-style-type: none"><li>• <b>Increase Capability:</b><ul style="list-style-type: none"><li>○ Practice "drop, cover and hold"</li><li>○ Develop household mitigation plan, such as creating a retrofit savings account, communication capability with outside, 72 hr. self-sufficiency during an event</li><li>○ Increase capability by having cash reserves for reconstruction</li><li>○ Become informed on the hazard and risk reduction alternatives available.</li><li>○ Develop a post-disaster action plan for your household.</li></ul></li></ul> | <p>based design' when building new structures</p> <ul style="list-style-type: none"><li>○ Increase capability by having cash reserves for reconstruction</li><li>○ Inform your employees on the possible impacts of earthquake and how to deal with them at your work facility.</li><li>○ Develop a Continuity of Operations Plan (COOP)</li></ul> | <p>then develop investigation/action plans to address such structures</p> <ul style="list-style-type: none"><li>• <b>Increase Capability:</b><ul style="list-style-type: none"><li>○ Provide better hazard maps</li><li>○ Provide technical information and guidance</li><li>○ Enact tools to help manage development in hazard areas: tax incentives, information</li><li>○ Include retrofitting/replacement of critical system elements in CIP</li><li>○ Develop strategy to take advantage of post disaster opportunities</li><li>○ Warehouse critical infrastructure components such as pipe, power line, and road repair material.</li><li>○ Develop and adopt a Continuity of Operations / Continuity of Government Plan (COOP/COG)</li><li>○ Initiate triggers guiding improvements such as: (&lt; 50% substantial damage/improvements)</li><li>○ Further enhance seismic risk assessment to target high hazard buildings for mitigation opportunities.</li><li>○ Develop a post disaster action plan that includes a grant funding and debris removal components.</li><li>○ Utilize warning systems</li><li>○ Educate builders and developers on seismic construction standards</li></ul></li></ul> |
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| Extreme Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| <ul style="list-style-type: none"><li>• <b>Manipulate the Hazard:</b><ul style="list-style-type: none"><li>○ Increase tree plantings</li></ul></li></ul>                                                                                                                                                                                                                                                                                                                                                                                                              | <ul style="list-style-type: none"><li>• <b>Manipulate the Hazard:</b><ul style="list-style-type: none"><li>○ Increase tree plantings</li></ul></li></ul>                                                                                                                                                                                           | <ul style="list-style-type: none"><li>• <b>Manipulate the Hazard:</b><ul style="list-style-type: none"><li>○ Increase tree plantings</li></ul></li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |





| <ul style="list-style-type: none"> <li>○ Installation of green roofs to provide shade and remove heat</li> <li>○ Use cool roofing products that reflect sunlight and heat away from a building</li> <li>• <b>Reduce exposure to the hazard:</b> <ul style="list-style-type: none"> <li>○ None</li> </ul> </li> <li>• <b>Reduce vulnerability to the hazard:</b> <ul style="list-style-type: none"> <li>○ Retrofit pipes including locating water pipes on the inside of building insulation or keeping them out of vulnerable spaces to extreme cold</li> </ul> </li> <li>• <b>Increase Capability:</b> <ul style="list-style-type: none"> <li>○ None</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>○ Installation of green roofs to provide shade and remove heat</li> <li>○ Use cool roofing products that reflect sunlight and heat away from a building</li> <li>• <b>Reduce exposure to the hazard:</b> <ul style="list-style-type: none"> <li>○ None</li> </ul> </li> <li>• <b>Reduce vulnerability to the hazard:</b> <ul style="list-style-type: none"> <li>○ Retrofit pipes including locating water pipes on the inside of building insulation or keeping them out of vulnerable spaces to extreme cold</li> </ul> </li> <li>• <b>Increase Capability:</b> <ul style="list-style-type: none"> <li>○ Set rules restricting outdoor work during extreme temperature events</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>○ Encourage installation of green roofs to provide shade and remove heat</li> <li>○ Encourage the use of cool roofing products that reflect sunlight and heat away from a building</li> <li>• <b>Reduce exposure to the hazard:</b> <ul style="list-style-type: none"> <li>○ None</li> </ul> </li> <li>• <b>Reduce vulnerability to the hazard:</b> <ul style="list-style-type: none"> <li>○ Require minimum temperatures in housing/landlord codes</li> </ul> </li> <li>• <b>Increase Capability:</b> <ul style="list-style-type: none"> <li>○ Educate citizens regarding the dangers of extreme heat and cold and the steps they can take to protect themselves when extreme temperatures occur</li> <li>○ Establish warming and cooling centers</li> <li>○ Establish extreme temperature planning in emergency operation plans</li> <li>○ Create a database to track those individuals at high risk of death such as the elderly, homeless, etc.</li> </ul> </li> </ul> |
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| Flood                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| <ul style="list-style-type: none"> <li>• <b>Manipulate the Hazard:</b> <ul style="list-style-type: none"> <li>○ Clear stormwater drains and culverts</li> </ul> </li> <li>• <b>Reduce exposure to the hazard:</b> <ul style="list-style-type: none"> <li>○ Locate or re-locate outside of hazard area</li> <li>○ Institute low impact development techniques on property</li> </ul> </li> <li>• <b>Reduce vulnerability to the hazard:</b> <ul style="list-style-type: none"> <li>○ Retrofit existing structures and utilities above Base Flood Elevation (BFE)</li> <li>○ Floodproof existing structures (wet- or dry floodproofing).</li> </ul> </li> </ul>                | <ul style="list-style-type: none"> <li>• <b>Manipulate the Hazard:</b> <ul style="list-style-type: none"> <li>○ Clear stormwater drains and culverts</li> </ul> </li> <li>• <b>Reduce exposure to the hazard:</b> <ul style="list-style-type: none"> <li>○ Locate business critical facilities or functions outside hazard area</li> <li>○ Institute low impact development techniques on property</li> </ul> </li> <li>• <b>Reduce vulnerability to the hazard:</b> <ul style="list-style-type: none"> <li>○ Build redundancy for critical functions/ retrofit critical buildings.</li> </ul> </li> </ul>                                                                                                                                   | <ul style="list-style-type: none"> <li>• <b>Manipulate the Hazard:</b> <ul style="list-style-type: none"> <li>○ Clear stormwater drains and culverts</li> <li>○ Dredging, levee construction, providing retention areas...</li> <li>○ Structural flood control: levee's, dams, channelization, revetments.</li> <li>○ Construct regional stormwater control facilities</li> <li>○ Lead and develop a county-wide stream clearing strategy including the development of thresholds for response/action.</li> </ul> </li> <li>• <b>Reduce exposure to the hazard:</b></li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                    |



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| <ul style="list-style-type: none"><li>○ Store hazardous materials above BFE or outside of floodprone areas</li><li>● <b>Increase Capability:</b><ul style="list-style-type: none"><li>○ Develop household mitigation plan, such as retrofit savings, communication capability with outside, 72-hr. self-sufficiency during and after an event</li><li>○ Buy flood insurance</li></ul></li></ul> | <ul style="list-style-type: none"><li>○ Provide flood-proofing measures when new critical infrastructure must be located in floodplains.</li><li>○ Harden structures and infrastructure (wet and dry-floodproofing)</li><li>○ Store hazardous materials above BFE or outside of floodprone areas</li><li>● <b>Increase Capability</b><ul style="list-style-type: none"><li>○ Increase capability by having cash reserves for reconstruction</li><li>○ Develop and adopt a Continuity of Operations Plan (COOP)</li><li>○ Solicit 'cost-sharing' through partnerships with private sector stakeholders on projects with multiple benefits.</li><li>○ Dam owner/operators should continue to be aware of and understand dam inspection and reporting requirements.</li><li>○ Ensure that all dam EAP's are kept in compliance with State Regulations.</li></ul></li></ul> | <ul style="list-style-type: none"><li>○ Locate/re-locate critical facilities outside of hazard area</li><li>○ Acquire or relocate identified repetitive loss properties.</li><li>○ Promote open space uses in identified high hazard areas via techniques such as: PUD's, easements, setbacks, greenways, sensitive area tracks.</li><li>○ Adopt land development criteria such as PUD's, Density transfers, clustering</li><li>○ Institute low impact development techniques on property</li><li>○ Acquire vacant land or promote open space uses in developing watersheds to control increases in runoff</li><li>○ Pass an ordinance to incorporate additional zoning classifications into flood zones within each municipality.</li><li>○ Increase floodplain standards within municipal ordinances and include provisions for enforcing best practice standards</li><li>○ Consider increasing minimum freeboard beyond 1' freeboard state requirement</li><li>○ Continue development application reviews by County Planning Board to reduce risky development practices.</li><li>● <b>Reduce vulnerability to the hazard:</b><ul style="list-style-type: none"><li>○ Harden structures and infrastructure (wet and dry-floodproofing)</li><li>○ Provide redundancy for critical functions and infrastructure</li><li>○ Adopt appropriate regulatory standards such as cumulative substantial improvement/damage, freeboard, lower substantial damage threshold, compensatory storage.</li><li>○ Stormwater management regulations and master planning.</li></ul></li></ul> |
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|  | <ul style="list-style-type: none"><li>○ Adopt "no-adverse impact" floodplain management policies that strive to not increase the flood risk on down-stream communities.</li><li>○ Participate in the Community Rating System (CRS)</li><li>○ Implement as-built regulatory requirements</li><li>○ Implement site review ordinances/requirements</li><li>○ Establish stream maintenance programs with stakeholders (e.g. Soil and Water Conservation District) - support county leads of such efforts</li><li>○ Incorporate retrofitting/replacement of critical facilities and infrastructure in Capital Improvement Plans (CIPs)</li><li>○ Promote the use of vegetation/plants as green erosion control measures to reduce localized flooding.</li><li>○ Work with environmental groups to address removal of debris, log jams, etc. in flood vulnerable stream sections</li><li>● <b>Increase Capability</b><ul style="list-style-type: none"><li>○ Produce better hazard maps, and improve access to flood hazard mapping</li><li>○ Capture/survey "high-water" marks during flood events.</li><li>○ Provide technical information and guidance on appropriate mitigation options available to businesses and homeowners</li><li>○ Enact tools to help manage development in hazard areas (stronger controls, tax incentives, information)</li><li>○ Establish an additional layer of zoning within flood hazard areas</li><li>○ Develop strategy to take advantage of post disaster opportunities</li><li>○ Improve compliance with and enforcement of the NFIP</li><li>○ Develop mitigation partnerships with regional stakeholders</li></ul></li></ul> |
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|  | <ul style="list-style-type: none"><li>○ Join Community Rating System (CRS) program, or improve level of participation in CRS</li><li>○ Develop and implement a public information strategy for flood hazard awareness, flood insurance (NFIP) and mitigation</li><li>○ Maintain existing data as well as gather new data needed to define risks and vulnerability.</li><li>○ Create a building and elevation inventory of structures in the floodplain</li><li>○ Identify flood prone areas that may be in need of new flood studies</li><li>○ Establish a program to identify and educate owners of flood-prone properties of potential mitigation options (e.g. elevations, relocations)</li><li>○ Charge a hazard mitigation fee on all new permits to create a hazard mitigation funding source for initiatives or grant cost share requirements.</li><li>○ Integrate floodplain management policies into other planning mechanisms within the planning area.</li><li>○ Establish a Stormwater Utility to deal with urban drainage/flooding issues</li><li>○ Establish incentives to promote flood hazard mitigation of private property (e.g. permit fee waivers).</li><li>○ Adopt ordinances/standards for cumulative damages and/or improvements</li><li>○ Upgrade NFIP Floodplain ordinance, as well as other ordinances to current or above current state and federal standards.</li><li>○ Develop and adopt a COOP</li><li>○ Join "Storm Ready" Program</li><li>○ Participate in county and regional training programs</li><li>○ Provide additional training/certification to NFIP floodplain administrators and code officials.</li></ul> |
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|                |  | <ul style="list-style-type: none"><li>○ Implement annual training to account for turnover of municipal officials.</li><li>○ Maintain and enhance flood forecasting ability, including the establishment and maintenance of critical stream gages</li><li>○ Explore grant funding opportunities and potential partnerships to help maintain existing gages and install additional gages to improve forecasting and flood warning ability.</li><li>○ Promote awareness and participation in alert systems</li><li>○ Support and participate in regional flood management efforts</li><li>○ Support and implement hazard disclosure for the sale/re-sale of property in identified risk zones.</li><li>○ Provide continued and enhanced training for emergency responders</li><li>○ Establish a revolving "bank" or budget line item to fund grant application support</li><li>○ Continue to review updated Flood Insurance Rate Maps to ensure accuracy as well as maintaining lines of communication with homeowners to make them aware of potential changes related to their property status.</li><li>○ Provide trainings for FPA's on the NFIP/Floodplain Best Practices and also pursue CFM accreditation for municipal FPA's.</li><li>○ Build and maintain relationships to develop regional watershed/floodplain mitigation solutions.</li><li>○ Pursue grant funding opportunities to fund repairs of catchments and infrastructure on a proactive basis.</li><li>○ Explore grant funding opportunities related to climate change to fund mitigation projects.</li></ul> |
| Severe Weather |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |



| Personal Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Corporate Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Government Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• <b>Manipulate the Hazard:</b> <ul style="list-style-type: none"> <li>○ None</li> </ul> </li> <li>• <b>Reduce exposure to the hazard:</b> <ul style="list-style-type: none"> <li>○ None</li> </ul> </li> <li>• <b>Reduce vulnerability to the hazard:</b> <ul style="list-style-type: none"> <li>○ <b>Retrofit structures (improved roofing, glazing, insulation, etc.)</b></li> <li>○ <b>Provide for redundant heat and power</b></li> <li>○ <b>Contact municipality or utilities to trim or remove trees that could affect power lines</b></li> <li>○ <b>Plant appropriate trees near home and power lines ("Right tree, right place" National Arbor Day Foundation Program.</b></li> </ul> </li> <li>• <b>Increase Capability:</b> <ul style="list-style-type: none"> <li>○ <b>Improve awareness of impending severe weather (e.g. obtain a NOAA weather radio)</b></li> <li>○ <b>Promote 72-hour self-sufficiency</b></li> <li>○ <b>Provide for redundant heat and power</b></li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• <b>Manipulate the Hazard:</b> <ul style="list-style-type: none"> <li>○ None</li> </ul> </li> <li>• <b>Reduce exposure to the hazard:</b> <ul style="list-style-type: none"> <li>○ None</li> </ul> </li> <li>• <b>Reduce vulnerability to the hazard:</b> <ul style="list-style-type: none"> <li>○ Relocate critical infrastructure, such as power lines, underground</li> <li>○ Reinforce or relocate critical infrastructure such as powerlines so that it meets performance expectations.</li> </ul> </li> <li>• <b>Increase Capability:</b> <ul style="list-style-type: none"> <li>○ Contact municipality or utilities to trim or remove trees that could affect power lines</li> <li>○ Create redundancy (e.g. backup generators)</li> <li>○ Improve awareness of impending severe weather (e.g. obtain a NOAA weather radio)</li> <li>○ Develop a Continuity of Operations Plan (COOP)</li> <li>○ Monitor impending storm events so that you can release employees in such a manner as to not negatively impact emergency response personnel/services.</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• <b>Manipulate the Hazard:</b> <ul style="list-style-type: none"> <li>○ None</li> </ul> </li> <li>• <b>Reduce exposure to the hazard:</b> <ul style="list-style-type: none"> <li>○ None</li> </ul> </li> <li>• <b>Reduce vulnerability to the hazard:</b> <ul style="list-style-type: none"> <li>○ Harden infrastructure such as locating utilities underground.</li> <li>○ Trimming trees back from power lines</li> <li>○ Designate and strengthen critical road sections and bridges.</li> <li>○ Adopt ordinances that regulate the type and quantity of trees planted near utility lines</li> <li>○ Relocate critical infrastructure, such as power lines, underground</li> </ul> </li> <li>• <b>Increase Capability:</b> <ul style="list-style-type: none"> <li>○ Support programs such as "Tree Watch" that proactively manage problem areas by use of selective removal of hazardous trees, tree replacement, etc.</li> <li>○ Enforce building codes</li> <li>○ Increase communication alternatives</li> <li>○ Modify land use and environmental regulations to support vegetation management activities that improve reliability in utility corridors.</li> <li>○ Modify landscape and other ordinances to encourage appropriate planting near overhead power, cable, and phone lines</li> <li>○ Promote awareness and participation in alert systems</li> <li>○ Provide NOAA weather radios to the public</li> <li>○ Create/Enhance "mutual aid" agreements for response to all emergencies</li> </ul> </li> </ul> |



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <ul style="list-style-type: none"> <li>○ Create/identify evacuation routes to be utilized during severe storm events.</li> <li>○ Develop debris management plans.</li> <li>○ Join "Storm-Ready" program</li> <li>○ Provide early warning of impending severe storm events to identified critical or essential facilities. This would include facilities such as large employment centers, schools, hospitals</li> <li>○ Promote emergency power supplies to private property.</li> <li>○ Improve, expand or harden communications facilities and services</li> <li>○ Recruit additional emergency personnel or use mutual aid agreements</li> <li>○ Increase sheltering capabilities</li> <li>○ Increase capability to respond to power outages and downed power lines. Establish partnerships with utility providers through pro-active planning.</li> </ul> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Severe Winter Weather                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Personal Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Corporate Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Government Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <ul style="list-style-type: none"> <li>• <b>Manipulate the Hazard:</b> <ul style="list-style-type: none"> <li>○ None</li> </ul> </li> <li>• <b>Reduce exposure to the hazard:</b> <ul style="list-style-type: none"> <li>○ Plant appropriate trees near home and power lines ("Right tree, right place" National Arbor Day Foundation)</li> </ul> </li> <li>• <b>Reduce vulnerability to the hazard:</b> <ul style="list-style-type: none"> <li>○ Insulate House to provide greater thermal efficiency and reduce heat loss.</li> <li>○ Provide redundant heat and power</li> <li>○ Insulate Structure</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• <b>Manipulate the Hazard:</b> <ul style="list-style-type: none"> <li>○ None</li> </ul> </li> <li>• <b>Reduce exposure to the hazard:</b> <ul style="list-style-type: none"> <li>○ None</li> </ul> </li> <li>• <b>Reduce vulnerability to the hazard:</b> <ul style="list-style-type: none"> <li>○ Relocate critical infrastructure, such as power lines, underground</li> <li>○ Reinforce or relocate critical infrastructure such as powerlines so that it meets performance expectations.</li> <li>○ Install tree wire</li> </ul> </li> <li>• <b>Increase Capability:</b></li> </ul> | <ul style="list-style-type: none"> <li>• <b>Manipulate the Hazard:</b> <ul style="list-style-type: none"> <li>○ None</li> </ul> </li> <li>• <b>Reduce exposure to the hazard:</b> <ul style="list-style-type: none"> <li>○ None</li> </ul> </li> <li>• <b>Reduce vulnerability to the hazard:</b> <ul style="list-style-type: none"> <li>○ Harden infrastructure such as locating utilities underground where appropriate.</li> <li>○ Trimming trees back from power lines</li> <li>○ Designate snow routes and strengthen critical road sections and bridges.</li> <li>○ Adopt codes and regulations that address the issues of parking of vehicles along roadways during severe weather events.</li> </ul> </li> </ul>                                                                                                                                      |



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>○ Ensure natural gas input/release valves do not get covered in snow</li> <li>• <b>Increase Capability:</b> <ul style="list-style-type: none"> <li>○ Trim or remove trees that could affect power lines</li> <li>○ Prepare emergency food and supplies to be self-sufficient for at least 72 hours in the event of a severe winter storm.</li> <li>○ Be aware of inclement weather conditions and move your vehicles off of the street as severe weather systems approach.</li> <li>○ Retrofit structures</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>○ Trim or remove trees that could affect power lines</li> <li>○ Create redundancy in utilities and communications</li> <li>○ Develop a Continuity of Operations Plan (COOP) to address operations before, during and after coastal storm events.</li> <li>○ Utilize weather radios at the work place to keep your employees aware of severe weather conditions.</li> </ul> | <ul style="list-style-type: none"> <li>○ Develop or enhance the capacity/capability of stormwater conveyance systems.</li> <li>○ Provide backup power sources at vital critical facilities.</li> <li>• <b>Increase Capability:</b> <ul style="list-style-type: none"> <li>○ Support programs that proactively manage problem areas by use of selective removal of hazardous trees, tree replacement, etc.</li> <li>○ Establish and enforce building codes that require all roofs to withstand snow loads--Develop/Improve/Enforce building Codes in Hazard Areas</li> <li>○ Increase communication alternatives</li> <li>○ Modify land use and environmental regulations to support vegetation management activities that improve reliability in utility corridors.</li> <li>○ Modify landscape and other ordinances to encourage appropriate planting near overhead power, cable, and phone lines</li> <li>○ Provide weather radios to vulnerable populations</li> <li>○ Enhance public awareness campaigns to address those issues of alert and warning and actions to take during severe weather events.</li> <li>○ Utilize the best available technology to enhance the warning systems for all severe weather events (i.e.: tornado warning systems).</li> <li>○ Coordinate severe weather warning capabilities and the dissemination of warning amongst those agencies within the planning are with the highest degree of capability.</li> </ul> </li> </ul> |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>o Encourage local ordinances for planting tree near lines and join Tree City USA.</li> <li>o Increase tree management programs.</li> <li>o Join the Community Rating System</li> <li>o Join "Storm-Ready"</li> <li>o Retrofit critical structures and promote hazard resistant construction</li> <li>o Keep open communications and education of hazards for mobile home communities</li> <li>o Retrofit above-ground utilities to underground facilities if appropriate</li> <li>o Create a salt reserve or research alternates to stretch salt reserve.</li> <li>o Ensure accessibility to hospitals.</li> <li>o Provide better debris logistics and removal.</li> <li>o Provide better communication systems and back-up communication systems to inform public of hazards and to communicate during the hazard event.</li> </ul> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Wildfire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Personal Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Corporate Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Government Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <ul style="list-style-type: none"> <li>• <b>Manipulate the Hazard:</b> <ul style="list-style-type: none"> <li>o Clear potential fuels on property; dry, overgrown underbrush; diseased trees</li> </ul> </li> <li>• <b>Reduce exposure to the hazard:</b> <ul style="list-style-type: none"> <li>o Clean and maintain defensible space around structures</li> <li>o Locate outside hazard area</li> <li>o Mow regularly</li> </ul> </li> <li>• <b>Reduce vulnerability to the hazard:</b></li> </ul> | <ul style="list-style-type: none"> <li>• <b>Manipulate the Hazard:</b> <ul style="list-style-type: none"> <li>o None</li> </ul> </li> <li>• <b>Reduce exposure to the hazard:</b> <ul style="list-style-type: none"> <li>o None</li> </ul> </li> <li>• <b>Reduce vulnerability to the hazard:</b> <ul style="list-style-type: none"> <li>o Create and maintain defensible space around structure and infrastructure and provide water onsite</li> <li>o Use fire-retardant building materials</li> <li>o Provide stored water to be utilized for firefighting with appropriate fire</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• <b>Manipulate the Hazard:</b> <ul style="list-style-type: none"> <li>o None</li> </ul> </li> <li>• <b>Reduce exposure to the hazard:</b> <ul style="list-style-type: none"> <li>o Clear fuels (dry underbrush, diseased trees) on land that can trigger and maintain wildfires</li> <li>o Implement Best Management Practices on public lands</li> </ul> </li> <li>• <b>Reduce vulnerability to the hazard:</b> <ul style="list-style-type: none"> <li>o Create and maintain defensible space around structure and infrastructure</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                           |



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| <ul style="list-style-type: none"><li>○ Create and maintain defensible space around structures, provide water on site.</li><li>○ Use fire-retardant building materials</li><li>○ Create defensible spaces around your home.</li><li>• <b>Increase Capability:</b><ul style="list-style-type: none"><li>○ Employ Firewise techniques to safeguard your home</li><li>○ Identify alternative water supply points proximate to your home such as swimming pools, lakes, streams</li><li>○ Support your local fire department</li><li>○ Be aware of weather conditions that support/enhance the probability of wildfires</li></ul></li></ul> | <p>department connections at facilities not equipped with fire hydrants or inadequate fire hydrant spacing</p> <ul style="list-style-type: none"><li>• <b>Increase Capability:</b><ul style="list-style-type: none"><li>○ Support Firewise community initiatives</li></ul></li></ul> | <ul style="list-style-type: none"><li>○ Higher regulatory standards</li><li>○ Establish water main supply and hydrants in unhydranted areas</li><li>○ Decrease hydrant spacing</li><li>○ Purchase</li><li>• <b>Increase Capability:</b><ul style="list-style-type: none"><li>○ More public outreach and education efforts including an active "Firewise" program</li><li>○ Identify fire response and alternative evacuation routes</li><li>○ Seek alternative water supplies in urban wildland interface areas.</li><li>○ Become a "Firewise" community</li><li>○ Increase capability to fight wildfires utilizing equipment that can support wildfire fighting such as: tankers, engines with "pump-and-run" capabilities, dump tanks for tanker shuttle operations.</li><li>○ Develop/implement wildfire management plans.</li><li>○ Establish Mutual Aid Agreements with the Tender Task Force</li><li>○ Develop a Water Supply Plan</li></ul></li></ul> |
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## SECTION F. PLAN MAINTENANCE

This appendix includes tools and worksheets to facilitate plan maintenance and review by the Burlington County Steering Committee and Planning Partnership.

In the first year of the performance period, an online performance progress reporting system, the BATool<sup>SM</sup> will provide representatives direct access to their mitigation initiatives to easily update the status of each project, document successes or obstacles to implementation, and add or delete projects to maintain mitigation project implementation. This online program will capture information and roll all input into a report to summarize mitigation strategy progress. The County may elect to use the BATool<sup>SM</sup> in future years as well.

The FEMA 386-4 guidance worksheets are also available to assist with progress reporting. These worksheets are provided below for ease of access to the HMP Coordinator and Planning Team to maintain the 2024 HMP throughout its period of performance.



## Worksheet #1

## Progress Report

step **2**

Page 1 of 3

Progress Report Period: \_\_\_\_\_ to \_\_\_\_\_  
(date) (date)

Project Title: \_\_\_\_\_ Project ID#: \_\_\_\_\_

Responsible Agency: \_\_\_\_\_

Address: \_\_\_\_\_

City/County: \_\_\_\_\_

Contact Person: \_\_\_\_\_ Title: \_\_\_\_\_

Phone #(s): \_\_\_\_\_ email address: \_\_\_\_\_

List Supporting Agencies and Contacts:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Total Project Cost: \_\_\_\_\_

Anticipated Cost Overrun/Underrun: \_\_\_\_\_

Date of Project Approval: \_\_\_\_\_ Start date of the project: \_\_\_\_\_

Anticipated completion date: \_\_\_\_\_

Description of the Project (include a description of each phase, if applicable, and the time frame for completing each phase): \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

| Milestones | Complete | Projected Date of Completion |
|------------|----------|------------------------------|
|            |          |                              |
|            |          |                              |
|            |          |                              |
|            |          |                              |
|            |          |                              |
|            |          |                              |
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|            |          |                              |
|            |          |                              |
|            |          |                              |
|            |          |                              |





**Plan Goal(s)/Objective(s) Addressed:**

Goal: \_\_\_\_\_

Objective: \_\_\_\_\_

**Indicator of Success** (e.g., losses avoided as a result of the acquisition program):

*In most cases, you will list losses avoided as the indicator. In cases where it is difficult to quantify the benefits in dollar amounts, you will use other indicators, such as the number of people who now know about mitigation or who are taking mitigation actions to reduce their vulnerability to hazards.*

\_\_\_\_\_  
\_\_\_\_\_

**Status** (Please check pertinent information and provide explanations for items with an asterisk. For completed or canceled projects, see Worksheet #2 — to complete a project evaluation):

**Project Status**

☐ Project on schedule

☐ Project completed

☐ Project delayed\*

\*explain: \_\_\_\_\_

☐ Project canceled

**Project Cost Status**

☐ Cost unchanged

☐ Cost overrun\*

\*explain: \_\_\_\_\_

☐ Cost underrun\*

\*explain: \_\_\_\_\_

**Summary of progress on project for this report:**

A. What was accomplished during this reporting period?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

B. What obstacles, problems, or delays did you encounter, if any?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

C. How was each problem resolved?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**Next Steps:** What is/are the next step(s) to be accomplished over the next reporting period?

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**Other comments:**

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## Worksheet #2 Evaluate Your Planning Team **step 3**

*When gearing up for the plan evaluation, the planning team should reassess its composition and ask the following questions:*

|                                                                                                                                                                                                                     | YES | NO |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|
| Have there been local staffing changes that would warrant inviting different members to the planning team?                                                                                                          |     |    |
| Comments/Proposed Action:                                                                                                                                                                                           |     |    |
| Are there organizations that have been invaluable to the planning process or to project implementation that should be represented on the planning team?                                                             |     |    |
| Comments/Proposed Action:                                                                                                                                                                                           |     |    |
| Are there any representatives of essential organizations who have not fully participated in the planning and implementation of actions? If so, can someone else from this organization commit to the planning team? |     |    |
| Comments/Proposed Action:                                                                                                                                                                                           |     |    |
| Are there procedures (e.g., signing of MOAs, commenting on submitted progress reports, distributing meeting minutes, etc.) that can be done more efficiently?                                                       |     |    |
| Comments/Proposed Action:                                                                                                                                                                                           |     |    |
| Are there ways to gain more diverse and widespread cooperation?                                                                                                                                                     |     |    |
| Comments/Proposed Action:                                                                                                                                                                                           |     |    |
| Are there different or additional resources (financial, technical, and human) that are now available for mitigation planning?                                                                                       |     |    |
| Comments/Proposed Action:                                                                                                                                                                                           |     |    |

*If the planning team determines the answer to any of these questions is "yes," some changes may be necessary.*



## Worksheet #3 Evaluate Your Project Results

step **3**

page 1 of 2

Project Name and Number: \_\_\_\_\_

Project Budget: \_\_\_\_\_

Project Description: \_\_\_\_\_

Associated Goal and Objective(s): \_\_\_\_\_

Indicator of Success (e.g., losses avoided): \_\_\_\_\_

*Insert location map.  
Include before and after  
photos if appropriate.*

Was the action implemented? ☐ YES ☐ NO

IF **NO**

Why not?

Was there political support for the action?

Were enough funds available?

Were workloads equitably or realistically distributed?

Was new information discovered about the risks or community that made implementation difficult or no longer sensible?

Was the estimated time of implementation reasonable?

Were sufficient resources (for example staff and technical assistance) available?

YES NO

☐ ☐☐ ☐☐ ☐☐ ☐☐ ☐☐ ☐

IF **YES**

What were the results of the implemented action? \_\_\_\_\_

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page 2 of 2

|                                                                       | YES | NO |
|-----------------------------------------------------------------------|-----|----|
| Were the outcomes as expected? If No, please explain:                 |     |    |
|                                                                       |     |    |
| Did the results achieve the goal and objective(s)? Explain how:       |     |    |
|                                                                       |     |    |
| Was the action cost-effective? Explain how or how not:                |     |    |
|                                                                       |     |    |
| What were the losses avoided after having completed the project?      |     |    |
|                                                                       |     |    |
| If it was a structural project, how did it change the hazard profile? |     |    |
|                                                                       |     |    |
| Additional comments or other outcomes:                                |     |    |
|                                                                       |     |    |

Date: \_\_\_\_\_

Prepared by: \_\_\_\_\_



## Worksheet #4 Revisit Your Risk Assessment **step 4**

| Risk Assessment Steps        | Questions                                                                                          | YES | NO | COMMENTS |
|------------------------------|----------------------------------------------------------------------------------------------------|-----|----|----------|
| <b>Identify hazards</b>      | Are there new hazards that can affect your community?                                              |     |    |          |
| <b>Profile hazard events</b> | Are new historical records available?                                                              |     |    |          |
|                              | Are additional maps or new hazard studies available?                                               |     |    |          |
|                              | Have chances of future events (along with their magnitude, extent, etc.) changed?                  |     |    |          |
|                              | Have recent and future development in the community been checked for their effect on hazard areas? |     |    |          |
| <b>Inventory assets</b>      | Have inventories of existing structures in hazard areas been updated?                              |     |    |          |
|                              | Is future land development accounted for in the inventories?                                       |     |    |          |
|                              | Are there any new special high-risk populations?                                                   |     |    |          |
| <b>Estimate losses</b>       | Have loss estimates been updated to account for recent changes?                                    |     |    |          |

*If you answered "Yes" to any of the above questions, review your data and update your risk assessment information accordingly.*



## Worksheet #5

## Revise the Plan

## step 4

page 1 of 4

Prepare to update the plan.

When preparing to update the plan:

Check the box when addressed:

|                                                                                                                      |  |
|----------------------------------------------------------------------------------------------------------------------|--|
| 1. Gather information, including project evaluation worksheets, progress reports, studies, related plans, etc.       |  |
| Comments:                                                                                                            |  |
| 2. Reconvene the planning team, making changes to the team composition as necessary (see results from Worksheet #2). |  |
| Comments:                                                                                                            |  |

Consider the results of the evaluation and new strategies for the future.

When examining the community consider:

Check the box when addressed:

|                                                      |  |
|------------------------------------------------------|--|
| 1. The results of the planning and outreach efforts. |  |
| Comments:                                            |  |
| 2. The results of the mitigation efforts.            |  |
| Comments:                                            |  |



page 2 of 4

|                                                                                       |  |
|---------------------------------------------------------------------------------------|--|
| 3. Shifts in development trends.                                                      |  |
| Comments:                                                                             |  |
|                                                                                       |  |
| 4. Areas affected by recent disasters.                                                |  |
| Comments:                                                                             |  |
|                                                                                       |  |
| 5. The recent magnitude, location, and type of the most recent hazard or disaster.    |  |
| Comments:                                                                             |  |
|                                                                                       |  |
| 6. New studies or technologies.                                                       |  |
| Comments:                                                                             |  |
|                                                                                       |  |
| 7. Changes in local, state, or federal laws, policies, plans, priorities, or funding. |  |
| Comments:                                                                             |  |
|                                                                                       |  |





page 3 of 4

|                                                          |  |
|----------------------------------------------------------|--|
| 8. Changes in the socioeconomic fabric of the community. |  |
| Comments:                                                |  |
|                                                          |  |
| 9. Other changing conditions.                            |  |
| Comments:                                                |  |
|                                                          |  |

**Incorporate your findings into the plan.**

*When examining the plan consider:*

*Check the box when addressed:*

|                                                                              |  |
|------------------------------------------------------------------------------|--|
| 1. Revisit the risk assessment. (See Worksheet #4)                           |  |
| Comments:                                                                    |  |
|                                                                              |  |
| 2. Update your goals and strategies.                                         |  |
| Comments:                                                                    |  |
|                                                                              |  |
| 3. Recalculate benefit-cost analyses of projects to prioritize action items. |  |
| Comments:                                                                    |  |
|                                                                              |  |



## SECTION G. CRITICAL FACILITIES

Due to the sensitive nature of this information, details of critical facilities have been redacted for the public document. A full list of critical facilities identified for the vulnerability analysis is available at the Burlington County Office of Emergency Management and Homeland Security. Contact the Deputy Emergency Management Coordinator, Kristen Carr, to view the list.



## SECTION H. LINKAGE PROCEDURES

This Appendix contains the linkage procedures for the Burlington County Hazard Mitigation Plan 2024 Update.

### H.1 ADMINISTRATIVE PROCESS FOR "LINKAGE" TO THE BURLINGTON COUNTY HAZARD MITIGATION ACTION PLAN

The 2024 Burlington County Hazard Mitigation Plan (HMP) update (the Plan) included 38 planning partners; not all eligible local governments within the defined planning area are included in this plan. Completed jurisdictional annexes are presented in Section 9. Any non-participating local governments and other local jurisdictions such as Fire Districts, Utility Districts, School Districts, and any other eligible local government as defined in 44 CFR 201.2 within the Burlington County planning area can join this plan as a participating jurisdiction and to ultimately achieve approved status by following the linkage procedures defined in this appendix.

It is assumed that some or all these non-participating local governments may choose to "link" to the Plan at some point in time to gain eligibility for programs under the DMA. In addition, some of the current partnership may not continue to meet eligibility requirements due to the lack of active participation as prescribed by the plan. These "linkage" procedures will define the requirements established by the Burlington County HMP Steering Committee for dealing with the increase or decrease in planning partners linked to this plan. It should be noted that currently non-participating jurisdictions within the defined planning area are not obligated to link to this plan. These jurisdictions can choose to do their own "complete" plan that addresses all required elements of section 201.6 of 44CFR.

#### H.1.1 Increasing the Partnership Through Linkage

##### H.1.1.1 Eligibility

Eligible jurisdictions located in the planning area may link to this plan at any point during the plan's performance period. Eligible jurisdictions located in the planning area may link to this plan at any point during the plan's performance period (5 years after final approval). Eligibility will be determined by the following factors:

- The linking jurisdiction is a local government as defined by the Disaster Mitigation Act.
- The boundaries or service area of the linking jurisdiction is completely contained within the boundaries of the planning area established during the 2024 Hazard Mitigation Plan development process.



- The linking jurisdiction's critical facilities were included in the critical facility and infrastructure risk assessment completed during the 2024 Plan development process.

### H.1.1.2 Requirements

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It is expected that linking jurisdictions will complete the requirements outlined below and submit their completed template to the lead agency for review within six months of beginning the linkage process:

1. The Burlington County HMP Planning Team has established an annual window for which linkage to the plan can occur. Linking jurisdictions are instructed to complete the following procedures during this time frame.
2. The current non-participating jurisdiction contacts the Burlington County Hazard Mitigation Plan Coordinator for the Plan and requests a "Linkage Package". The Burlington County Hazard Mitigation Plan Coordinator is:

Kristen Carr, Deputy Emergency Management Coordinator  
Burlington County Office of Emergency Management  
(609) 738-5139 | [krcarr@co.burlington.nj.us](mailto:krcarr@co.burlington.nj.us)

3. The Burlington County Hazard Mitigation Plan Coordinator will provide a linkage package that includes:
  - Copy of Volume 1 and 2 of the Plan (CD-ROM or flash drive).
  - Planning Partner's Expectations Sheet.
  - A Sample "Letter of Intent" to Link to the Plan.
  - A Jurisdictional Annex Template and Instructions.
  - Catalog of Hazard Mitigation Alternatives or the Mitigation Catalog.
  - A copy of Section 201.6 of Chapter 44, the Code of Federal Regulations (44CFR), which defines the federal requirements for a local hazard mitigation plan.
4. The new jurisdiction will be required to review both volumes of the Plan which includes the following key components for the planning area:
  - The Burlington County HMP risk assessment.
  - The plan's goals and objectives.
  - Plan implementation and maintenance procedures; and
  - Catalog of potential mitigation actions

Once this review is complete, the jurisdiction will complete its specific jurisdictional annex by following the template and its instructions for completion provided by the Burlington County Hazard Mitigation Plan Coordinator. Technical assistance (TA) can be provided upon request by completing the request for technical assistance form provided in the linkage package. This TA may be provided by the Burlington County Hazard Mitigation Plan Coordinator or any other resource within the Steering Committee. The Burlington County Hazard Mitigation Plan Coordinator will determine who will provide the TA and the possible level of TA based on resources available at the time of the request.





5. The new jurisdiction will also be required to develop a public involvement strategy that ensures their public's ability to participate in the plan development process. At a minimum, the new jurisdiction must try to solicit public opinion on hazard mitigation at the onset of this linkage process and a minimum of one public meeting to present their draft jurisdiction specific annex for comment, prior to adoption by the governing body. The Steering Committee will have available resources to aid in the public involvement strategy such as the Plan website. However, it will be the new jurisdiction's responsibility to implement and document this strategy for incorporation into their annex.

It should be noted that the Jurisdictional Annex templates do not include a section for the description of the public process. This is because the original partnership was covered under a uniform public involvement strategy that covered the operational area that is described in Volume 1 of the plan. Since the new partner was not addressed by that strategy, they will have to initiate a new strategy, and add a description of that strategy to their annex. For consistency, new partners are encouraged to follow the public involvement format utilized by the initial planning effort as described in Volume I of the Plan.

6. Once their public involvement strategy is completed and they have completed their template, the new jurisdiction will submit the completed package to the Burlington County Hazard Mitigation Plan Coordinator for a pre-adoption review to ensure conformance with the regional plan format.
7. The Burlington County Hazard Mitigation Plan Coordinator will review for the following:
  - Documentation of public involvement and mitigation action development strategies.
  - Conformance of template entries with guidelines outlined in instructions.
  - Chosen actions are consistent with goals, objectives, and mitigation catalog of Burlington County's Hazard Mitigation Plan; and
  - Designated points of contact.

The Burlington County Hazard Mitigation Plan Coordinator may utilize members of the HMP Planning Team or other resources to complete this review. All proposed linked annexes will be submitted to the HMP Planning Team for their review and comment prior to submittal to the NJOEM.

8. Plans approved and accepted by the HMP Planning Team will then be forwarded to NJOEM for review with cover letter stating the forwarded plan meets local approved plan standards and whether the plan is submitted with local adoption or for criteria met/plan not adopted review.
9. The NJOEM will review plans for state and federal compliance. Non-compliant plans are returned to the jurisdiction for correction. Compliant plans are forwarded to FEMA Region II office for review with annotation as to the adoption status.
10. FEMA Region II reviews the new jurisdiction's plan in association with the approved plan to ensure DMA compliance. Region II notifies new jurisdiction of results of review with copies to the NJOEM and approved planning authority.



11. New jurisdiction corrects plan's shortfalls (if necessary) and resubmits to the NJOEM through the approved plan lead agency.
12. Region II Director notifies new jurisdiction governing authority of plan approval.

The new jurisdiction plan is then included with the Burlington County HMP 2024 update, and the linking jurisdiction is committed to participate in the ongoing plan implementation and maintenance identified in Volume 1 of the HMP.



## SECTION I. NJOEM PLANNING GUIDANCE

This appendix includes the 2019 NJOEM planning standards and guidelines for hazard mitigation planning.



**Purpose:** To establish policy and procedures for the most efficient operation of the New Jersey Office of Emergency Management Hazard Mitigation Planning Section.

### Hazard Mitigation Planning

The Hazard Mitigation Planning process is the first step in supporting the mission of mitigation. The purpose of hazard mitigation planning is to identify policies and actions that can be implemented long term to reduce risk and future losses. Hazard Mitigation Plans form the foundation for a community's long-term strategy to reduce disaster losses and break the cycle of disaster damage, reconstruction, and repetitive damages. The planning process is as important as the plan itself. It creates a framework for risk-based decision making to reduce damages to lives, property, and the economy from future disasters. More importantly, it is meant to be an open process by which the community is actively involved in the development of their hazard mitigation plan. Community participation is a vital component of this process.

State and Local governments benefit from Mitigation Planning by:

- Identifying cost effective actions for risk reduction that are agreed upon by stakeholders and the public
- Focusing resources on the greatest risks and vulnerabilities
- Building partnerships by involving people, organizations, and businesses
- Increasing education and awareness of hazards and risk
- Communicating priorities to state and federal officials
- Aligning risk reduction with other community objectives

### Procedures

In an effort to facilitate the Hazard Mitigation Planning process, the New Jersey Office of Emergency Management will adhere to the following procedures:

**Plans Received** - Local governments will submit all FEMA funded County hazard mitigation plans to the NJOEM Hazard Mitigation Planning section for review. Once plans have been submitted to NJOEM, they will be entered into a spreadsheet that captures the *name of plan, date received, stage of development, who reviewed the plan, and date the review was completed*. Plans may be submitted in the following stages of development:

- **Preliminary Hazard Mitigation Plan** – must include hazard identification, risk assessment and mitigation strategy. It is being submitted as it being developed to ensure the local government is adhering to the regulations as stipulated by 44 CFR 201.6 and is actually on track to becoming approvable pending adoption and subsequent approval status.
- **Draft Plan** – plan is complete, but has not been adopted yet.
- **Final Plan** – plan is complete, with all resolutions and ready for final review. Plan will not be adopted until final FEMA approval.





**Documentation** – It is necessary to document the “life” of the project from application to closeout. This will assist in any potential auditing situations.

**Filing System** - All of the information will be documented in each plan’s file. The filing system will include, but will not be limited to the following documents: all correspondence (letters and pertinent emails), financial information, sub-grantee agreements, and closeout information.

**Letters** - Various letters will be created and disseminated according to the activity in an effort to document the review and approval process. The letters are as follows:

- Submittal letter for planning grant application to FEMA
- Transmittal letters
  - Preliminary Hazard Mitigation Plan
  - Plan Update
  - Electronic Transmissions of the Hazard Mitigation Plan through physical flash drives or internet-based transmittals, along with Adoption Resolutions
- Extension request letter
- NJOEM Extension approval letter
- End of period of performance letter
- APA (approvable pending adoption) letter for Hazard Mitigation Plan
- APP (approved) letter for Hazard Mitigation Plan
- APP (approved) letter for additional jurisdictions
- APA (approvable pending adoption) letter for jurisdictions that have not adopted
- Final FEMA Approval
- Closeout procedures

**Hazard Mitigation Plan Deliverables** will include the following:

- **Preliminary Plan** deliverable will be reviewed by NJOEM and FEMA Region II and will include:
  - Letter of Transmittal;
  - Two (2) individual flash drives containing electronic copies of the Hazard Mitigation Plan, including at a minimum the hazard identification/risk assessment and mitigation strategy sections of the plan. Each Flash drive shall contain copies of the plan in a Portable Document Format (PDF) format and Microsoft Word (DOCX) format.
- **Draft Plan** deliverable will be reviewed by NJOEM and FEMA Region II and will include:
  - Letter of Transmittal;
  - Two (2) individual flash drives containing electronic copies of the Hazard Mitigation Plan, including a complete hazard mitigation plan. Each Flash drive shall contain copies of the plan in a Portable Document Format (PDF) format and Microsoft Word (DOCX) format. This deliverable will incorporate review comments from the Preliminary Plan deliverable and will conform to all requirements of 44CFR Part 201.6 with the exception of resolution(s) of adoption.
- **Final Plan** deliverable will include the following:
  - Letter of Transmittal;
  - Two (2) individual flash drives containing electronic copies of the Hazard Mitigation



Plan, including an entire adopted and approved hazard mitigation plan. Each Flash drive shall contain copies of the plan in a Portable Document Format (PDF) format and Microsoft Word (DOCX) format.

In an effort to receive official approval of a Hazard Mitigation Plan, all items outlined in the Final Plan deliverable must be submitted. All counties and municipalities are required, per the 44 CFR 201.6, to officially adopt the Hazard Mitigation Plan in order to receive official approval and qualify for the following FEMA funding:

- HMA Programs
  - HMGP (Hazard Mitigation Grant Program)
  - FMA (Flood Mitigation Assistance)
  - PDM (Pre Disaster Mitigation)

### **NJOEM State Hazard Mitigation Planners/Community Planners**

All of the activities mentioned heretofore will be facilitated by NJOEM State Hazard Mitigation Planners or Community Planners. Typical duties are as follows:

- Review local mitigation plans for compliance with regulations, policies, and guidance
- Provide written recommendations to local governments for plan improvements
- Under the direction of the Team Lead or Senior Planner, provide technical assistance to local and State officials on the preparation, revision, or updating of mitigation plans to comply with Federal requirements
- Tracks assigned plans through all elements of the review process, including data entry, and drafting of crosswalk review, submittal letters, and approval letters, etc.
- Participates in team review sessions and coordinates closely with local contacts
- Provide planning related training to the other pertinent areas of the State as well as local governments.
- Working knowledge of pertinent laws, regulations, policies, and precedents that affect the use of program and related support resources in the State.
- Ensure that there is a comprehensive knowledge of the major issues, program goals and objectives, work processes, and administrative operations of the organization.
- Basic knowledge of the NFIP being that there has been an inclusion of those elements in the Planning Guidance.

### **Briefings and Meetings**

As part of their duties, State Hazard Mitigation Planners/Community Planners will travel to the county to explain the specifics of the Hazard Mitigation Planning Process funded through the Hazard Mitigation Grant Program and Pre-Disaster Mitigation Programs – Federal programmatic requirements, local, state, and Federal reporting responsibilities, financial requirements, and procurement requirements.

Additionally, State Hazard Mitigation Planners/Community Planners will attend meetings (when available) to ensure locals are implementing the components of the grant to the specifications of Federal requirements and State guidelines.



## **PUBLIC NOTICE**

### **[Name] County Hazard Mitigation Planning Grant**

[Name] County has been approved for the Hazard Mitigation Planning Grant through the State of New Jersey Office of Emergency Management (NJOEM). The [Name] County is seeking the services of a qualified consulting firm to create a Hazard Mitigation Plan.

The procedures for selection of the firm will be in accordance with procurement requirements set forth by the **State/Federal Governments**. All responses received will be evaluated in accordance with the selection criteria and corresponding point system, which is further explained in the Request for Qualifications Package. The package also identifies the scope of services to be performed by the chosen firm.

Interested parties are invited to secure a Request for Qualifications Package from **Contact Person, Address, City, New Jersey Zip Code** or by calling **000-000-0000** with your request or by emailing your request to [email address](#). The package is available beginning **Date**. The response to this request must be hand delivered or mailed to the Point of Contact at the address above in such a manner that it is received no later than **Date**.

[Name] County is an Equal Opportunity Employer. We encourage all small and minority-owned businesses to apply.





## **Name of County**

### **Request for Statements of Qualifications and Cost Proposals Implementation of FEMA Hazard Mitigation Planning Grant**

#### *Create a Multi-Jurisdictional Hazard Mitigation Plan*

### **PROPOSAL PACKET**

#### **INTRODUCTION:**

**Name of County** has secured a grant through the Hazard Mitigation Grant Program and is seeking a consulting firm for implementation purposes. This grant provides for the creation of a Multi-jurisdictional Hazard Mitigation Plan for the **Name of County** and its corresponding jurisdictions.

#### **PART 1 – MANAGEMENT AND ADMINISTRATION:**

**Name of County** will negotiate a fixed price basis contract. The **scope of services**, which the consultant must be prepared and qualified to provide, **are as follows**:

##### **Project Scope of Work**

**Planning Process** – documentation will identify:

- Who was involved as part of a Hazard Mitigation Planning Committee, the roles and responsibilities of each committee member and how they contributed to the process.
- Opportunities for public participation;
- Opportunities for participation by other agencies, communities, interested parties, etc.;
- Document outreach to adjacent counties and communities to assure consistency in risk, vulnerability and HM planning; and,
- Integration of other related plans and documents.

##### ○ **Plan Update:**

- The plan **must** identify all participating jurisdictions, new or continuing and, if known, jurisdictions that no longer participate in the plan.
- The plan **shall** describe the process used to review and analyze each section of the plan (i.e. Planning Process, Risk Assessment, Mitigation Strategy, and Plan Maintenance).
- If the planning team or committee concludes that some sections of the plan warrant an update and others did not, the team or committee **must** document the process used to make that determination.
- The plan maintenance section requires a description of how the community was kept involved during the plan maintenance process (44 CFR 201.6(c)(4)(iii)) over the past five years. However, since this contributes to the planning process, the community may elect to describe this within the planning process section of the plan.
- The plan **must** include an endorsement from each participating jurisdiction. The endorsement **must** include, at a minimum, that the jurisdiction's professional





staff (i.e., Engineer, Planner, Zoning/Code Officer, and Flood Plain Manager) have reviewed the plan and certify that the plan is consistent with the professional duties of their offices.

**Risk Assessment** – the risk assessment will include:

- Description of all natural hazards that can affect the assets of our county;
- Identification of the location, extent, previous occurrences, and probability of future occurrences for each of the identified hazards;
- Assessment of the vulnerability of assets and the potential impact of each hazard; and,
- Estimates of potential losses based on best available data and predictive models and the risk assessment should address both existing and future assets.

○ **Plan Update:**

- The local risk assessment **shall**, at a minimum, report risk in a consistent manner with the Standardized Risk Template identified in the New Jersey State Hazard Mitigation Plan (State HMP). Innovative methods to measuring risk and vulnerability are encouraged; however, the standardized risk template allows for equal comparison of risk across plans.
- Plan updates **may** reference scientific and technical information of hazards identified within the State HMP to make hazard profiles within jurisdictional plans more concise. Jurisdictions are encouraged to focus on specific changes within the community that may have lessened or increased risk to the profiled hazards since the previous plan.
- The local risk assessment update **shall** address any newly identified hazards that have been determined to pose a threat.
- The plan update **shall** continue to describe occurrences of hazards included in the previously approved plan, and discuss new occurrences of hazard events. The updated plan **shall** incorporate any new historical records, or hazard data related to profiling hazards.
- Any maps included in the updated plan, **must** be consistent with the updated information.
- The vulnerability overview in the updated plan **shall** describe any changes, clarifications, or refinements to the summary described in the previously approved plan. It **shall** continue to include, by type of hazard, a general description of the types of structures affected by the hazard.
- All Local Mitigation Plans approved by FEMA **must** address repetitive loss structures in the risk assessment by describing the types (residential, commercial, institutional, etc.) and estimate the numbers of repetitive loss properties located in identified flood hazard areas.
- If new hazards and risks have been identified in the multi-jurisdictional risk assessment, the information **must** be attributed to the appropriate jurisdiction(s) or to the whole planning area or whichever applies.
- Where vulnerability to previously identified hazards has changed, the plan **must** incorporate this information into the updated multi-jurisdictional risk assessment and it **must** be attributed to the appropriate jurisdiction(s) or to the whole planning area or whichever applies.
- If the previously approved plan identified that data deficiencies would be addressed at a later time, then the resolved deficiencies **shall** be incorporated in



the updated plan. If the data deficiencies have not been resolved, they **must** be addressed along with an explanation of why they have not been resolved.

**Mitigation Strategy** – will include:

- Developing mitigation goals and identifying appropriate mitigation actions based on the results of the risk assessment;
- Actions that address the full range of identified hazards;
- Actions that address both existing and future assets;
- An implementation strategy that includes prioritization of mitigation actions including consideration of relative costs and benefits, identification of parties responsible for implementation, funding mechanisms and timelines for implementation.

○ **Plan Update:**

- HMP-plan **must** identify the completed, deleted, or deferred actions or activities from the previously approved plan as a benchmark for progress. If the mitigation actions or activities remain unchanged from the previously approved plan, the updated plan **shall** include in its prioritization any new mitigation actions identified since the previous plan was approved or through the plan update process.
- The plan update provides an opportunity for local jurisdictions to reconsider the range of specific actions. If the mitigation actions remain unchanged from the previous plan, then the update **should** indicate why changes are not necessary.
- All Local Mitigation Plans **must** describe each jurisdiction's participation in the NFIP and must identify, analyze, and prioritize actions related to continued compliance with the NFIP.
- Each participating jurisdiction **shall** have its own appendix to highlight and detail the jurisdiction's mitigation actions.
- Each participating jurisdiction **must** provide valid and specific mitigation action(s) for Repetitive Loss and Severe Repetitive Loss properties within the jurisdiction.

**Plan Maintenance** – will describe the process to be used after the plan is adopted and approved to:

- Incorporate the goals and actions of the mitigation plan into other available mechanisms and/or plans for implementation, such as county and local land use plans and development ordinances;
- Provide for continued public involvement;
- Monitor and evaluate the plan and its implementation; and
- The method and schedule for future required plan updates.

○ **Plan Update:**

- The jurisdiction updating the plan **shall** review and consider items included in FEMA's and State's review. If items are not addressed, then the jurisdiction should provide an explanation.
- The updated plan **shall** include an executive summary of changes to the plan





and a crosswalk tool to track changes.

- As part of the planning process, the community reviews and analyzes the previously approved plan's method and schedule for monitoring and updating the plan, such as strengths and weaknesses and what elements, if any, have changes. The updated plan **must** include the method and schedule that will be used over the next five years to monitor, evaluate, and update the plan.
- The updated plan shall continue to describe how the mitigation strategy, including goals and objectives, and mitigation actions will be incorporated into other planning mechanisms, such as county and local land use plans and development ordinances, and also indicate how information contained in the plan, including hazard identification and the risk assessment, will be integrated into other planning mechanisms.
- Jurisdictions are encouraged to make updated plans available online for viewing or download.
- When the community prepares the plan update, the process used to keep the community involved over the previous five years must be explained, but is suggested that it is captured in the planning process. However, the updated plan **shall** describe the process used to solicit public involvement during the plan maintenance process over the next five years.
- Plan maintenance **shall** be discussed during at least one County Office of Emergency Management Coordinator meeting per year and a summary submitted to NJOEM.

**Hazard Mitigation Plan Deliverables** will include the following:

**Preliminary Plan** deliverable will be reviewed by NJOEM and FEMA Region II and will include:

- Letter of Transmittal;
- Two (2) individual flash drives containing electronic copies of the Hazard Mitigation Plan, including at a minimum the hazard identification/risk assessment and mitigation strategy sections of the plan. Each Flash drive shall contain copies of the plan in a Portable Document Format (PDF) format and Microsoft Word (DOCX) format.

**Draft Plan** deliverable will be reviewed by NJOEM and FEMA Region II and will include:

- Letter of Transmittal;
- Two (2) individual flash drives containing electronic copies of the Hazard Mitigation Plan, including a complete hazard mitigation plan. Each Flash drive shall contain copies of the plan in a Portable Document Format (PDF) format and Microsoft Word (DOCX) format. This deliverable will incorporate review comments from the Preliminary Plan deliverable and will conform to all requirements of 44CFR Part 201.6 with the exception of resolution(s) of adoption.

**Final Plan** deliverable will include the following:

- Letter of Transmittal;
- Two (2) individual flash drives containing electronic copies of the Hazard Mitigation Plan, including an entire adopted and approved hazard mitigation plan. Each Flash drive shall contain copies of the plan in a Portable Document Format (PDF) format and



Microsoft Word (DOCX) format.

## PART 2 – PROPOSALS:

Proposals will be accepted by the **Name of County**, in the **Name of Location**, **Address, City**, New Jersey **Zip Code** until **0:00 PM on Day, Month Date, Year**.

In order to be considered, proposals must be received prior to the time and date specified herein. The **County** reserves the right to reject any or all responses. All responses should be sealed and the outside of the envelope marked: REQUEST FOR STATEMENTS OF QUALIFICATIONS AND COST PROPOSALS, Implementation of FEMA Hazard Mitigation Planning Grant Program, Creation of **Name of County** Hazard Mitigation Plan.

Consultants should possess qualifications and expertise in the following areas:

- Hazard Mitigation Planning
- Hazard Mitigation Grant Program
- State of New Jersey Mitigation Priorities

All proposals will be scored and ranked with the highest rated firm being awarded a contract. The proposal must include a (1) A detailed budget (2) brief history of the firm and a resume' of each person in the firm who will be assigned to the project; (3) documentation of the responder being a "qualified third party provider" or the responder must be in good standing with the Secretary of State; and (4) a list of projects and contact person name, address and telephone number for which the individual/firm has completed similar projects. This list will be used for reference purposes.

**Two (2) copies of the proposal and required supplemental information should be provided.**

## PART 3 – SELECTION CRITERIA:

All responses to the solicitation will be evaluated according to the following criteria and corresponding point system. The proposal will be evaluated on the basis of written materials. Sufficient information must be included in the response to ensure that the correct numbers of points are assigned. Incomplete or incorrect information may result in a lower score.

|                                                                            |                   |
|----------------------------------------------------------------------------|-------------------|
| Experience/Knowledge with                                                  |                   |
| Hazard Mitigation Planning and Hazard Mitigation Grant Program             | 25 points         |
| Experience/Knowledge in Civil Engineering and Cost Estimation              |                   |
| Hazard Mitigation Projects                                                 | 25 points         |
| Experience/Knowledge in Benefit Cost Analysis                              | 25 points         |
| Experience/Knowledge in Environmental and Cultural Resource considerations | <u>25 points</u>  |
| <b>Total points for required and optional considerations</b>               | <b>100 points</b> |





#### **PART 4 – EVALUATION OF PROPOSALS:**

It is the intent of the **County** to conduct a fair and impartial evaluation of proposals received in response to this RFQ. The purpose of this evaluation will be to select the most qualified Consultant. The evaluation will be conducted in the stages as follows:

- A. Selection of Responsive Proposals**  
The purpose of this stage is to determine whether each proposal meets the specifications of this RFQ and is sufficiently responsive to the RFQ to permit a complete evaluation. A responsive proposal must comply with the instructions stated in this RFQ with regard to content, organization, number of copies and timely delivery.
- B. Evaluation of Proposals**  
During this stage, the Evaluation Team members will individually review each responsive proposal, identifying areas requiring clarification and preliminary scoring the responses. Following these individual reviews, the Evaluation Team will meet to identify questions requiring clarifications, if any. The **County** will notify Proposers in writing if it has questions/issues requiring clarification. Proposers must respond in writing within a specific time.
- C. Selection of Best Qualified Proposer**  
At the conclusion of the proposal evaluation, the best qualified Proposer will be identified by the Evaluation Team and notified that they have been selected.
- D. Recommendation of Award**  
The Evaluation Team will document the results of the evaluation process and recommend the award of a contract to the selected Consultant.
- E. Contract Award**  
The **County** will provide a contract agreement to the selected Consultant. Once the contract agreement is signed and returned to the **County**, an official “Notice to Proceed” will be issued. The Consultant will have ten (10) working days to initiate work after the Notice to Proceed is issued.



Questions concerning this proposal should be addressed to:

**The Name of County**  
**Name of Location**  
**Address**  
**City, New Jersey Zip**

Proposals may be either mailed or hand-delivered to:

**The Name of County**  
**Name of Location**  
**Address**  
**City, New Jersey Zip**

**The deadline for submission is Month Date, Year at 0:00 PM.**

**Name of County OEM**  
**OEM**  
**County**

**PUBLICATION DATES: Month Date, Year; Month Date, Year**



### Contract for Professional Services

Contract#: \_\_\_\_\_

This Contract is made as of the \_\_\_\_\_ day of \_\_\_\_\_, 2013 by and between \_\_\_\_\_, county government located in the State of New Jersey, by and through its Board of Freeholders, hereinafter referred to as the (CLIENT), and (name of business) doing business as an individual [ ], a partnership [ ], or a corporation [ ], authorized to do business in the State of New Jersey, hereinafter referred to as the CONSULTANT, whose Federal ID or Social Security Number is \_\_\_\_\_.

#### **ARTICLE 1 – SERVICES**

The CONSULTANTS responsibility under this Contract is to provide professional/consultation services in the area of Hazard Mitigation Planning, as more specifically set forth in the Scope of Work detailed in Exhibit "A".

\_\_\_\_\_(CLIENT)\_\_\_\_\_, representative/liaison during the performance of this Contract shall be \_\_\_\_\_, whose contact number is \_\_\_\_\_.

#### **ARTICLE 2 – SCHEDULE**

The CONSULTANT shall commence services on \_\_\_\_\_, 2013.

Reports and other items shall be delivered or completed in accordance with the detailed schedule set forth in Exhibit "A".

Any order issued during the effective date of this contract, but not completed within that period, shall be completed by the CONSULTANT within the time specified in the order. The Contract shall govern the CONSULTANT and (CLIENT)'s rights and obligations with respect to the extent as if the order were completed during the contract's performance period.

#### **ARTICLE 3 – PAYMENT TO CONSULTANT**

- A. The total amount to be paid by the (CLIENT) under this Contract for services and minor materials shall not exceed \$250,000. The CONSULTANT will bill (CLIENT) in progress payments of 10% Start-Up, 30% Upon Acceptance of First Draft, 30% upon acceptance of second draft and 30% upon Final acceptance. Specifics of each payment are outlined in Exhibit "A".
- B. Invoices received from the CONSULTANT pursuant to the Contract will be reviewed and approved by the initiating (CLIENT) Department, indicating that services have been rendered in conformity with the Contract and then will be sent to the Finance Department for payment. Invoices must reference this contract number.
- C. Final Invoice: In order for both parties herein to close their books and records, the CONSULTANT will clearly state "final invoice" on the CONSULTANT'S final/last billing to the (CLIENT). This certifies that all services have been properly performed and all charges and costs have been





invoiced to the (CLIENT). Since this account will be thereupon be closed, any and other further changes if not properly included on this final invoice are waived by the CONSULTANT.

#### **ARTICLE 4 – TRUTH IN NEGOTIATION CERTIFICATE**

Signature of this Contract by the CONSULTANT shall act as the execution of the truth-in negotiation certificate certifying that the wage rates and costs used to determine the compensation provided for in this Contract are accurate, complete and current as of the date of the Contract and no higher than those charged the CONSULTANT’S most favored customer for the same substantially similar service.

The said rates and costs shall be adjusted to exclude any significant sums should \_\_\_\_\_ determine that the rates and costs were increased due to inaccurate, incomplete or non-current wage rates or due to inaccurate representations of fees paid to outside consultants. \_\_\_\_\_ shall exercise its rights under this “Certificate” within one year (1) following final payment.

#### **ARTICLE 5 – TERMINATION**

##### **A. Termination for Default:**

\_\_\_\_\_ may, by written notice to the CONSULTANT, terminate this contract for default in whole or in part (release orders, if applicable) if the CONSULTANT fails to:

1. Provide products or services that comply with the specifications herein or fails to meet the (CLIENT) performance standards.
2. Deliver the supplies or perform the services within the time specified in this contract or any extension.
3. Make progress so as to endanger performance of this contract.
4. Perform any of the other provisions of this contract.

Prior to termination for default, (CLIENT) will provide adequate written notice to the CONSULTANT through the Purchasing Director, affording him/her the opportunity to cure the deficiencies or to submit a specific plan to resolve the deficiencies within ten (10) days (or the period specified in the notice) after receipt of the notice. Failure to adequately cure the deficiency shall result in termination action. Such termination may also result in suspension or debarment of the CONSULTANT in accordance with applicable Louisiana procurement statutes. The CONSULTANT and its sureties (if any) shall be liable for any damage to the (CLIENT) resulting from the CONSULTANT’S default of the contract. This liability includes any increased costs incurred by the (CLIENT) in completing contract performance.

In the event of termination by the (CLIENT) for any cause, the (CLIENT) will have, in no event, any claim against the (CLIENT) for lost profits or compensation for lost opportunities.





After a receipt of a Termination Notice and except as otherwise directed by (CLIENT) the CONSULTANT shall:

- A. Stop work on the date and to the extent specified.
- B. Terminate and settle all order and subcontracts relating to the performance of the terminated work.
- C. Transfer all work in progress, completed work, and other materials related to the terminated work as directed by the (CLIENT).
- D. Continue and complete all parts of that work that have not been terminated (if applicable).

Neither CONSULTANT nor (CLIENT) shall be liable, nor may cancel this contract for default, when delays arise out of causes beyond the control of CONSULTANT or (CLIENT). Such causes may include, but are not restricted to acts of God, acts of (CLIENT) in sovereign capacity, fires, floods, lightning strikes, epidemics, quarantine restrictions, strikes, freight embargoes, wars, civil disturbances, work stoppage, power failures, laws, regulations, ordinances, acts or orders of any governmental agency or official thereof, and unusually severe weather. In every case, the delay must be beyond the control of the claiming party. If CONSULTANT is delayed in its performance as a result of the above causes, (CLIENT) shall upon written request of CONSULTANT, agree to equitably adjust the provisions of this contract, including price and delivery, as may be affected by such delay. However, this provision shall not be interpreted to limit the (CLIENT)'s right to terminate for convenience.

**B. Termination for Convenience**

(CLIENT), by written notice, may terminate this contract, in whole or in part, when it is in the best interest for (CLIENT). If this contract is terminated, (CLIENT) shall be liable only for goods and services delivered and accepted. (CLIENT) Notice of Termination may provide the CONSULTANT thirty (30) days prior notice before it becomes effective. However, at (CLIENT)'s sole option, a termination for convenience may be effective immediately and may apply to release orders (if applicable) or to the contract in whole.

**ARTICLE 6 – PERSONNEL**

The CONSULTANT represents that it has, or will secure at its own expense, all necessary personnel required to perform the services under this Contract. Such personnel shall not be employees of or have any contractual relationship with (CLIENT).

All of the services required hereinunder shall be performed by the CONSULTANT or under its supervision, and all personnel engaged in performing the services shall be fully qualified and, if required, authorized or permitted under state and local law to perform such services.

Any changes or substitutions in the CONSULTANT'S key personnel, as may be listed in Exhibit "A", must be made known to the (CLIENT)'s representative and written approval must be granted by



(CLIENT) before said change or substitution can become effective.

The CONSULTANT warrants that all services shall be performed by skilled and competent personnel to the highest professional standards in the field.

#### **ARTICLE 7 – SUBCONTRACTING**

(CLIENT) reserves the right to accept the use of a subcontractor or to reject the selection of a particular subcontractor and to inspect all facilities of any subcontractors in order to make a determination as to the capability of the subcontractor to perform properly under this Contract. The CONSULTANT is encouraged to seek minority and women business enterprises for participation in subcontracting opportunities. If a subcontractor fails to perform or make progress, as required by this Contract, and it is necessary to replace the subcontractor to complete the work in a timely fashion, the CONSULTANT shall promptly do so, subject to acceptance of the new subcontractor by the

(CLIENT).

#### **ARTICLE 8 – FEDERAL AND STATE TAX**

(CLIENT) is exempt from payment of New Jersey State Sales and Use Taxes *(do not know if this law applies)*. (CLIENT) will sign an exemption certificate and submit to the CONSULTANT. The CONSULTANT shall not be exempted from paying sales tax to its suppliers for materials used to fulfill contractual obligations with (CLIENT), not is the CONSULTANT authorized to use (CLIENT)'s Tax Exemption letter in securing such materials.

The CONSULTANT shall be responsible for payment of its own and its share of its employee FICA and Social Security benefits with respect to this Contract.

#### **ARTICLE 9 – AVAILABILITY OF FUNDS**

(CLIENT)'s performance and obligation to pay under this Contract is contingent upon an annual appropriation for its purpose.

#### **ARTICLE 10 – INSURANCE**

- A. Before execution of the contract by (CLIENT) and commencement of the operations and/or services to be provided, during the duration of the contract, the CONSULTANT shall file with (CLIENT), current certificates of all required insurance on forms acceptable to (CLIENT), with the Certificate Holder listed as (CLIENT NAME OF BUSINESS), which shall include the following provisions:
1. All insurance policies shall be issued by companies authorized to do business under the laws of the State of New Jersey and acceptable to (CLIENT).
  2. The Certificates shall clearly indicate that the CONSULTANT has obtained insurance of the type, amount and classification as required for strict compliance with the insurance section.





3. No material change or cancellation of the insurance shall be effective without thirty (30) days prior written notice to (CLIENT).
- B. The CONSULTANT shall require and ensure that each of its subcontractors providing services hereunder (if any) procures and maintains, until the completion of the services, insurance of the types and to the limits specified herein.
- C. Coverages Required:
  1. Worker's Compensation – The CONSULTANT shall provide coverage for its employees with statutory workers' compensation limits, and no less than \$100,000.00 for Employer's Liability.
  2. Commercial General Liability – The CONSULTANT shall provide coverage for all operations including, but not limited to Contractual, Products and Completed Operations, and Personal Injury. The limits shall be not less than \$250,000.00, per occurrence, Combined Single Limits (CSL) or its equivalent. The General Aggregate limit shall either apply separately to this Contract or shall be at least twice the required occurrence limit.
  3. Business Automobile Liability – The CONSULTANT shall provide coverage for all owned, non-owned and hired vehicles with limits of not less than \$25,000, per occurrence, Combined Single Limits (CSL) or its equivalent.

#### **ARTICLE 11 – INDEMNIFICATION**

If there are any claims for damages attributable to the negligence, errors or omissions of the CONSULTANT, their agents or employees while providing the services called for herein, it is understood and agreed the CONSULTANT shall indemnify and hold harmless AUDUBON from any and all losses, costs, liability, damages and expenses arising out of such claims or litigation asserted as a result hereof. However, the CONSULTANT shall not be responsible for acts or omissions of (CLIENT), its agents or employees, or of third parties which result in bodily injury to persons or property.

#### **ARTICLE 12 – SUCCESSORS AND ASSIGNS**

(CLIENT) and the CONSULTANT each binds itself and its partners, successors, executors, administrators and assigns to the other party of this Contract and to the partners, successors, executors, administrators and assigns of such other party, in respect to all covenants of this Contract. Except as above, neither (CLIENT) nor the CONSULTANT shall assign, sublet, convey or transfer its interest in this Contract without the written consent of the other. Nothing herein shall be construed as creating any personal liability on the part of any officer or agent of (CLIENT) which may be a party hereto, not shall it be construed as giving any rights or benefits hereunder to anyone other than (CLIENT) and the CONSULTANT.



#### **ARTICLE 13 – REMEDIES**

This Contract shall be governed by the laws of the State of New Jersey. No remedy herein conferred upon any party is intended to be exclusive of any other remedy, and each and every such remedy shall be cumulative and shall be in addition to every other remedy given hereunder or now or hereafter existing at law or at equity or by statute or otherwise. No single or partial exercise by any party of any right, power, or remedy hereunder shall preclude any other or further exercise thereof.

#### **ARTICLE 14 – CONFLICT OF INTEREST**

The CONSULTANT represents that it presently has no interest and shall acquire no interest, either direct or indirect, which would conflict in any manner with the performance or services required hereunder, as provided for, the CONSULTANT further represents that no person having any interest shall be employed for said performance.

The CONSULTANT shall promptly notify (CLIENT) in writing by certified mail of all potential conflicts of interest for any prospective business association, interest or other circumstance which may influence or appear to influence the CONSULTANT'S judgment or quality of services being provided hereunder. Such written notification shall identify the prospective business association, interest or circumstance, the nature of work that the CONSULTANT may undertake and request an opinion of (CLIENT) as to whether the association, interest or circumstance would, in the opinion of (CLIENT), constitute a conflict of interest if entered into by the CONSULTANT. (CLIENT) agrees to notify the CONSULTANT of its opinion by certified mail within thirty (30) days of receipt of the notification by the CONSULTANT. If, in the opinion of (CLIENT), the prospective business association, interest or circumstance and it shall be deemed not in conflict of interest with respect to services provided to (CLIENT) by the CONSULTANT under the terms of this Contract.

#### **ARTICLE 15 – EXCUSABLE DELAYS**

The CONSULTANT shall not be considered in default by reason of any failure in performance if such failure arises out of causes reasonably beyond the control of the CONSULTANT or its subcontractors and without their fault or negligence. Such causes include, but are not limited to: actions of God; natural or public health emergencies; labor disputes; freight embargoes; and abnormally severe and unusual weather conditions.

Upon the CONSULTANT'S request, (CLIENT) shall consider the facts and extent of any failure to perform the work and, if the CONSULTANT'S failure to perform was without it or its subcontractor's fault or negligence, the Contract Schedule and/or any other affected provision of this Contract shall be revised accordingly; subject to the (CLIENT)'s right to change, terminate, or stop any or all work at any time.

#### **ARTICLE 16 – ARREARS**

The CONSULTANT shall not pledge the (CLIENT)'s credit or make it a guarantor of payment or surety for any contract, debt, obligation, judgment, lien, or any form of indebtedness. The CONSULTANT





further warrants and represents that it has no obligation or indebtedness that would impair its ability to fulfill the terms of this contract.

#### **ARTICLE 17 – DISCLOSURE AND OWNERSHIP OF DOCUMENTS**

The CONSULTANT shall deliver to (CLIENT) for approval and acceptance, and before being eligible for final payment or any amounts due, all documents and materials prepared by and for (CLIENT) under this Contract.

All oral and written information not in the public domain or not previously known, and all information and data obtained, developed or supplied by the (CLIENT), or at its expense, will be kept confidential by the CONSULTANT and will not be disclosed to any other party, directly or indirectly, without the (CLIENT)'s prior written consent unless required by a lawful order. All drawings, maps, sketches, programs, data base, reports and other data developed, or purchased, under this Contract for or at the (CLIENT)'s expense shall be and remain the (CLIENT)'s property and may be reproduced at the discretion of the (CLIENT).

All covenants, agreements, representations, and warranties made herein, or otherwise made in writing by any party pursuant hereto, including but not limited to any representations made herein relating to disclosure or ownership of documents, shall survive the execution and delivery of this Contract and the consummation of the transactions contemplated hereby.

#### **ARTICLE 18 – INDEPENDENT CONTRACTOR RELATIONSHIP**

The CONSULTANT is, and shall be, in the performance of all work services and activities under this Contract, an Independent Contractor, and not an employee, agent or servant of the COUNTY. All persons engaged in any of the work or services performed pursuant to this Contract shall at all times, and in all places, be subject to the CONSULTANT'S sole discretion, supervision, and control. The CONSULTANT shall exercise control over the means and manner in which it and its employees perform the work, and in all respects the CONSULTANT'S relationship and the relationship of its employees to (CLIENT) shall be that of an Independent Contractor and not as employees or agents of (CLIENT).

The CONSULTANT does not have the power of authority to bind (CLIENT) in any promise, agreement or representation other than as specifically provided for in this Agreement.

#### **ARTICLE 19 – CONTINGENT FEES**

The CONSULTANT warrants that it has not employed or retrained any company or person, other than a bona fide employee working solely for the CONSULTANT to solicit or secure this Contract and that it has not paid or agreed to pay any person, company, corporation, individual, or firm other than a bona fide employee working solely for the CONSULTANT, any fee, commission, percentage, gift, or any other consideration contingent upon or resulting from the award or making of this Contract.



#### **ARTICLE 20 – ACCESS AND AUDITS**

The CONSULTANT shall maintain adequate records to justify all charges, expenses, and costs incurred in estimating and performing the work for at least three (3) years after completion of the contract,

(CLIENT) shall have access to all records, documents and information collected and/or maintained by others in the course of the administration of the contract. This information shall be made accessible at the CONSULTANT'S local place of business to (CLIENT), including the Comptroller's Office and/or designees, for purposes of inspection, reproduction and audit without restriction. If records are unavailable local, it shall be the CONSULTANT'S responsibility to ensure that all required records are provided to (CLIENT) at the CONSULTANT'S expense.

#### **ARTICLE 21 – NONDISCRIMINATION**

The CONSULTANT warrants and represents that all of its employees are treated equally during employment without regard to race, color, religion, physical disabilities, sex, sexual orientation, age, or national origin.

#### **ARTICLE 22 – ENTIRETY OF CONTRACTUAL AGREEMENT**

(CLIENT) and the CONSULTANT agree that this Contract sets for the entire agreement between parties, and that there are no promises or understandings other than those stated herein. None of the provisions, terms and conditions contained in this Contract may be added to deleted, modified, superseded, or otherwise altered, except by written instrument executed by the parties hereto.

#### **ARTICLE 23 – ENFORCEMENT COSTS**

If any legal action or other proceeding is brought for the enforcement of this Contract, or because of an alleged dispute, breach, default or misrepresentation in connection with any provisions of this Contract, the successful or prevailing party or parties shall be entitled to recover reasonable attorney's fees, court costs and all expenses (including taxes) even if not taxable as court costs (including without limitation, all such fees, costs and expenses incident to appeals), incurred in that action or proceeding, in addition to any other relief to which such party or parties may be entitled.

#### **ARTICLE 24 – AUTHORITY TO PRACTICE**

The CONSULTANT hereby represents and warrants that it has and will continue to maintain all licenses and approvals required to conduct its business, and that it will at all times conduct its business activities in a reputable manner. Proof of such licenses and approvals shall be submitted to (CLIENT) upon request.

#### **ARTICLE 25 – SEVERABILITY**

If any term or provision of the Contract, or the application thereof to any person or circumstances shall, to any extent, be held invalid or unenforceable, the remainder of this Contract, or the application of such terms or provision, to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected, and every other term and provision of this Contract shall be deemed valid and enforceable to the extent permitted by law.





**ARTICLE 26 – MODIFICATIONS OF WORK**

      (CLIENT)       reserves the right to make changes in the work, including alterations, reductions therein or additions thereto. Upon receipt by the CONSULTANT OF       (CLIENT)      's notification of a contemplated change, the CONSULTANT shall (1) if requested by       (CLIENT)      , provided an estimate for the increase or decrease in cost due to the contemplated change, (2) notify       (CLIENT)       of any estimated change in the completion date, and (3) advise       (CLIENT)       in writing if the contemplated change shall affect the CONSULTANT'S ability to meet the completion dates or schedules of this Contract.

If       (CLIENT)       so instructs, in writing, the CONSULTANT shall suspend work on that portion of the work affected by a contemplated change, pending       (CLIENT)      's decision to proceed with the change.

If       (CLIENT)       elects to make the change,       (CLIENT)       shall issue a Modification or Change Order and the CONSULTANT shall not commence work on any such change until written amendment or change order has been issued and signed by each of the parties.

**ARTICLE 27 – NOTICE**

All notices required in this Contract shall be sent to       (CLIENT)       shall be mailed to:

      (CLIENT)      

Street Address

\_\_\_\_\_, New Jersey [Zip Code]

IN WITNESS WHEREOF,       (CLIENT)       has made and executed this Contract as hereunto set its hand the day and year above written.

By: \_\_\_\_\_ [NAME], [TITLE]

Date: \_\_\_\_\_

By: \_\_\_\_\_ [NAME], [TITLE]

Date: \_\_\_\_\_

CONSULTANT: \_\_\_\_\_ [NAME], [TITLE]

Company Name:

Date: \_\_\_\_\_



**EXHIBIT "A"**  
**REQUEST FOR QUALIFICATIONS**