

Meeting Agendas and Attendance Sheets

New Castle County 2025 Hazard Mitigation Plan Update

Steering Committee/Municipality Meeting #1

Meeting Agenda

Date: November 13, 2024

Time: 2:00pm - 3:30pm/6:00pm-7:30

Introductions

- Welcome (NCC Emergency Management)
- Consultants Introduction (VPC)

Project Overview Presentation

- Background
- Progress to Date
- HIRA Overview and Preliminary Results
 - Review/Discuss Hazard Rankings

Goals and Objectives Review

- Review Past Hazard Mitigation Plan Goals
- Discuss Potential New Goals or Suggested Edits for 2025 Update

Mitigation Actions Review

- Review Past Countywide Hazard Mitigation Actions and determine the status of all past actions.
- Discuss Proposed New Actions or Suggested Edits for 2025 Update
- Discussion of Outreach Packets for Municipalities

Open Discussion

Next Steps

- Continue to update the Risk Assessment
- Receive Information packets back from municipalities
- Develop new actions based on HIRA and County feedback, and begin updating the Mitigation Strategy Chapter
- Update capability assessment based on feedback received from County and municipalities
- Begin Planning for and determine timeframe for the 2nd Steering Committee/Municipal Meeting
- Continue developing the HHPD Analysis
- Begin Developing Draft Plan

Questions

Adjournment

New Castle County Hazard Mitigation Plan Update
Steering Committee/Municipality Meeting #2

Agenda

Date: February 10, 2025

Past Actions Review

- Examine Remaining Past Mitigation Actions and Identify Status

New Actions Review

- Examine New Mitigation Actions that Address Goals and Objectives

Mitigation Actions

- Mitigation Action Finalization
- Prioritize Mitigation Actions
- Implementation Strategy

Open Discussion

Questions

Next Steps

- Develop Draft Plan for Public Review
- Develop Final Plan for PEMA/FEMA Review

Questions

Adjournment

SIGN-IN SHEET
 New Castle County Hazard Mitigation Plan Update 2025
 2nd Steering Committee Meeting
 February 10, 2025

| Name | Agency/Municipality | Email Address | Phone |
|--------------------|------------------------|-------------------------------------|----------------|
| Steven Schultz | Delco DES | SCHULTZ5@CO.DELAWARE.PA.US | 610 909 5494 |
| Muriel Allaband | DHSS | muriel.gillesspie@Del | 302-610-1058 |
| JUANITA POOLE | DHSS | JUANITA.POOLE@Delaware.gov | (302) 223-2999 |
| Larry Balk | DELCO | balk@co.delaware.pa.us | 484 486 4767 |
| MICHAEL E. JACKSON | NEMOURS | michael.jackson@nemours.org | (302) 354-1333 |
| Phillip Cane | DEMA | Phillip.Cane@delaware.gov | 302-650-1022 |
| ROBERT ROFF | NCC PW'S | ROBERT.ROFF@NEWCASTLEDE.GOV | 302-395-5868 |
| Doug Horkuf | NCC DLU | STEPHEN.HORKUF@ | X 5448 |
| Josh Kelly | Y D | JOSHK@YDPA | 302-304-884 |
| Michael H | NCC PW | Michael.harris@nccpw | 580 6 |
| Mark Lynamann | NCC FMS | Mark.Lynamann@newcastlede.gov | 302-395-5186 |
| John Gysling | NCC LU | john.gysling@newcastlede.gov | X 5473 |
| Chris Johnson | NCC EMS | Christopher.Johnson@newcastlede.gov | 395-8123 |
| Kathy Potter | DNREC | Kathy.Potter@delaware.gov | |
| Michael Berth | Cecil Co. DES | michael.berth@cecilcountymd.gov | 443-945-2826 |
| ANDREW BERW | NCC-Community SERVICES | andrew.berw@newcastlede.gov | 302-395-5890 |
| William Ethridge | FEMA RS | William.Ethridge@fema.dhs.gov | 202-765-8592 |
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New Castle County Hazard Mitigation Plan Update

Steering Committee #3

Agenda

Date: August 6, 2025

Past Action Review

- Examine Remaining Past Mitigation Actions and Identify Status

New Actions Review

- Examine New Mitigation Actions that Address Goals and Objectives

Mitigation Actions

- Mitigation Action Finalization
- Prioritize Mitigation Actions
- Implementation Strategy

Open Discussion

Questions

Next Steps

- Develop Draft Plan for Public Review
- Develop Final Plan for PEMA/FEMA Review

Questions

Adjournment

Public meeting:

The press release was also sent to the local newspaper via email. There was one member of the public in attendance. The announcement is included below.

New County Public Invitation Language

The New Castle County Department of Public Safety will hold a public meeting on Wednesday, August 6th, 2025, from 6:00 p.m. to 7:00 p.m. The meeting will take place at the New Castle County Gilliam Building Multipurpose Room, located at 67 Reads Way, New Castle, DE 19720.

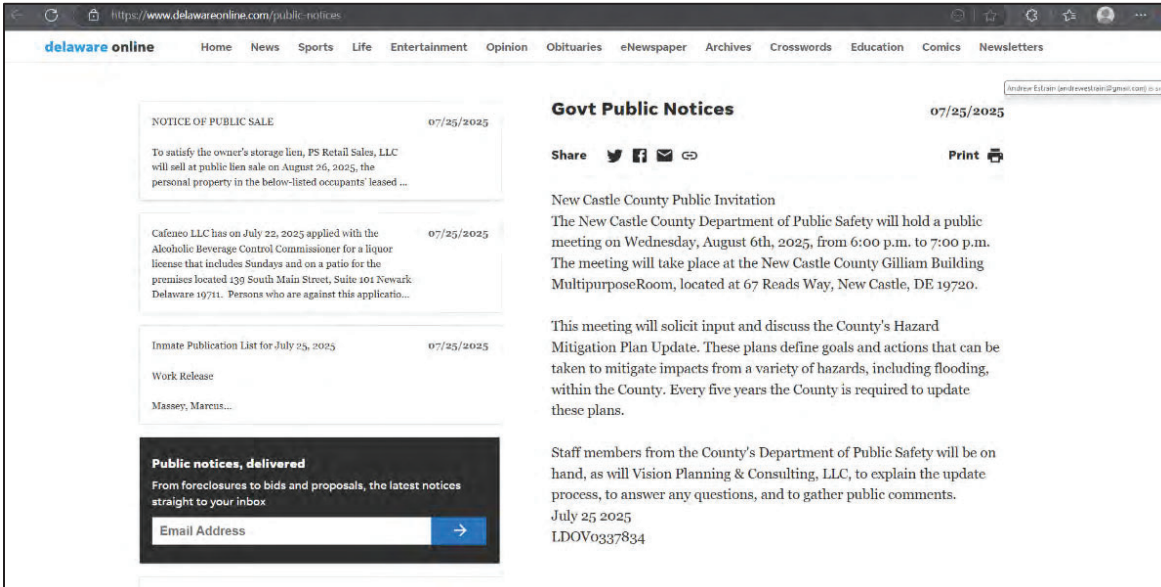
This meeting will solicit input and discuss the County's Hazard Mitigation Plan Update. These plans define goals and actions that can be taken to mitigate impacts from a variety of hazards, including flooding, within the County. Every five years the County is required to update these plans.

Staff members from the County's Department of Public Safety will be on hand, as will Vision Planning & Consulting, LLC, to explain the update process, to answer any questions, and to gather public comments.

If interested in attending, send an email to aestrain@vision-pc.net or Christopher.Hodgden@newcastlede.gov.

Those unable to attend the meeting who would like to view the information and/or have questions regarding the County Hazard Mitigation Plan Update should contact Chris Hodgden by email at Christopher.Hodgden@newcastlede.gov.

Public Meeting Advertisement



The screenshot shows a web browser window with the URL <https://www.delawareonline.com/public-notices>. The page features a navigation menu at the top with links for Home, News, Sports, Life, Entertainment, Opinion, Obituaries, eNewspaper, Archives, Crosswords, Education, Comics, and Newsletters. On the left side, there is a list of public notices, including a 'NOTICE OF PUBLIC SALE' dated 07/25/2025, a notice about Cafeneo LLC's liquor license application, and an 'Inmate Publication List for July 25, 2025'. A dark box at the bottom left promotes 'Public notices, delivered' to email inboxes. The main content area is titled 'Govt Public Notices' and dated '07/25/2025'. It includes social media share icons and a 'Print' button. The primary notice is titled 'New Castle County Public Invitation' and details a public meeting on Wednesday, August 6th, 2025, at 6:00 p.m. to 7:00 p.m. at the Gilliam Building Multipurpose Room. It also mentions that the meeting will discuss the County's Hazard Mitigation Plan Update and that staff from the Department of Public Safety and Vision Planning & Consulting, LLC will be present. The notice is dated July 25, 2025, with ID number LDOV0337834.

Public Survey Documentation

The public survey was open from 2/11/2025-4/1/2025, and received a total of 13 responses. Below are snapshots from the survey's advertisement. The survey was advertised on the Emergency Management website, its social media account, and QR code flyers were placed in County libraries.



NEW CASTLE COUNTY
DELAWARE
EMERGENCY MANAGEMENT

2025 HAZARD MITIGATION PLAN

PUBLIC SURVEY

NEW CASTLE COUNTY IS SEEKING INPUT FOR THE 2025 HAZARD MITIGATION PLAN UPDATE. THIS PLAN WILL ADDRESS THE COUNTY'S RISK POSED BY HAZARDS, AND YOU'RE INVITED TO BE PART OF THE PROCESS!

TAKE THE SURVEY TODAY

newcastlede.gov/OEM

facebook.com/nccdeoem

New Castle County 1673 Delaware

Public Review:

The Draft Plan was posted for public review for one month, from 10/23/25-11/22/25. During the 30-day review period, no public comments were received, therefore, no public comment log has been included. The advertisement for the public review period was posted on the OEM website, its social media accounts, and on QR code flyers at county libraries. The photo below shows the ad at the Kirkwood Library.



Municipal Local Hazard Areas

Arden

HAZARD AREA IDENTIFICATION

Municipality: Arden

Contact Name:

Contact Email:

Contact Phone Number:

Please identify problem/hazard areas within the municipality along with a brief description of the hazard and any past occurrences.

Hazard Areas: NONE AT THIS TIME

Hazard Area #1:

Location (ex. – address, cross streets, or road segments.):

Hazard type (ex. – flood area):

Hazard Description (ex. – no stormwater pipes along roadway, rainwater washes out roads)

Notes:

Ardencroft

HAZARD AREA IDENTIFICATION

Municipality: Ardencroft

Contact Name:

Contact Email:

Contact Phone Number:

Please identify problem/hazard areas within the municipality along with a brief description of the hazard and any past occurrences.

Hazard Areas: NONE AT THIS TIME

Hazard Area #1:

Location (ex. – address, cross streets, or road segments.):

Hazard type (ex. – flood area):

Hazard Description (ex. – no stormwater pipes along roadway, rainwater washes out roads)

Notes:

Ardentown

HAZARD AREA IDENTIFICATION

Municipality: Ardentown

Contact Name:

Contact Email:

Contact Phone Number:

Please identify problem/hazard areas within the municipality along with a brief description of the hazard and any past occurrences.

Hazard Areas: NONE AT THIS TIME

Hazard Area #1:

Location (ex. – address, cross streets, or road segments.):

Hazard type (ex. – flood area):

Hazard Description (ex. – no stormwater pipes along roadway, rainwater washes out roads)

Notes:



HAZARD AREA IDENTIFICATION

Municipality: Town of Bellefonte

Contact Name: Scott MacKenzie

Contact Email: townofbellefonte@hotmail.com

Contact Phone Number: 302-761-9638

Please identify problem/hazard areas within the municipality along with a brief description of the hazard and any past occurrences.

Hazard Areas:

Hazard Area #1: NONE

Location (ex. – address, cross streets, or road segments.):

Hazard type (ex. – flood area):

Hazard Description (ex. – no stormwater pipes along roadway, rainwater washes out roads):

Notes:

Hazard Area #2: NONE

Location (ex. - address, cross streets, or road segments):

Hazard type (ex. - flood, pipeline, land subsidence):

Hazard Description:

Notes:

Hazard Area #3: NONE

Location (ex. - address, cross streets, or road segments):

Hazard type (ex. - flood, pipeline, land subsidence):

Hazard Description:

Notes:

Delaware City

HAZARD AREA IDENTIFICATION

Municipality: Delaware City

Contact Name:

Contact Email:

Contact Phone Number:

Please identify problem/hazard areas within the municipality along with a brief description of the hazard and any past occurrences.

Hazard Areas: NONE AT THIS TIME

Hazard Area #1:

Location (ex. – address, cross streets, or road segments.):

Hazard type (ex. – flood area):

Hazard Description (ex. – no stormwater pipes along roadway, rainwater washes out roads)

Notes:

Elsmere

HAZARD AREA IDENTIFICATION

Municipality: Elsmere

Contact Name:

Contact Email:

Contact Phone Number:

Please identify problem/hazard areas within the municipality along with a brief description of the hazard and any past occurrences.

Hazard Areas: NONE AT THIS TIME

Hazard Area #1:

Location (ex. – address, cross streets, or road segments.):

Hazard type (ex. – flood area):

Hazard Description (ex. – no stormwater pipes along roadway, rainwater washes out roads)

Notes:

Middletown

HAZARD AREA IDENTIFICATION

Municipality: Middletown

Contact Name:

Contact Email:

Contact Phone Number:

Please identify problem/hazard areas within the municipality along with a brief description of the hazard and any past occurrences.

Hazard Areas: NONE AT THIS TIME

Hazard Area #1:

Location (ex. – address, cross streets, or road segments.):

Hazard type (ex. – flood area):

Hazard Description (ex. – no stormwater pipes along roadway, rainwater washes out roads)

Notes:

New Castle

HAZARD AREA IDENTIFICATION

Municipality: New Castle City

Contact Name:

Contact Email:

Contact Phone Number:

Please identify problem/hazard areas within the municipality along with a brief description of the hazard and any past occurrences.

Hazard Areas:

Hazard Area #1: Battery Park/ Homes on The Strand/ Along the Delaware River

Location (ex. – address, cross streets, or road segments.): 200 SOUTH ST, The Strand, 2nd Street to Bull Hill
NEW CASTLE

Hazard type (ex. – flood area): flooding

Hazard Description (ex. – no stormwater pipes along roadway, rainwater washes out roads):

Notes: This area is open to potential flooding, etc. This area is protected by dykes but needs to be raised again.

Hazard Area #2: Route 9 southbound

Location (ex. - address, cross streets, or road segments): Rt. 9 South of Washington street into the County area

Hazard type (ex. - flood, pipeline, land subsidence): flooding

Hazard Description: flooding issues- recently mitigated by a pervious layer of asphalt installed by DeIDOT- working for now but could be an issue down the road.

Notes:

Hazard Area #3: Route 9 northbound at bridge

Location (ex. - address, cross streets, or road segments): Road Between the following parcels: **2101100010, 2101100009, 2101100006, 2101100005**

Hazard type (ex. - flood, pipeline, land subsidence): flooding

Hazard Description: roadway faces flooding as there is a marsh beneath. DeIDOT is working on this area.

Notes:

Hazard Area #4: RR crossing by school

Location (ex. - address, cross streets, or road segments): Delaware St. and Ferry Cut off

Hazard type (ex. - flood, pipeline, land subsidence):Transportation. RR, etc.

Hazard Description: heavy traffic, near many schools, etc. No railroad arms currently, but DeIDOT is working to fix.

Notes:

Newark

HAZARD AREA IDENTIFICATION

Municipality: City of Newark

Contact Name:

Contact Email:

Contact Phone Number:

Please identify problem/hazard areas within the municipality along with a brief description of the hazard and any past occurrences.

Hazard Areas:

Hazard Area #1:

Location (ex. - address, cross streets, or road segments.): 1323 Old Coochs Bridge Road

Hazard type (ex. - flood area): Tributary to the Christina River crosses Bellevue Road (located in 100-year floodplain)

Hazard Description (ex. - no stormwater pipes along roadway, rainwater washes out roads): Two existing lined corrugated metal arch pipes frequently clog with debris during moderate to severe storm events. Requires frequent clearing of the upstream inverts.

Notes:

Hazard Area #2:

Location (ex. - address, cross streets, or road segments): 212 & 300 Edjil Drive

Hazard type (ex. - flood, pipeline, land subsidence): Tributary to the Christina River crosses Edjil Drive

Hazard Description: Two (2) Existing lined corrugated metal circular pipes frequently clog with debris during moderate to severe storm events. Requires frequent clearing of the upstream inverts prior to and after storm events to avoid road flooding.

Notes:

Hazard Area #3:

Location (ex. - address, cross streets, or road segments): 678 Brook Drive

Hazard type (ex. - flood, pipeline, land subsidence): Tributary to the Christina River crosses Brook Drive

Hazard Description: Three (3) Existing lined corrugated metal circular pipes frequently clog with debris during moderate to severe storm events. Requires frequent clearing of the upstream inverts prior to and after storm events to avoid road flooding.

Notes:

Hazard Area #4:

Location (ex. - address, cross streets, or road segments): 3 and 5 Julie Lane

Hazard type (ex. - flood, pipeline, land subsidence): 48" diameter corrugated metal pipe that begins behind homes and runs under Julie Lane cartway.

Hazard Description: Three (3) Julie Lane has experienced significant flooding over the past few years due to stormwater runoff overtopping the 48-inch diameter culvert. The Julie Lane culvert conveys

stormwater runoff from an approximate 166-acre drainage area which includes Hill Park, Casho Mill Road, Casho Mill Station Subdivision, Barksdale Road, Handloff Park, Nottingham Green Subdivision, and Oaklands Subdivision.

Notes:

Hazard Area #5:

Location (ex. - address, cross streets, or road segments): 924 and 968 Rahway Drive (Christina River)

Hazard type (ex. - flood, pipeline, land subsidence): Christina River flood plain adjacent to residential structures. Several city owned and maintained storm sewer outfalls are located along the watercourse.

Hazard Description: The floodplain in this area encroaches on 19 residential properties and has frequently flooded the rear yards and in several instances resulted in loss of property during moderate to severe storm events. The flooding can be exacerbated by obstructions to the downstream culvert that crosses Barksdale Road. City crews clear debris from the upstream side of the culvert before and after storm events to minimize potential for flooding. PWWR is conducting a pilot study using internal check valves in the storm sewer system that discharges to the watercourse to reduce surcharging of the city system through the subdivision.

Notes:

Hazard Area #6:

Location (ex. - address, cross streets, or road segments): 924 and 968 Rahway Drive (Christina River)

Hazard type (ex. - flood, pipeline, land subsidence): Christina River floodplain adjacent to residential structures. Several city owned and maintained storm sewer outfalls are located along the watercourse.

Hazard Description: The flood plain in this area encroaches on 19 residential properties and has frequently flooded the rear yards and in several instances resulted in loss of property during moderate to severe storm events. The flooding can be exacerbated by obstructions to the downstream box culvert that crosses Barksdale Road. City crews clear debris from the upstream side of the culvert before and after storm events to minimize potential for flooding. PWWR is conducting a pilot study using internal check valves in the storm sewer system that discharges to the watercourse to reduce surcharging of the city system through the subdivision.

Notes:

Hazard Area #7:

Location (ex. - address, cross streets, or road segments): Delrem Drive and Nottingham Road

Hazard type (ex. - flood, pipeline, land subsidence): Catch basin and DelDOT owned storm sewer frequently obstructed with debris resulting in flooding of the intersection at Delrem Drive and Nottingham Road

Hazard Description: The existing storm sewer accepts runoff from Nottingham Road and surrounding residential and commercial properties. Runoff is conveyed via a shallow roadside swale to the existing catch basins. Debris carried from the overland flows collects on top of the existing basins and restricts the inlets' ability to collect and convey stormwater to the Christina River. City crews clear debris from the nearby catch basins before and after storm events to minimize potential for flooding of the intersection.

Notes:

Hazard Area #8:

Location (ex. - address, cross streets, or road segments): 208 Old Paper Mill Road (Old Paper Mill Road and Curtis Lane)

Hazard type (ex. - flood, pipeline, land subsidence): Frequent overtopping of Old Paper Mill Road during moderate to severe storm event. This corridor is the primary means of ingress and egress to Paper Mill Farm, Nonantum Mills, Ridgewood Glen, and Creek Bend subdivisions.

Hazard Description: The existing dual barrel storm culverts run beneath Old Paper Mill Road and convey flows from Bogey Run (tributary to the White Clay Creek). A combination of debris obstructing the upstream side of the culverts during high intensity storm events results in frequent flooding of Old Paper Mill Road and Curtis Lane. Capacity of the culverts could be increased by replacing the culverts with larger diameter pipes or adding additional culverts. City crews clear debris from the upstream side of the culvert before and after storm events to minimize potential for flooding.

Notes:



HAZARD AREA IDENTIFICATION

Municipality: *Newport*
Contact Name: *Wendy King*
Contact Email: *Wendyking99@yahoo.com*
Contact Phone Number: *302-994-6403*

Please identify problem/hazard areas within the municipality along with a brief description of the hazard and any past occurrences.

Hazard Areas:

Hazard Area #1: *Walnut / Christian streets*

Location (ex. - address, cross streets, or road segments.):

Hazard type (ex. - flood area): *flooding*

Hazard Description (ex. - no stormwater pipes along roadway, rainwater washes out roads):

poor drainage. Ices in the winter, floods when rainy. washes away asphalt.

Notes:

There is only one catchbasin at the end of Walnut Street so Walnut carries runoff from Highland down to the catchbasin @ Justice



HAZARD AREA IDENTIFICATION

Municipality: Town of Odessa
Contact Name: Amy Marie Ottinger
Contact Email: townofodessa@gmail.com
Contact Phone Number: 302-378-2510

Please identify problem/hazard areas within the municipality along with a brief description of the hazard and any past occurrences.

Hazard Areas:

Hazard Area #1:

Location (ex. - address, cross streets, or road segments): Cantwells Tavern Rt 299 and 2nd Street Odessa

Hazard type (ex. - flood area): Flood Area

Hazard Description (ex. - no stormwater pipes along roadway, rainwater washes out roads):

During heavy rains the street floods and due to handicap accessible corner and swale removed to make the property more handicap accessible, it diverted the water into the tavern and into their electrical boxes. DelDOT is aware of issue and has assured the town they are attempting to address the issue.

Hazard Area #2: Main Street (SR299 and Main Street X-street Front Street)

Location (ex. - address, cross streets, or road segments):

Hazard type (ex. - flood, pipeline, land subsidence): Flood Area

Hazard Description: Due to a pavement project on Main Street (see Hazard Area #1) a swale was removed. Flood waters come down the road and are washing away the front of a property.

Notes:

Hazard Area #3:

Location (ex. - address, cross streets, or road segments):

Hazard type (ex. - flood, pipeline, land subsidence):

Hazard Description:

Notes:

Townsend

HAZARD AREA IDENTIFICATION

Municipality: Townsend

Contact Name:

Contact Email:

Contact Phone Number:

Please identify problem/hazard areas within the municipality along with a brief description of the hazard and any past occurrences.

Hazard Areas: NONE AT THIS TIME

Hazard Area #1:

Location (ex. – address, cross streets, or road segments.):

Hazard type (ex. – flood area):

Hazard Description (ex. – no stormwater pipes along roadway, rainwater washes out roads)

Notes:

Wilmington

HAZARD AREA IDENTIFICATION

Municipality: City of Wilmington

Contact Name:

Contact Email:

Contact Phone Number:

Please identify problem/hazard areas within the municipality along with a brief description of the hazard and any past occurrences.

Hazard Areas: NONE AT THIS TIME

Hazard Area #1:

Location (ex. – address, cross streets, or road segments.):

Hazard type (ex. – flood area):

Hazard Description (ex. – no stormwater pipes along roadway, rainwater washes out roads)

NFIP Questionnaire Responses