

















**SOUTH AMBOY** 



# RESILIENT NJ RESILIENT RARITAN RIVER AND BAY COMMUNITIES

APPENDIX N:
Risk Rating 2.0 Outreach

August 12, 2022

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## **Summary**

This appendix provides an overview of the Risk Rating 2.0 program, as presented by FEMA Region 2 at an informational session organized by the Resilient NJ RRBC Project Team to provide local officials with information they can use when communicating about the program's goals and impacts on their communities.

In addition, the project team conducted an analysis of the potential impact of Risk Rating 2.0 for property owners in Middlesex County.



## OVERVIEW OF RISK RATING 2.0 DATA FOR MIDDLESEX COUNTY

## **Current Flood Insurance Information**

The State of New Jersey				
Policies in Force as of April 2022	206,226			
Number of NFIP Claims for FY 2022	231			
Average Claims Payment for FY 2022	\$28,935			

Middlesex County				
Policies in Force for FY 2022	3,352			
Average Annual Cost of Flood Insurance	\$1,462			

#### Historical Flood Impact in Middlesex County



The following 3 of 25 Municipalities in Middlesex County are considered CRS Eligible Communities

Municipality	CRS Class	% Discount for SFHA	% Discount for Non-SFHA
City of Perth Amboy	8	5	5
Borough of South River	10	0	0
Township of Woodbridge	5	25	10

Since Risk Rating 2.0 does not use flood zones to determine flood risk, the NFIP rate discounts will be uniformly applied to all policies in the participating community.

# Middlesex County Expected Monthly Premium Changes

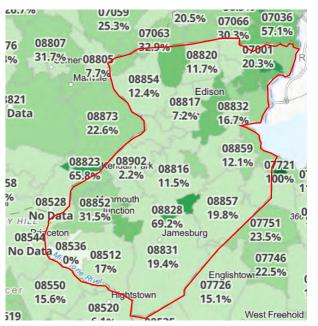
#### Middlesex County Monthly Premium Changes in Year 1 of RR2.0



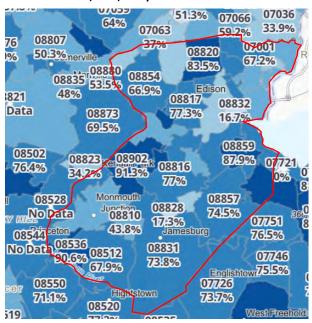
The information depicted above is FEMA's estimated projections for how monthly premiums will change in the first year of Risk Rating 2.0

# Risk Rating 2.0: Expected Changes for Middlesex County

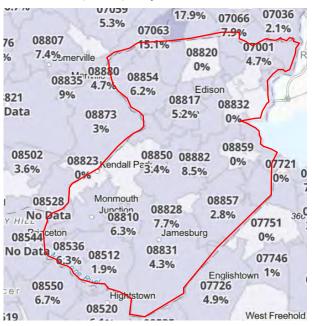
All NFIP Policies: Percent of Policies with Decreased Premiums



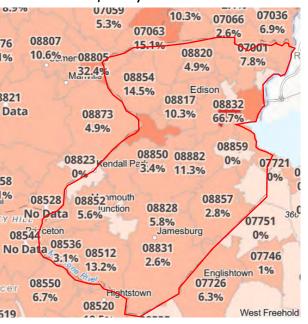
All NFIP Policies: Percent of Policies w/ Premium Increase \$0-\$10/month



All NFIP Policies: Percent of Policies w/ Premium Increase \$10-\$20/month



All NFIP Policies: Percent of Policies w/ Premium Increase \$20+/month





## INFORMATIONAL SESSION

## **Resilient New Jersey**

#### **Risk Rating Informational Session Recap**

On June 28<sup>th</sup>, 2022, Arcadis hosted an information session for local officials on Risk Rating 2.0, as well as planned state regulatory reforms.

### NJPACT Resilient Environments and Landscapes (REAL) Reforms Presentation – Vincent J. Mazzei, Jr. P.E., NJDEP

- Addressing the Unavoidable Impacts of Climate Change
- Affects of Tropical Storm Ida
- Application of New Flood Hazard Areas
- Application of New Stormwater Management Standards

#### Risk Rating 2.0 Presentation – Thomas Song, FEMA Region 2

- •General Overview of New Methodologies Differences in Rating Variables
- •Risk Rating 2.0 Promotes Equity: Individuals will no linger pay more than their share in flood insurance premiums based on the value of their homes
- •Comparison of Legacy Rating System and Risk Rating 2.0 Rate Analysis
- •What is not changing with Risk Rating 2.0
- •Statutory rate caps on annual premium increases
- Availability of premium discounts
- •Transfers of policy discounts to new homeowners
- •Use of Flood Insurance Rate Maps for mandatory purchase and floodplain management
- •Community Rating System (CRS) Discounts Uniformly applied to all policies in the community
- Benefits of an NFIP Policy
- •Risk Rating 2.0 Case Studies Tyler Ardron, Risk Reduction Plus

#### Attendees

- •Community Members (City of Hoboken, Woodbridge, Middlesex Co, South River, Newark)
- •Members from the Middlesex Co Office of Planning
- Members from the New Jersey Department of Environmental Protection (DEP)
- Members from the New Jersey DEC
- •Members from the YMCA
- Members of the Arcadis Team





















SOUTH AMBOY

# RESILIENT NJ RESILIENT RARITAN RIVER AND BAY COMMUNITIES

RISK RATING 2.0 / NJPACT INFORMATIONAL SESSION

JUNE 2022 - TASK 6.8

## **AGENDA**

Welcome and Background on Resilient NJ

Meghan Leavey, NJDEP Mary Kimball, Arcadis

NJPACT Resilient Environments and Landscapes (REAL) Reforms
 Vincent J. Mazzei, Jr. P.E., NJDEP

Risk Rating 2.0

Thomas Song, FEMA Region 2
Tyler Ardron, Risk Reduction Plus

Q&A



## PROJECT OVERVIEW

#### **RESILIENT NEW JERSEY**

- Funded and administered through the New Jersey Department of Environmental Protection (NJDEP)
- Four regional partnerships between local governments and community-based organizations
- Each region is supported by consultant teams contracted through NJDEP
- The project is focused on developing a regional action plan to address floodrelated hazards
- Input from the people who live, work, and play in the regions will be critical to the success of the program









## **RESILIENT NJ**

#### RARITAN RIVER AND BAY COMMUNITIES

**Resilient NJ – Raritan River and Bay Communities** is a partnership between Middlesex County, Old Bridge, Woodbridge, Sayreville, South Amboy, South River, Carteret, Perth Amboy, and the YMCAs of Middlesex County.



















SCAPE

Representatives of the Region Team sit on the Steering Committee









## **REGION HISTORY AND IDENTITY**

**TODAY THE REGION IS A** MICROCOSM OF NEW **JERSEY, WITH A VARIETY OF** LAND USES FROM SINGLE FAMILY HOMES TO DENSER, **DIVERSE DOWNTOWNS, INTERSPERSED WITH LARGE OPEN SPACE NETWORKS** AND TRANSPORTATION **CORRIDORS THAT CONNECT** THE REGION TO THE REST OF THE STATE AND NEW YORK METRO AREA.











1 of every 5 residents

3,900 acres of park space

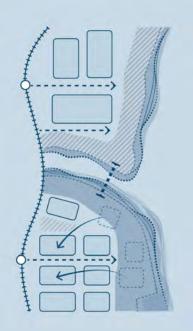
Who and What May Be Impacted by Flooding?

> Across All Flood Events Evaluated

14,000 buildings worth \$15 B

17% of daily economic output





## PREFERRED SCENARIO

PROTECT, RESTORE, AND TRANSITION

Combines elements of all three scenarios to create a long-term plan for more **resilient development** patterns, feasible **flood mitigation** projects, and transformational **open space/ecological improvements.** 

#### Includes:

- Implementable physical and nature-based infrastructure strategies such as flood barriers, stormwater infrastructure, and wetland restoration
- Policy and governance actions to promote more resilient development and improve coordination across levels of government
- Outreach, education and capacity building programs to improve flood risk awareness and promote community adaptation









# NJPACT: Resilient Environments And Landscapes (REAL) Reforms

To address the unavoidable impacts of climate change, such as sea-level rise, extreme weather, and chronic flooding, NJDEP is pursuing targeted regulatory reforms that will modernize the land use rules and focus on increased resiliency throughout the State.



Better protect against chronic inundation, sealevel rise, and flood damage





Protect critical facilities and infrastructure





Increased protection of land and water resources





Address increases in stormwater





Incentivize planning for climate change





Encourage nature-based solutions



Support renewable energy deployment



Improve DEP permitting processes



- ► Higher temperatures increase the energy in storms and allow the atmosphere to hold more water, which increases the potential for more intense precipitation and flooding
- ▶ By the end of the 21st century, heavy storm events are projected to occur 200 to 500% more often and with more intensity than in the 20th century
- Major flood events hit New Jersey in 2000, 2004, 2005, 2006, 2007, 2010, 2011, 2012, 2016, and 2021

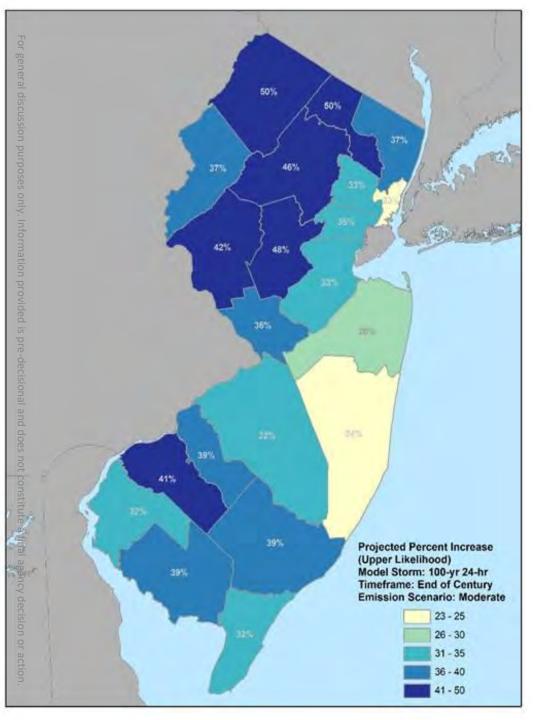
## NEW JERSEY'S INCREASING TEMPERATURES & PRECIPITATION

#### **INTENSIFYING RAINFALL & FLOODING IN NEW JERSEY**

- NJDEP and the Northeast Regional Climate Center, a National Oceanic and Atmospheric Administration (NOAA) partner, released studies in November 2021
  - confirming increases in precipitation across New Jersey over the last 20 years
  - projecting further increases in precipitation intensity over coming decades.
- The data presently used to analyze flood potential in waterways and in the design of stormwater infrastructure is outdated—it includes data only through 1999
- The precipitation expectations that presently guide state policy, planning and development criteria, and which rely upon data obtained through 1999, do not accurately reflect current precipitation intensity conditions







#### More Rain =

More Stormwater Runoff

#### **More Runoff** =

Increased Riverine Flow

#### More Flow =

Higher Flood Elevations

#### **CURRENT PRECIPITATION**

Since 1999:

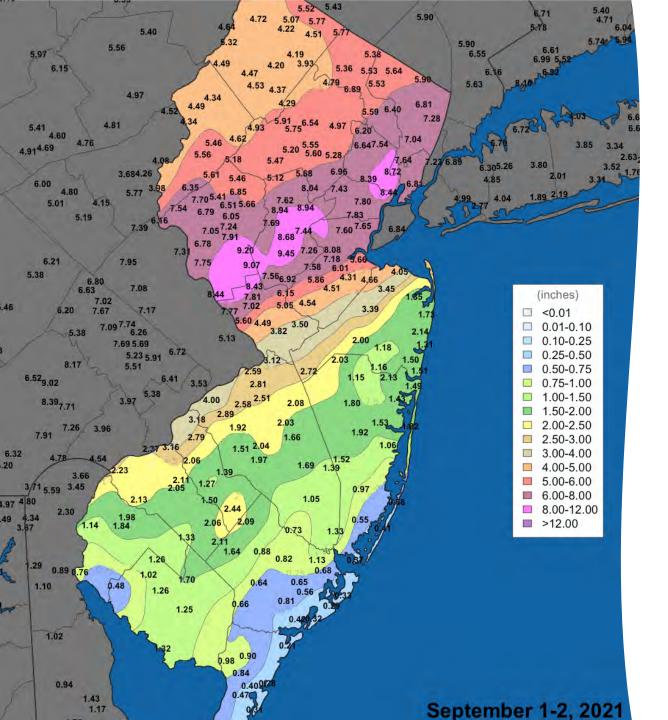
- The 2-year storm has increased as much as 5%
- The 10-year storm has increased as much as 7%
- The 100-year storm has increased as much as 15%

#### **FUTURE PRECIPITATION**

Over the coming decades:

- The 2-year storm is likely to increase by as much as 24%
- The 10-year storm likely to increased as much as 27%
- > The 100-year storm likely to increased as much as 50%

To make the data more user-friendly, DEP developed a weighted county-by-county average of adjustment factors for publication in the amended rules.



## REMNANTS OF TROPICAL STORM IDA

#### Record rainfalls

- Newark experienced an all-time record for highest one-hour rainfall total (3.65 inches)
- Documented 10+ inches of rainfall in parts of Hunterdon, Essex, Middlesex and Union Counties

#### Severe flash flooding due to intense precipitation

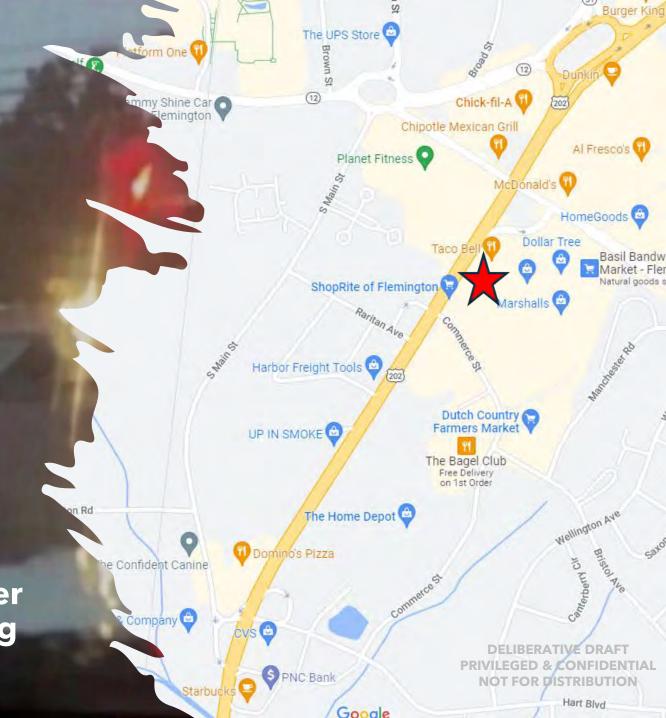
- Storm sewers were overwhelmed
- Streams and rivers couldn't convey so much water in such a short time
- More than 12 rivers exceeded their 100-year flood levels

#### Directly resulted in the loss of thirty lives

 Second deadliest natural disaster event to impact New Jersey in a century

# REMNANTS OF TROPICAL STORM IDA

Overwhelmed existing storm sewer systems resulting in flooding along roadways far from any streams



## IDA COMPARED WITH EXISTING FLOOD HAZARD RULES: CASE STUDIES

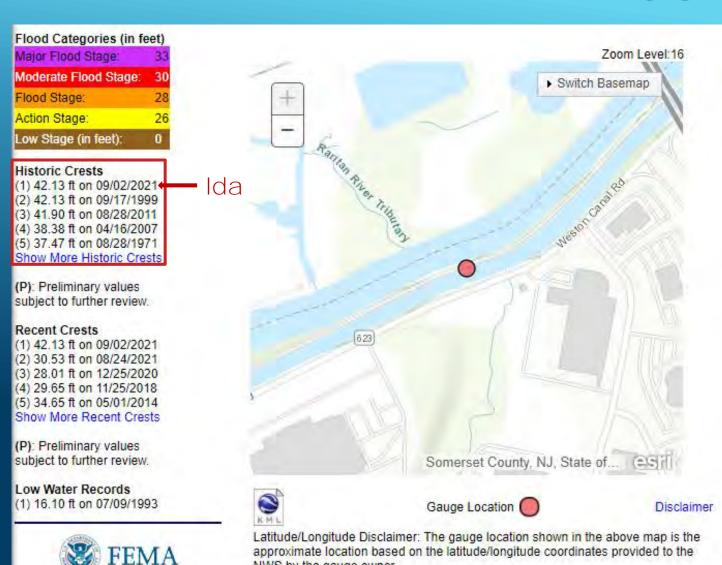
- ➤ The current FHACA Rules set the design flood elevation (DFE) as the higher of:
  - ► Flood elevation mapped by NJDEP (where available)
  - ► FEMA 100-year elevation plus 1 ft

- ► Ida case studies show average elevations of 3.1 feet above FEMA's 100-year flood elevation.
  - ► This is 2.1 ft higher than the current DFE.

### RARITAN RIVER AT BOUND BROOK



## RARITAN RIVER AT BOUND BROOK



NWS by the gauge owner.

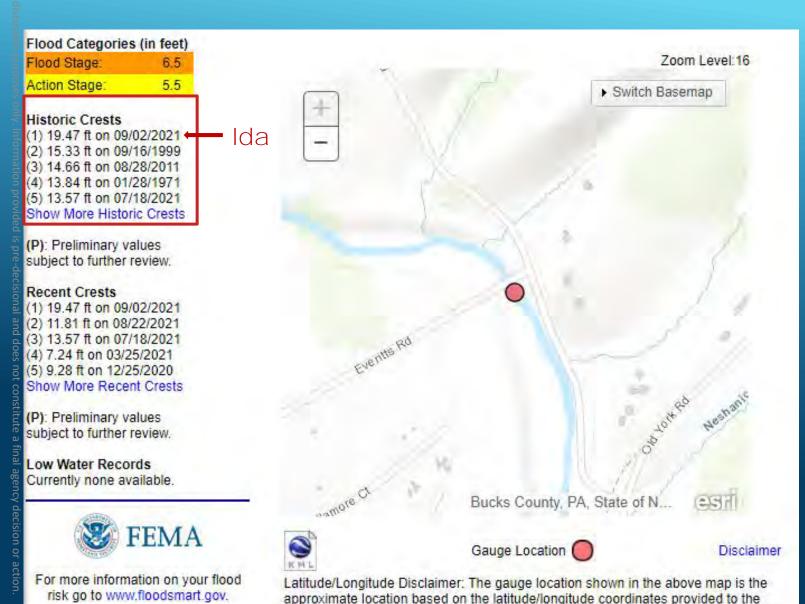
For more information on your flood risk go to www.floodsmart.gov.

- Flooding during Ida equaled 1999's Hurricane Floyd, which was the highest elevation ever recorded at Bound Brook.
- IDA peaked at 42.13 ft NGVD (41.21 NAVD) which is:
  - 3.01 feet above FEMA 100year elevation (38.2 ft NAVD)
  - 0.21 ft above FEMA's 500year flood elevation (41.0 ft NAVD)
- The 500-year flood elevation at this location has been exceeded three times since 1999.

## NESHANIC RIVER AT REAVILLE



### NESHANIC RIVER AT REAVILLE



NWS by the gauge owner.

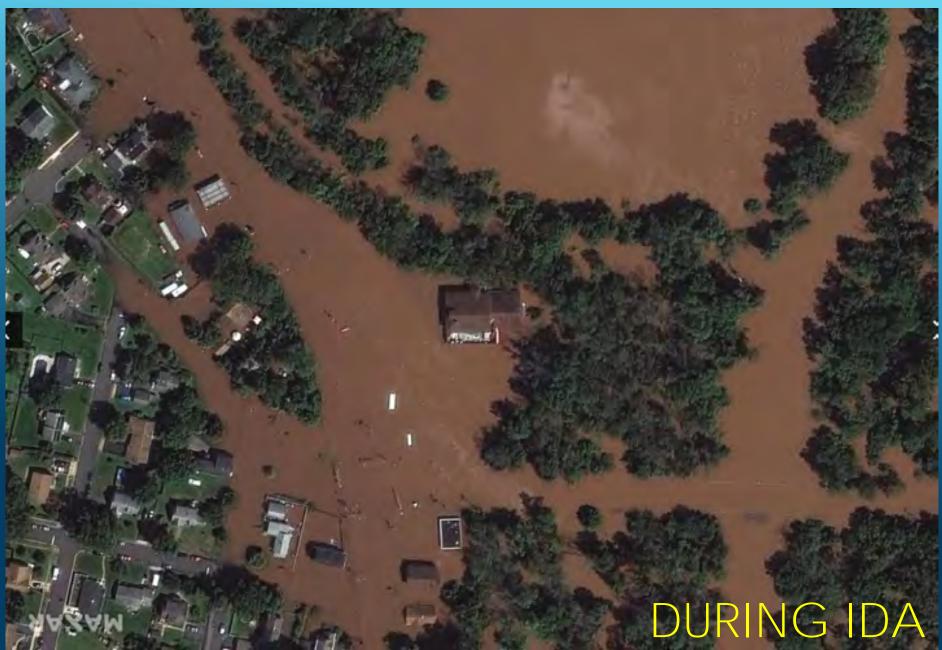
• Flooding during Tropical Storm Ida was more than 4.14 feet above 1999's Hurricane Floyd, which had previously been the highest elevation ever recorded at this location.











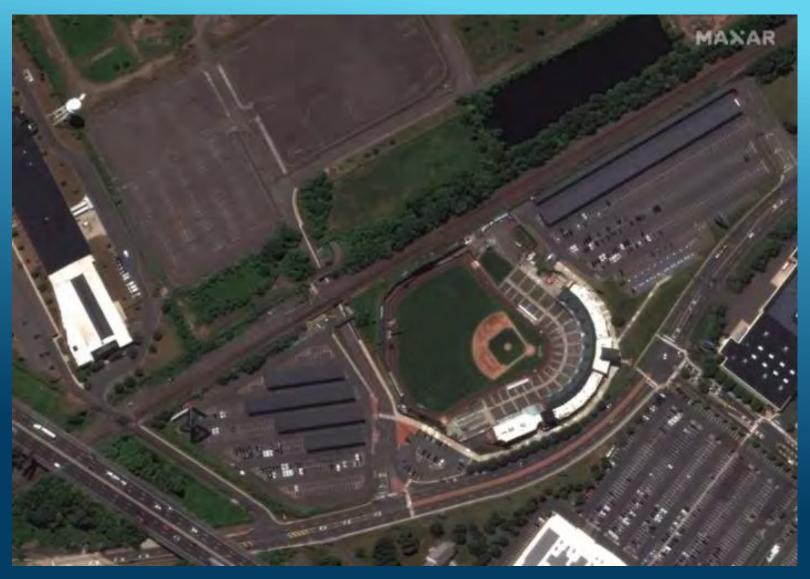


- Flooding peaked at roughly one foot above FEMA's 500-year flood elevation (43.5 ft NAVD) which is 2.5 ft above FEMA's 100-year flood elevation (41.0 ft NAVD).
- Flooding in Manville therefore peaked at approximately 3.5 feet above FEMA's 100-year flood elevation.





## RARITAN RIVER AT BRIDGEWATER



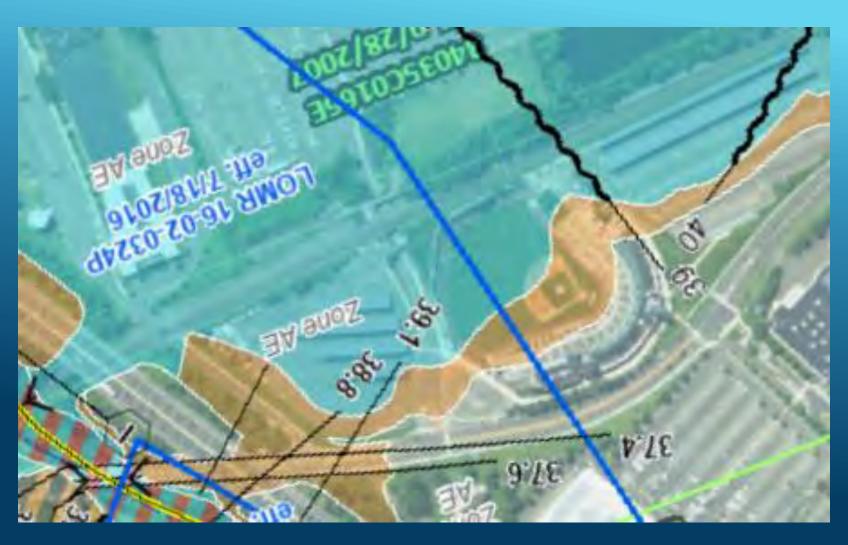
BEFORE IDA

### RARITAN RIVER AT BRIDGEWATER



DURING IDA

### RARITAN RIVER AT BRIDGEWATER



FEMA FLOOD MAP

### RARITAN RIVER AT BRIDGEWATER



 Flooding peaked roughly at FEMA's 500-year flood elevation (41.0 ft NAVD) which is 2.8 ft above FEMA's 100-year flood elevation (38.2 ft NAVD).

# IDA COMPARED WITH EXISTING FHACA RULES:

► To help protect communities from future flood damage, the DFE along streams and rivers will be raised by 2 ft above current standard.

### New DFE is the higher of:

- ► Flood elevation mapped by NJDEP (where available) plus 2 ft
- ► FEMA 100-year elevation plus 3 ft

## When calculating flow rates to determine DFE:

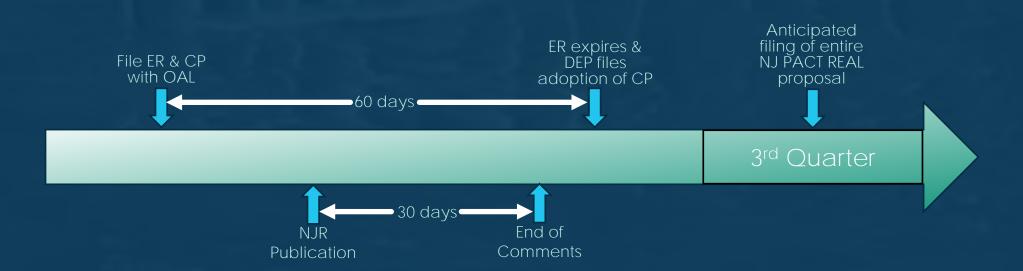
- Compute flow rates based on future anticipated 100-year precipitation
- Model design flood based on 125% of the computed flow rates

### EMERGENCY RULEMAKING

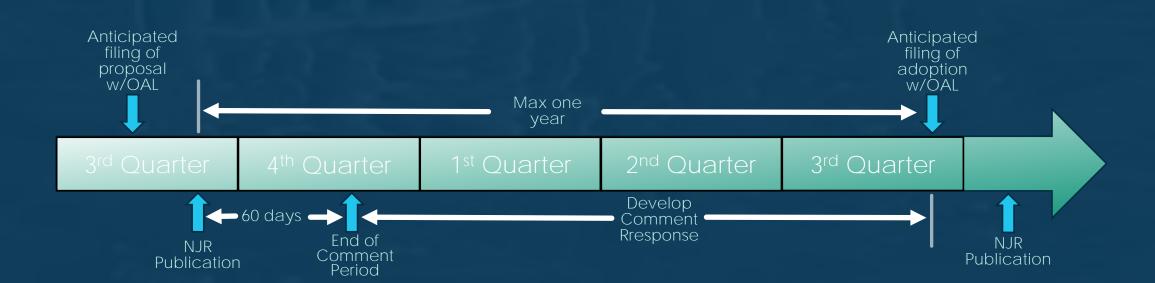
- Addresses three issues related to increased precipitation due to climate change:
  - 1. **"Current" rainfall data used by our rules was** computed only through 1999
  - 2. Rules do not account for future increases in precipitation due to climate change
  - Designs based on current flood mapping are not protective for future conditions:
    - Mapping reflects prior flooding patterns
    - Does not reflect changes due to climate change

### EMERGENCY RULEMAKING

- The Administrative Procedures Act provides that an agency can make emergency amendments to administrative code upon a finding of imminent peril to public health, safety and welfare
  - New rules become effective upon filing with Office of Administrative Law and are valid for 60 days
  - NJDEP will file both the emergency rulemaking and a concurrent proposal to enable the emergency provisions to remain in place past 60 days
  - Both the emergency rulemaking and concurrent proposal will be published in the New jersey Register, followed by a 30-day comment period



### NJPACT RULEMAKING



### EMERGENCY RULEMAKING

- Raises fluvial (non-tidal) design flood elevations by two feet
- Requires use of future projected precipitation when calculating design flood elevation
- 3. Ensures that permits and authorizations under the FHACA rules meet minimum NFIP standards and relevant sections of the UCC
- 4. Requires stormwater BMPs to be designed to manage runoff for both today's storms and future storms
- 5. Removes use of Rational and Modified Rational methods for stormwater calculations

KEY POINTS

### EMERGENCY RULEMAKING

- > To ensure that new investments are suited to:
  - Manage today's rainfall, runoff and flooding
  - The likely future conditions over the life of an asset
- Supports the wise deployment of Ida recovery and water infrastructure investments
- Informs new development and reconstruction; does not apply to existing development

# APPLICATION OF NEW FLOOD HAZARD AREA STANDARDS

All regulated activities are subject to the new standards upon filing rulemaking with OAL <u>unless</u>:

The regulated activity is part of a project that has a valid FHA permit (See N.J.A.C. 7:13-2.1(c)1)

OR

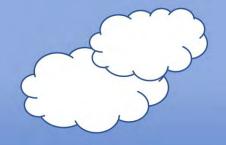
The regulated activity is part of a project that needs an FHA permit and a complete application for such was submitted to NJDEP prior to emergency rulemaking

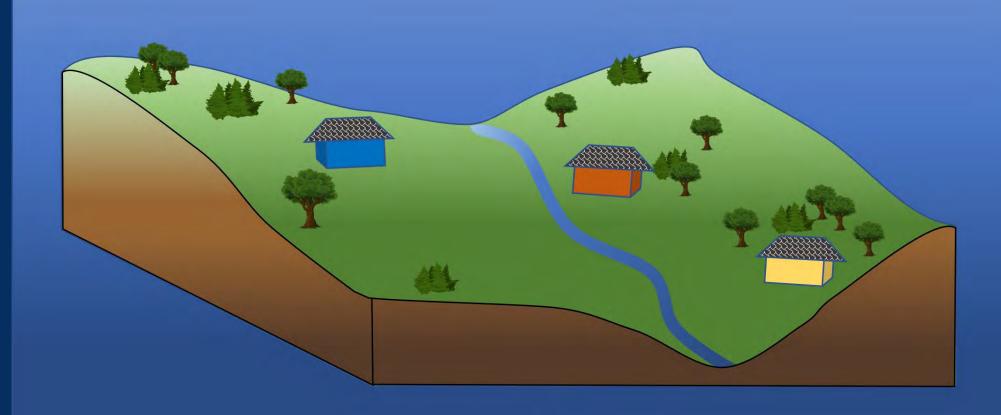
OR

- The regulated activity is part of a project that did not need an FHA permit prior to rulemaking where:
  - The project received all necessary Federal, State and local approvals prior to rulemaking and
  - Construction commenced prior to rulemaking (See N.J.A.C. 7:13-2.1(c)4)

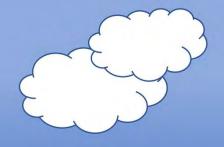
Note: Obtaining a flood hazard area verification or applicability determination prior to rulemaking does not automatically exempt a new project from the new standards

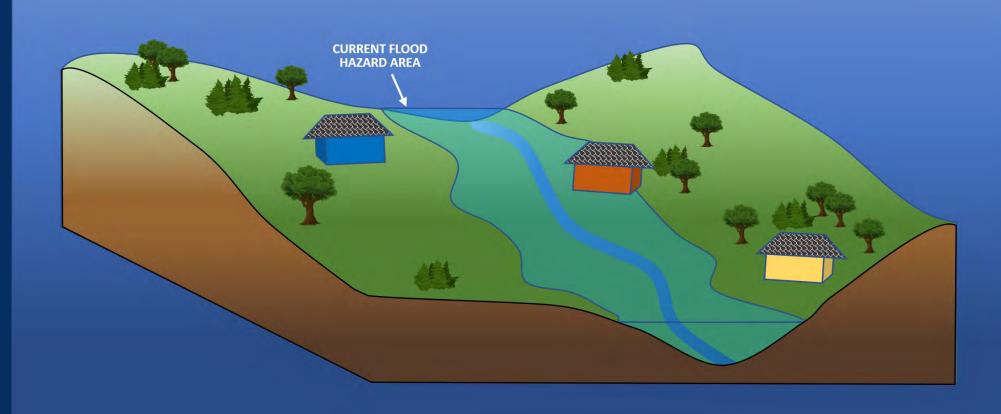
### Effect of New Flood Hazard Area Design Flood Elevation





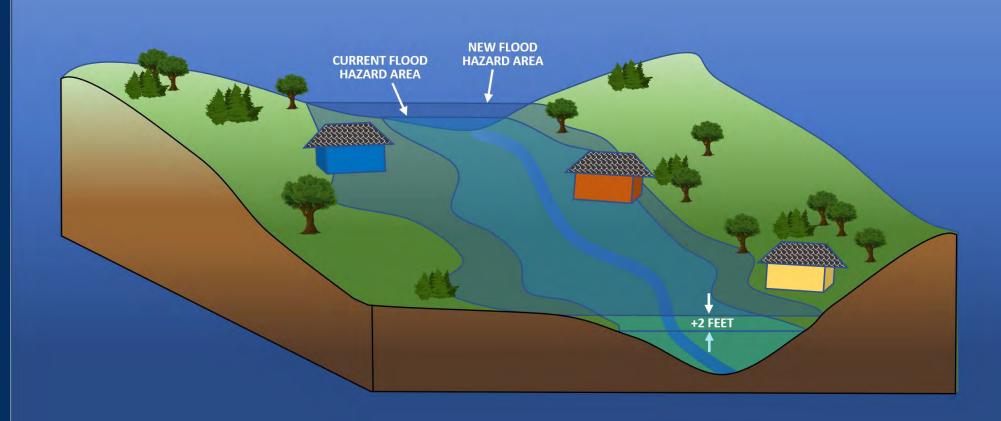
### Effect of New Flood Hazard Area Design Flood Elevation





### Effect of New Flood Hazard Area Design Flood Elevation





# APPLICATION OF NEW STORMWATER MANAGEMENT STANDARDS

All Major Developments are subject to the new standards upon filing rulemaking with OAL <u>unless</u>:

• The project needs an FHA, CZM, FWW or Highlands approval and a complete application for such was submitted to NJDEP prior to emergency rulemaking (See N.J.A.C. 7:8-1.6(b)2)

OR

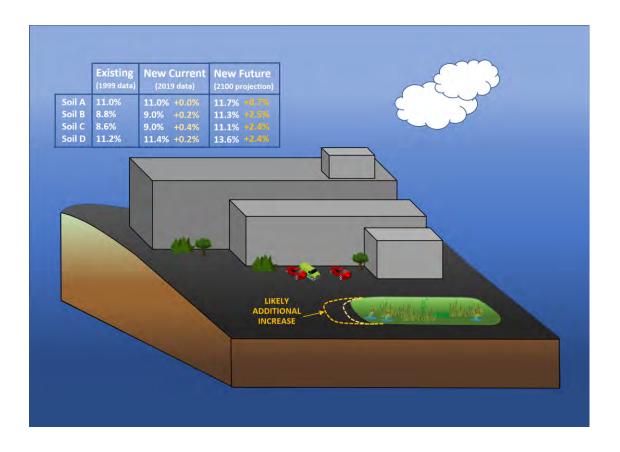
 The project does not need NJDEP approval and has received certain local approvals pursuant to the MLUL prior to emergency rulemaking (See N.J.A.C. 7:8-1.6(b)1)

Municipalities must amend their municipal stormwater ordinance within one year of the emergency rulemaking

 Projects covered by RSIS must meet new standards immediately (unless covered by N.J.A.C. 7:8-1.6(b)1)

### IMPACT OF PROPOSED RULE ON STORMWATER MANAGEMENT

- Accounting for existing increased rainfall and preparing for likely further increases results in nominal additional effort or cost during development
- ➤ Greater runoff and flood control can be achieved, for example, with a 2% increase in the amount of property required for stormwater controls
- Regulation would be deployed consistent with Governor EO 100 approach of utilizing flexible standards commensurate with risk recognizing that no one-size fits all



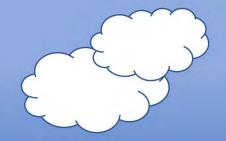


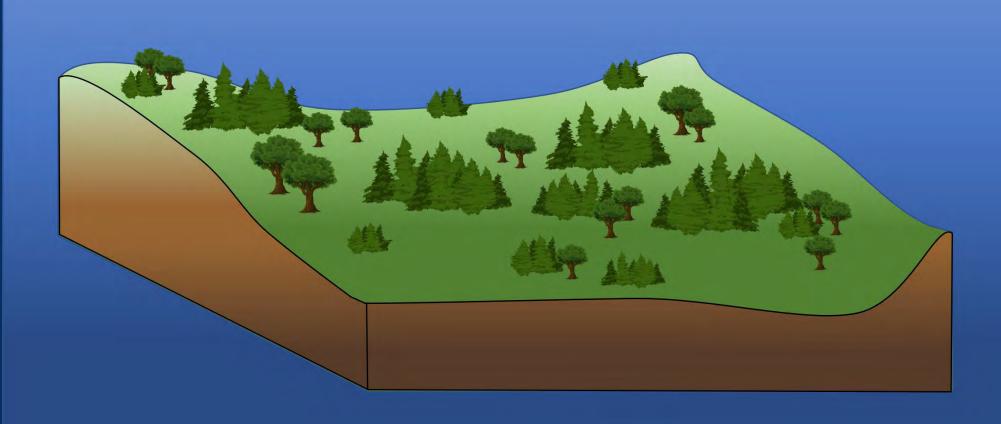
### **EXAMPLE:**

2.5 Acre Site

**Existing Conditions: Forested and Undeveloped** 

**Sussex County** 





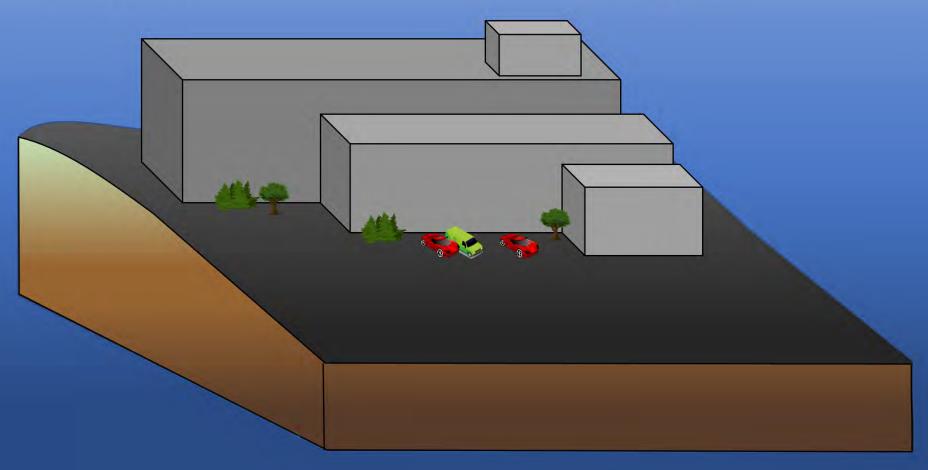
### **EXAMPLE:**

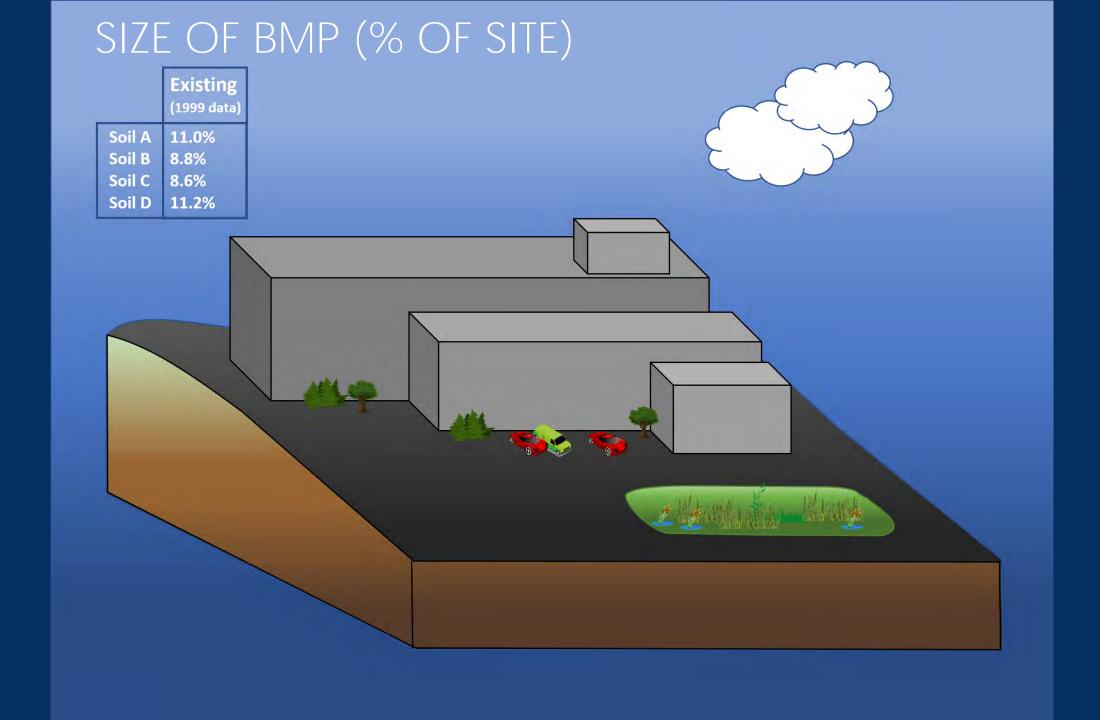
2.5 Acre Site

**Proposed Conditions: Parking Lot and Warehouse** 

**Sussex County** 

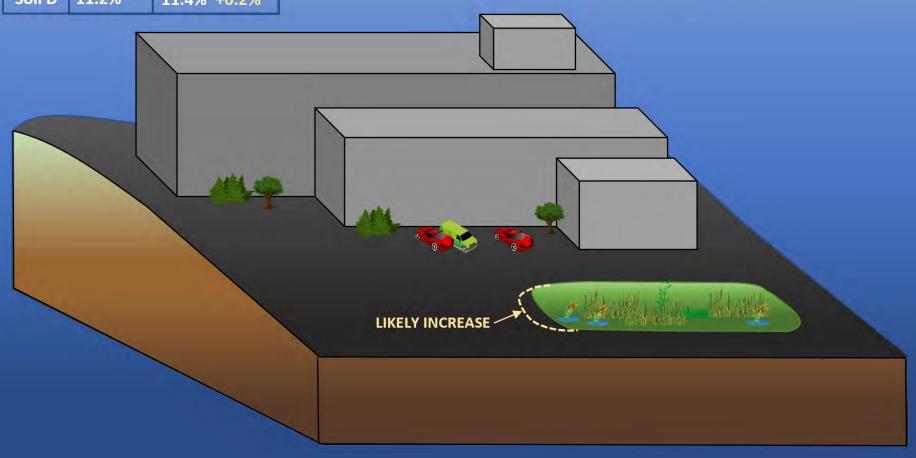






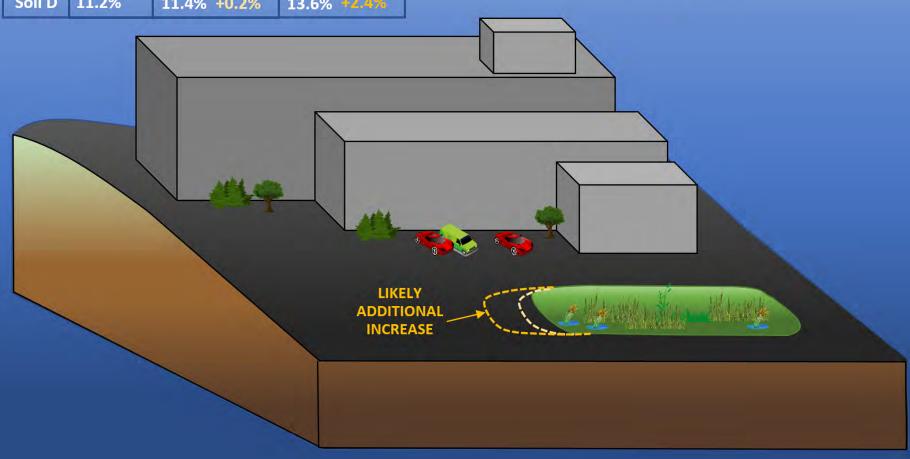
	Existing (1999 data)	New Current (2019 data)	
Soil A	11.0%	11.0% +0.0%	
Soil B	8.8%	9.0% +0.2%	
Soil C	8.6%	9.0% +0.4%	
Soil D	11.2%	11.4% +0.2%	





	Existing (1999 data)	New Current (2019 data)	New Future (2100 projection)
Soil A	11.0%	11.0% +0.0%	11.7% +0.7%
Soil B	8.8%	9.0% +0.2%	11.3% +2.5%
Soil C	8.6%	9.0% +0.4%	11.1% +2.4%
Soil D	11.2%	11.4% +0.2%	13.6% +2.4%





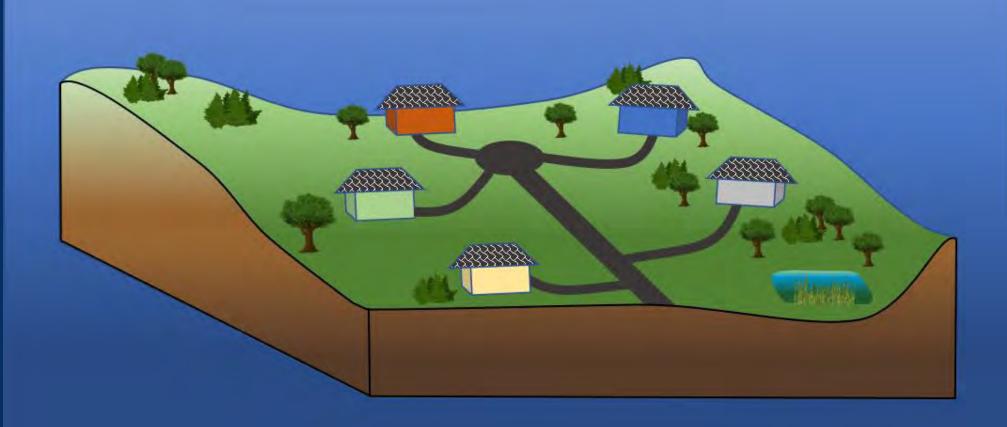
### **EXAMPLE:**

2.5 Acre Site

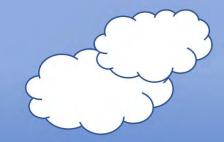
Proposed Conditions: Residential Subdivision (1/2 acre zoning)

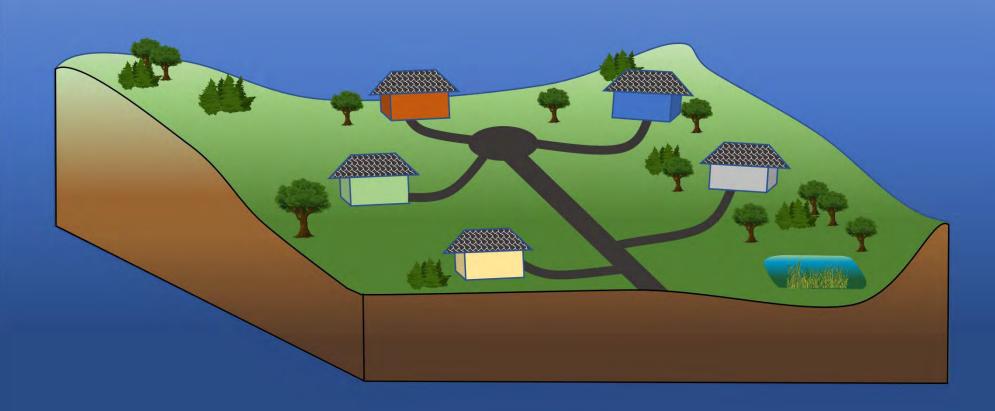
**Sussex County** 





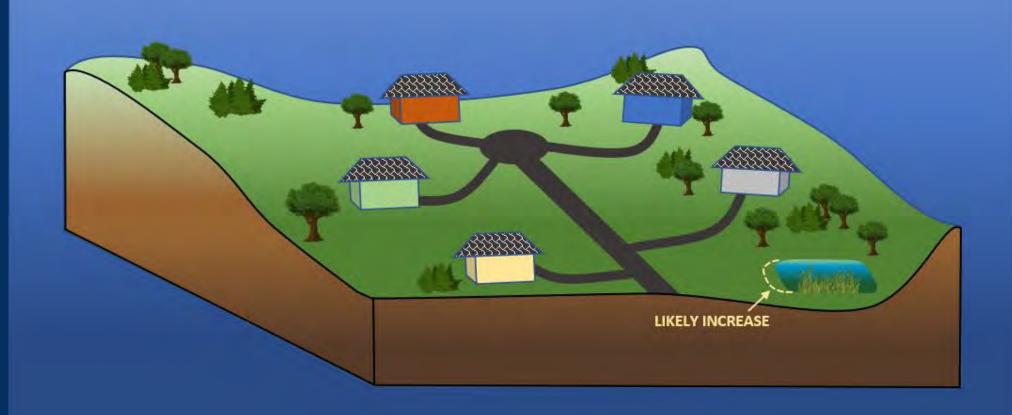
	Existing (1999 data)
oil A	4.1%
oil B	3.9%
oil C	4.3%
oil D	5.9%





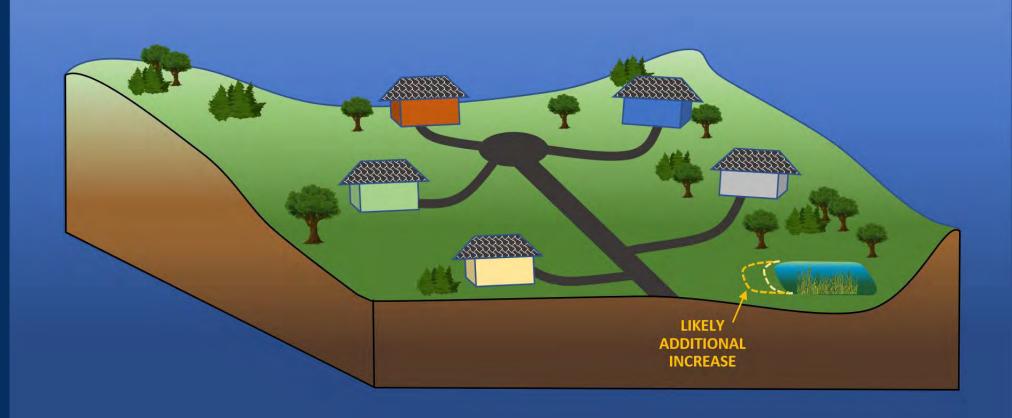
	Existing (1999 data)	New Current (2019 data)
Soil A	4.1%	4.1% +0.0%
Soil B	3.9%	4.1% +0.2%
Soil C	4.3%	4.5% +0.2%
Soil D	5.9%	6.1% +0.3%

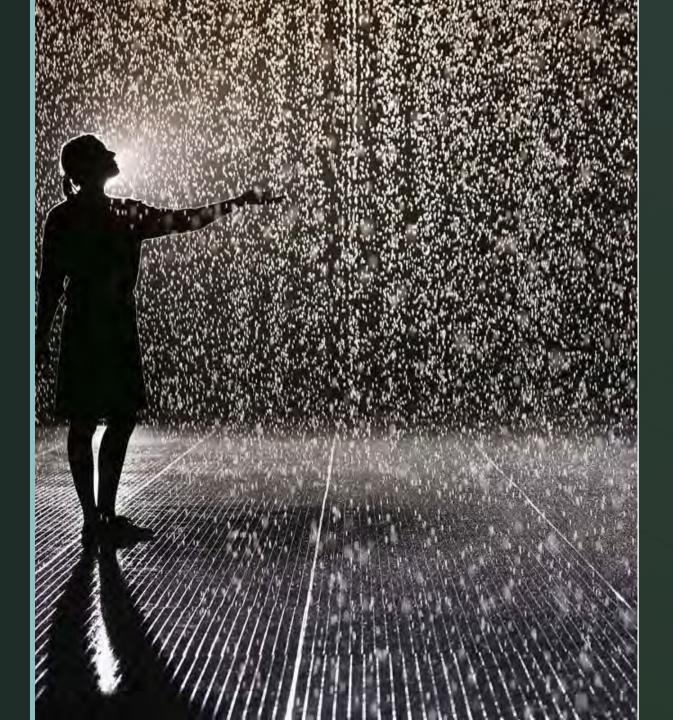




	Existing (1999 data)	New Current (2019 data)	New Future (2100 projection)
Soil A	4.1%	4.1% +0.0%	4.8% +0.7%
Soil B	3.9%	4.1% +0.2%	5.5% <b>+1.6%</b>
Soil C	4.3%	4.5% +0.2%	5.8% +1.6%
Soil D	5.9%	6.1% +0.3%	7.9% +2.1%







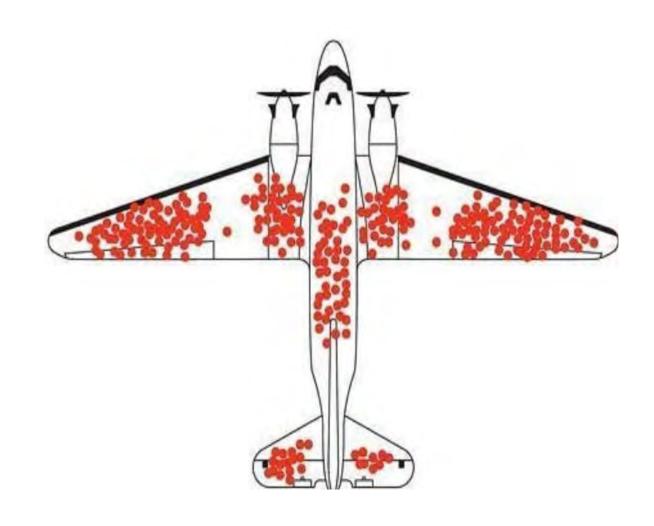
### THANK YOU

vincent.mazzei@dep.nj.gov www.nj.gov/dep



Abraham Wald 1902 - 1950

### What you see, is *not always* what you get



# 346,000

СҮ	# IA Awards	Avg IA Payout	#Flood Ins Claims	Avg Claim Payout	Tot Claims Payout
2021	44,164	\$5,122	6,231 *ongoing	\$48,857 *ongoing	\$304.4 M *ongoing
2020	<b>9,757</b> *COVID	\$6,857 *COVID	140	\$18,739	\$2.6 M
2019			283	\$23,651	\$6.7 M
2018			589	\$34,153	\$20.1 M
2017			128	\$28,602	\$3.6 M
2016			1,249	\$21,507	\$26.9 M
2015			107	\$14,955	\$1.6 M
2014			420	\$17,542	\$7.4 M
2013			210	\$12,046	\$2.5 M
2012	61,442	\$6,883	68,530	\$63,782	\$4,371 M
2011	49,280	\$3,591	19,188	\$34,076	\$653.8 M

# 13 Presidentially Declared NJ Disasters in past 11 years:

- Only 3 had Individual Assistance due to flooding (2020 COVID-19 Disaster was not a flood event)
- Remnants of Hurricane Ida claim payouts are 98% complete

Disaster assistance is designed to make a home "safe, sanitary and fit to occupy," not to restore it to pre-disaster condition.

### **Flood Insurance for Homeowners**



# EXTERIOR BUILDING COVERAGE

Drywall

Framing

Walls

Floors

Electrical systems

Insured building/foundation

Central A/C equipment

Window frames and panes

## INTERIOR BUILDING COVERAGE

Furnaces

Cabinets

Water heaters

Window blinds

Debris removal

Some appliances

Permanently installed carpeting

Permanently installed bookcases

### **CONTENTS COVERAGE**

if purchased separately

Dresser Clothing Couches Food freezers TV/electronics Mattress and frame Artwork (up to \$2,500) Kitchen table and chairs Clothes washers and dryers



Link: Flood Insurance for Homeowners: What's Covered? (floodsmart.gov)



### **Basement Flooding**

### **BUILDING COVERAGE**

Basement items are covered under Building Coverage if they are connected to power and installed. Examples include:



Central Air Conditioners



Electrical Outlets and Light Switches



Furnaces and Hot Water Heaters



Sump Pumps

### CONTENTS COVERAGE

Basement items are covered under Contents Coverage if they are connected to a power source. Examples include:



Clothing Washers and Dryers



Window Air Conditioners



Freezers and Contents

### NOT COVERED

Items not specifically listed in the policy are not covered in a basement. Examples include:



Finished Basement Home Improvements



Couches



Televisions



Family Photographs or Keepsakes

### **Contents Insurance**

Renters insurance typically doesn't cover flooding, and while a landlord may have flood insurance to protect the building, their insurance will not cover occupants' personal belongings.

A contents only flood insurance policy from the National Flood Insurance Program (NFIP) can fill gaps in coverage.



Link: Renters Infographic (floodsmart.gov)

### Why Risk Rating 2.0: Equity in Action

### **Equity:**

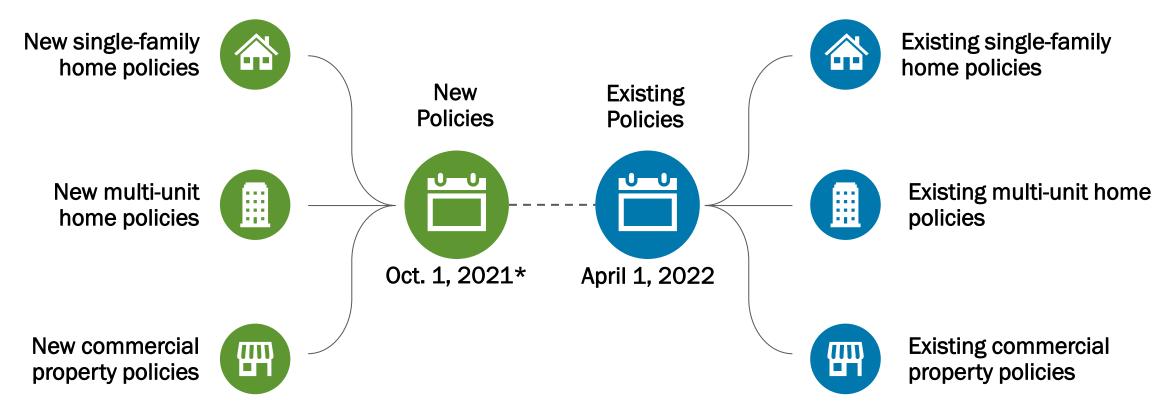
Individuals will **no longer pay more than their share** in flood insurance premiums based on the value of their homes.



Roughly 2/3 of policyholders with older pre-FIRM homes will see a premium decrease.



### **Equity in Action – Phased Approach**





\*Also beginning Oct. 1, 2021, existing policyholders eligible for renewal will be able to take advantage of immediate decreases in their premiums at the time of renewal.

# Equity in Action premiums will more accurately reflect a property's unique flood risk by considering a broader range of variables.

### **Current Rating Methodology**

### **FEMA-sourced data**

### Rating Variables

- Flood Insurance Rate Map Zone
- Base Flood Elevation
- Foundation Type
- Structural Elevation (Special Flood Hazard Area Only)

1% Annual Chance of Flooding (Frequency)

**Fees and Surcharges** 

### Risk Rating 2.0 Methodology\*

### **FEMA-sourced data**

Additional data sources: Federal governmentsourced data, commercially available third-party

### Cost to Rebuild

### Rating Variables

- Distance to Coast/Ocean/River
- River Class
- Flood type Fluvial/Pluvial
- Ground Elevation
- First Floor Height
- Construction Type/Foundation Type

**Broader Range of Flood Frequencies** 

### **Fees and Surcharges**

\*Additional variables are not shown here

Federal Emergency Management Agency





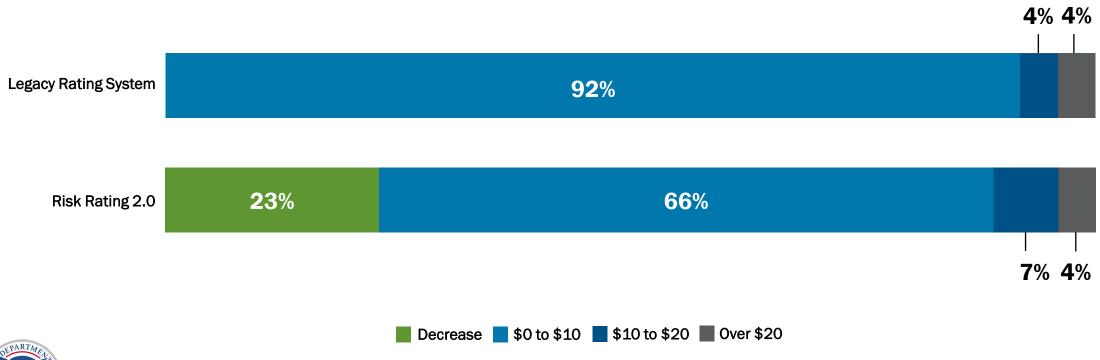
### What is Not Changing

- Statutory rate caps on annual premium increases
- Availability of premium discounts
- Transfers of policy discounts to new homeowners
- Use of Flood Insurance Rate Maps (FIRMs) for mandatory purchase and Floodplain Management
- Availability of premium discounts for Community Rating System (CRS) participation



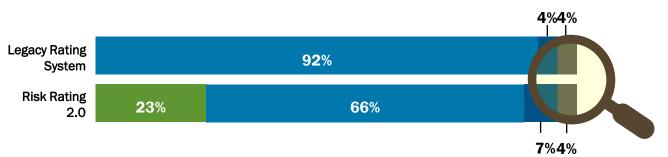
## Legacy Rating System vs. Risk Rating 2.0

The graphs compare rate analysis under the legacy rating system to the Risk Rating 2.0 rating system.





## Legacy Rating System vs. Risk Rating 2.0 - Policies Increasing >\$100/Month



Zoom in on Policies Increasing >\$100/Month

3,246

Under the legacy rating system, 45,035 policyholders have seen premium increases of more than \$100 per month. The single-family homeowners in this group have an average replacement cost value (RCV) of \$399,643.



Under Risk Rating 2.0: Equity in Action, only 3,246 policyholders will see premium increases of more than \$100 per month. The single-family homeowners in this group have an average RCV of \$1,064,537.



<\$100 **>**\$100



# What can policyholders with steep flood insurance costs today expect under Risk Rating 2.0?

Methodology	Single-Family Home Maximum Policy Cost*
Legacy Rating Methodology	\$45,925
Risk Rating 2.0	\$12,125

Policyholders paying the most under the legacy methodology will see dramatic decreases when they transition to Risk Rating 2.0.



## **Equity in Action – Resource Investments**

**TECHNOLOGY:** Cutting-edge technology and **best available data** used to make a **modern-day program**:

Private Sector Rate Setting Methods Private Sector Catastrophe Models Government Models, Available Data, and Collaborations



















## **Equity in Action - Endorsements**



"Based on FEMA's nationwide analysis, Risk Rating 2.0 will help ensure NFIP policyholders pay a **rate proportionate to their property risk**. The new initiative will also help FEMA identify and target mitigation grant dollars to the highest risk properties."

NAR includes 1.4 million brokers, salespeople, property managers, appraisers, counselors, and others engaged in all aspects of the real estate industry.



"Pew fully supports FEMA's updated approach and concludes that Risk Rating 2.0 will better align rates with risk, create a fairer program, increase transparency and understandability, and encourage additional mitigation from policyholders and communities."



## **Equity in Action – In the Press**



**Opinion:** Stopping price reform won't eliminate flood risk\* 4/2/2021

"Better preparing the NFIP for the realities of climate change is an important policy task in the coming years.

Risk Rating 2.0 is the first critical step."

\*This article was written by Carolyn Kousky, executive director at the Wharton Risk Management and Decision Processes Center at the University of Pennsylvania



## **Equity in Action – In the Press**

# WSJ OPINION

**Op-ed:** A Step Toward Flood *Insurance Fairness* \* 6/25/2021

"Better pricing will help taxpayers ...More reform is needed ... But letting FEMA's changes move forward would be a small step toward fairness and solvency."

\*This article was written by WSJ's editorial board.





Photo Credit: Mario Tama/Getty Images

## **Equity in Action – Industry Support**

### "We oppose efforts to delay this important initiative."

## Risk Rating 2.0...

- 1.2 million policyholders eligible for insurance premium decrease
- 90% will see a decrease or increase or less than \$10 a month
- More accurate and equitable way to determine a property's unique flood risk
- Provide property owners information on their full risk rate

- American Rivers
- Association of StateFloodplain Managers
- Enterprise Community Partners, Inc.
- League of Conservation Voters
- National Association of Mutual Insurance Companies
- National Institute of Building Sciences
- Natural Resources Defense Council

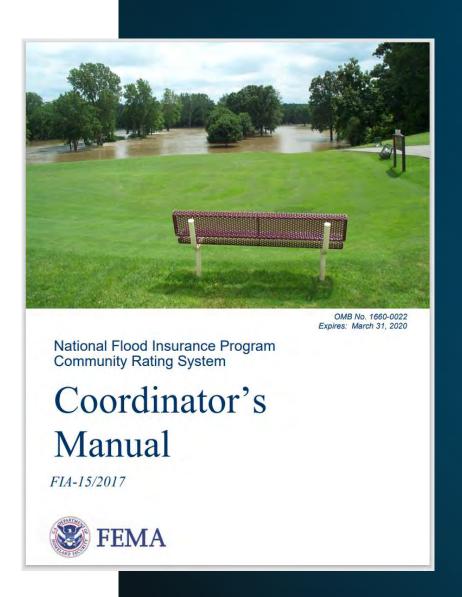
- National Wildlife Federation
- National Taxpayers Union
- R Street Institute
- Reinsurance Association of America
- SmaterSafer
- Smart Home America
- Taxpayers for Common Sense
- The American Consumer Institute
- Building Sciences 

  The Pew Charitable Trusts



# Community Rating System (CRS) Discount

- Communities will continue to earn rate discounts of 5% - 45% on NFIP policies
- The discount will be uniformly applied to all policies in the community, that includes structures OUTSIDE the Special Flood Hazard Area.
- Post-FIRM minus rated policies will be excluded from the CRS discounts.





## NOT JUST A PRODUCT BUT A PROGRAM

## Benefits of a NFIP policy:

- Policy holders cannot be dropped
- Policy cap is at \$12,125 for single-family homes
- Policies are transferable
- Mitigation credits
- Community Rating System (CRS) discounts
- Eligibility factor for certain FEMA Grant Programs (administered by the NJ Office of Emergency Management)
- Increased Cost of Compliance (ICC)

## **Affordability**

FEMA

- The 2018 Affordability Framework is guiding policy conversations
- The President's FY22 Budget includes a legislative proposal to provide affordability assistance
- A targeted assistance program would support low to moderate income policyholders
- We will continue to engage with Congress to reduce barriers to purchasing flood insurance





## **NFIP Marketing Content**

#### **Available Content**

- Social Media Posts
- Social Media Calendars
- Videos
- Talking Points

- Drafted Email Templates
- Email Headers
- Multilingual Resources
- Webinars
- Trainings
- Articles

#### **Links to Bookmark**

- Agents.Floodsmart.gov
- NFIP LinkedIn
- Resource Library
- Available Trainings & Webinars
- NFIP Articles
- NFIP Marketing Campaigns



## **Equity in Action – Learn More**

Explore more about Risk Rating 2.0 – Equity in Action by visiting <a href="https://www.fema.gov/nfiptransformation">www.fema.gov/nfiptransformation</a>.

#### **Available Products and Resources**

- <u>Equity in Action Fact</u>
   <u>Sheet</u>
- <u>Video: Defining a</u>
   <u>Property's Unique Flood</u>
   Risk

- National Rate Analysis
- State Profiles
- ZIP Code-Level Data
- County-Level Data

- Methodology Data Source
- Premium Calculation
   Worksheet Examples
- Appendix D Rating Factors



## Questions

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## **ADDITIONAL RESOURCES**

## Resources

#### **General NFIP Resources**

- Community Rating System | FEMA.gov
- Flood Insurance | FEMA.gov
- FloodSmart | Why Buy Flood Insurance?
- FloodSmart | The National Flood Insurance Program
- The National Flood Insurance Program | FloodSmart | NFIPServices | Flood Insurance Data and Analytics

#### Risk Rating 2.0 Resources

- Risk Rating 2.0: Equity in Action | FEMA.gov
- Equity in Action Fact Sheet
- FloodSmart | Risk Rating 2.0: Equity in Action
- Renewing Flood Insurance Policies Under Risk Rating 2.0: Equity in Action
- Risk Rating 2.0 Equity in Action Phase II Transition of Current Policies PowerPoint Slides

#### Risk Rating 2.0 Technical Resources

- FEMA Risk Rating Methodology and Data Report January 2022
- Risk Rating 2.0 Methodology and Data Sources Premium Calculation Worksheet Examples
- Risk Rating 2.0 Methodology and Data Sources Appendix D Rating Factors
- Levees in Risk Rating 2.0 (fema.gov)

#### Premium Changes Under Risk Rating 2.0

- Risk Rating 2.0 State Profiles | FEMA.gov
- State Totals: Projected Risk Rating 2.0 Premium Changes All NFIP & SFH Policies (arcgis.com)
- All Policies by Zip Code: Projected Risk Rating 2.0 Premium Changes (arcgis.com)
- SFH Policies by Zip Code: Projected Risk Rating 2.0 Premium Changes (arcgis.com)

