Coastal Virginia CRS Workgroup November 2017 Meeting









UPDATES/ANNOUNCEMENTS/DISCUSSION TOPICS

WIFI Info

VA Floodplain Managers Update

- DHCD Building in the Flood Zone online class: recommended by Ken Somerset,
 City of Poquoson
- Join the VFMA, only \$20 membership fee

CRS NOAA Guidance Workshop/Trailing Training?

- Bring your GIS staff to Workgroup day?
- M-C sent NOAA/TNC team January & March dates for potential training

Whitney (VA Beach) Question:

• When filling out the EC, if there are engineered vents, should the numbers in A8 & A9 use the engineered area or actual opening area?

2018 Meeting Dates (all James Room)

Wednesday, January 24th, 10AM-Noon

Wednesday, March 31st, 10AM-Noon

Wednesday, May 30th, 10AM-Noon

Wednesday, July 25th, 10AM-Noon

Wednesday, September 26th, 10AM-Noon

Wednesday, November 28th, 10AM-Noon





PRESENTATION FROM TYLER ARDRON

E. Tyler Ardron

Licensed Insurance Broker & Certified Floodplain Manager for Smartvent & Risk Reduction Plus Group. Tyler has practiced sound floodplain management for 5 years now. Working with towns, and the public all across the country to learn about proper mitigation and how it all relates to the National Flood Insurance Program.





FEMA Elevation Certificate, the NFIP and Floodplain Management Perspective

Who We Are



Tyler Ardron, CFM
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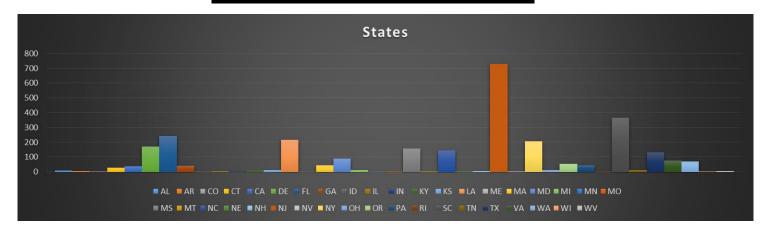


Data is Driving Changes with FEMA and the NFIP





F.R.E. Lifetime Stats



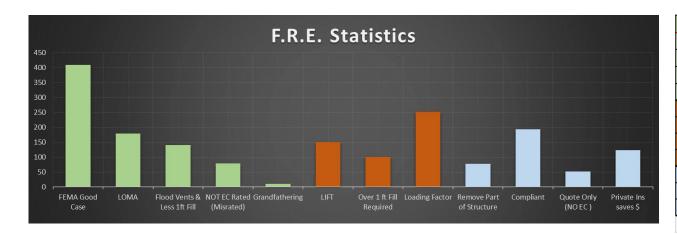
2942 total reviews

Total Customer Premium Reductions = \$5,086,910

34% are cases that we can lower with reasonable mitigation.

The Reasonable Mitigation Cases saved \$1,842,722.00.





FEMA Good Case	409	30%
LOMA	179	13%
Flood Vents & Less 1ft Fill	140	10%
NOT EC Rated (Misrated)	79	6%
Grandfathering	11	1%
LIFT	151	11%
Over 1 ft Fill Required	100	7%
Loading Factor	252	19%
Remove Part of Structure	78	6%
Compliant	193	14%
Quote Only (NO EC)	52	4%
Private Ins saves \$	123	9%
	1358	100%

1358 Reviews / Total Customer Premium Reductions = \$2,695,493.00

30% of our reviewed cases can pay lower premiums with reasonable mitigation. The Reasonable Mitigation Cases saved **\$829,339.00** this year.

FEMA Good Case: This is a simple combination of the sections below:

LOMA: Structure is eligible to apply for a LOMA with FEMA and be placed into the X Zone.

Flood Vents: These are structures where the addition of compliant Flood Vents and less than 1' of fill/LAG change, will lower flood premiums.

Not EC Rated: Policy in force does not use the existing Elevation Certificate for rating, which would reflect a lower premium. As well as other misratings.

Grandfather: Structures that are compliant, are eligible for Grandfathering to flood map enforced at time of construction.

Top Errors on Policies (Misratings):

- Residency status incorrect (Primary/Non-Primary)
- Pre-FIRM structures not rated off EC, when it would be more beneficial to the owner.
- Floor Elevation difference is misrated (compared to BFE)
- Some cases are eligible for LOMA's and still have high policies. Agents don't catch this info.





FLOOD RISK EVALUATION REPORT

STEPS TO LOWER YOUR FLOOD INSURANCE

TOR OLIENT INFORMATION

Robert Wagner 4218

DDRESS: N.Galena Road Peoria

Y:

STATE: ZIP: 61614

PHONE:

EMAIL:

CURRENT PREMIUM

CURRENT NFIP RATING

AFTER F. R.E. PREMIUM
AFTER F. R.E. NFIP RATING

\$2,038 -9

> \$511 (

See end of repon for formal Recluction ___insurance quore.

ANNUAL SAVINGS

1YEAR \$1,527 5 YEARS \$7,635 10 YEARS \$15,270 20 YEARS \$30,540

PREMIUM REDUCTION

759

INSURED BUILDING ADDRESS

ADDRESS: 218 N.Galena Road

CITY: Peoria
STATE: ZIP: IL

61614

REPORT PREPARED BY

Brendan Kane, Cert fied Floodplain

CFM#US-13-07255

p:prane@youghpodrisk.com

F.R.E. STEPS TO LOWER FLOOD INSURANCE

Additional ventingis needed forimproved compliance

Report Requested By

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Page:1of 5

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DJsclalmer:Finding\$ within thisreport are based on avaJ.ableWi:>rmatiom provided intan Eleva.fion Cedmcate. Images are reprNenfahon3 of typical building ciagrams and maynotde3ai>e the bulcfing e.x.acl/y.

phoneoB77-441-83eB em'":ec@,...,oodnsk.oom

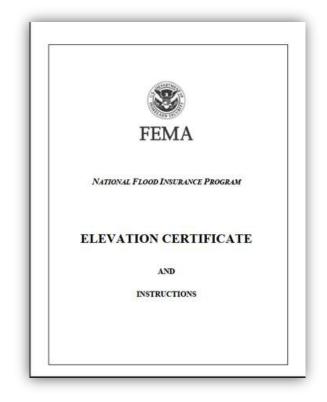
WWW YOURFLOODR SK.COM

It All Starts Here



Three required components

- ✓ Accurate Elevation Certificates
- ✓ Knowledgeable Professionals
- ✓ Owners willingness to modify



Why's the Elevation Certificate Important

The impact of Loss of Subsidies



Why's the Elevation Certificate Important

- HFIAA Act is increasing subsidized premiums 18%-25% a year
- An Elevation Certificate is the only way to see what the actuarial rating is
- Policies will continue to rise until that elevation certificate is submitted to the agent

NFIP – National Flood Insurance Act of 1968

- Managed by FEMA Mitigation Division
- Objective is to protect structures built in floodplains
- Communities must have floodplain ordinances
- Rewarded with Federally backed flood insurance
- High Risk = High Premium

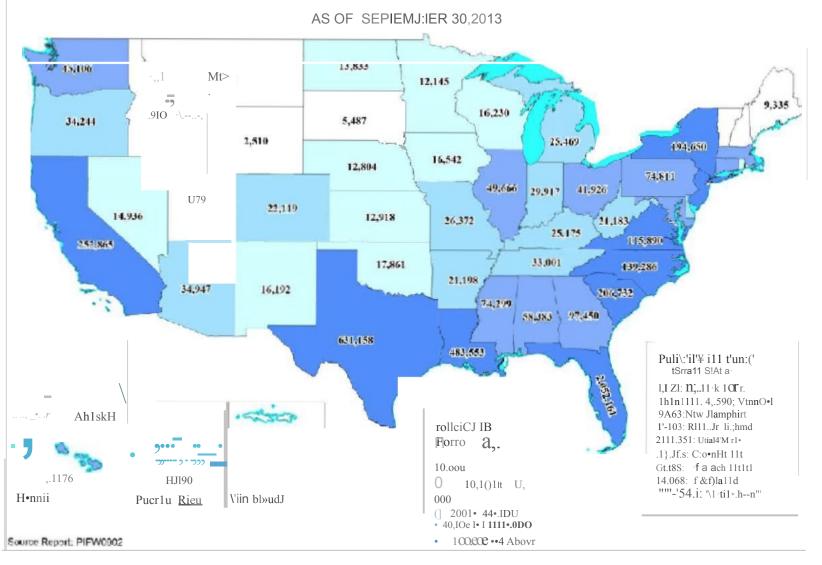


NFIP - The Three-Legged Stool

- •The NFIP balances three related program areas:
 - Flood Hazard Identification (mapping).
 - Floodplain Management (regulations such as building codes and zoning).
 - Flood Insurance (provision of low-cost insurance for property owners in participating communities).



National Flood Insurance Program Total Number of Policies in Force



NFIP Coverage Limits

- One to four-Family Structures
 - \$250,000 building
 - \$100,000 contents
- Business structures
 - \$500,000 building
 - \$500,000 contents

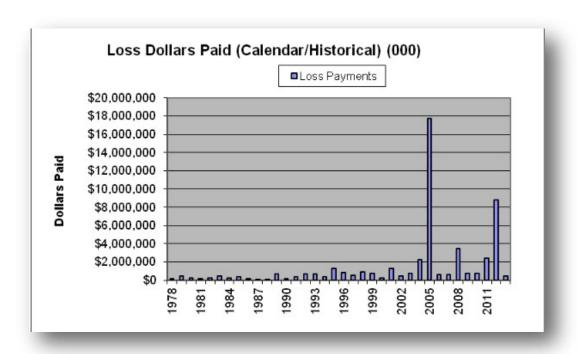




Why NFIP Reform

Goal: Become Fiscally Sound Again

- 2005 (Katrina): Premium generated \$1.9 billion
- 2012 (Sandy): Premium generated \$3.3 billion



July 2012 – Biggert Waters (BW-12)

- Key: Raises rates to reflect true flood risk
- Eliminates artificially low rates for Pre-Firm homes
- 20% of NFIP Policies receive these subsidies

20 -25%



Biggert Waters Flood Insurance Reform Act of 2012

Impact of National Flood Insurance Program (NFIP) Changes

Note: This Fact Sheet deals specifically with Sections 205 and 207 of the Act.

■ n 2012, the U.S. Congress passed the Biggert Waters Flood Insurance Reform Act of 2012 which calls on the Federal Emergency Management Agency (FEMA) and other agencies to make a number of changes to the way the NFIP is run. Some of these changes have already been put in place, and others will be implemented in the coming months. Key provisions of the legislation will require the NFIP to raise rates to reflect true flood risk, make the program more financially stable, and change how Flood Insurance Rate Map (FIRM) updates impact policyholders. The changes will mean premium rate increases for some – but not all – policyholders over time.

Background:

In 1968, Congress created the National Flood Insurance Program (NFIP). Since most homeowners' insurance policies did not cover flood, property owners who experienced a flood often found themselves financially devastated and unable to rebuild. The NFIP was formed to fill that gap and was designed to incorporate community adoption of minimum standards for new construction and development to minimize future risk of flood damage. Pre-existing homes and businesses, however, could remain as they were. Owners of many of these older properties were eligible to obtain insurance at lower, subsidized rates that did not reflect the property's true flood risk.

In addition, as the initial flood risk identified by the NFIP has been updated, many homes and businesses that had been built in compilance with existing standards have received discounted rates in areas where the risk of flood was revised. This "Grandfathering" approach prevented rate increases for existing properties when the flood risk in their area increased.

After 45 years, flood risks continue and the costs and consequences of flooding are increasing dramatically. In 2012, Congress passed legislation to make the NFIP more sustainable and financially sound over the long term

What this means:

The new law eliminates some artificially low rates and discounts which are no longer sustainable. Most flood insurance rates will now move to reflect full risk, and flood insurance rates will rise on some policies.

Actions such as buying a property, allowing a policy to lapse, or purchasing a new policy can trigger rate changes. You should talk to your insurance agent about how changes may affect your property and flood insurance policy. There are investments you and your community can make to reduce the impact of rate changes. And FEMA can help communities lower flood risk and flood insurance premiums.

What is Changing Now?

Most rates for most properties will more accurately reflect risk. Subsidized rates for non-primary/secondary residences are being phased out now. Subsidized rates for certain other classes of properties will be eliminated over time, beginning in late 2013. There are several actions which can trigger a rate change, and not everyone will be affected. It's important to know the distinctions and actions to avoid, or to take, to lessen the impacts.

March 2014 Grimm – Waters (GW-14)

Here to Save the day?



Homeowner Flood Insurance Affordability Act

Overview

On March 21, 2014, President Obama signed the Homeowner Flood Insurance Affordability Act of 2014 into law

This law repeals and modifies certain provisions of the Biggert-Waters Flood Insurance Reform Act, which was enacted in 2012, and makes additional program changes to other aspects of the program not covered by that Act. Many provisions of the Biggert-Waters Flood Insurance Reform Act remain and are still being implemented.

While FEMA actively works to implement the new law, we encourage policyholders to maintain and keep current flood insurance policies. FEMA does NOT recommend cancelling a flood insurance policy. Cancelling flood insurance policy Cancelling flood insurance policy and the policyholders unprotected during spring flooding and may cause policyholders to lose important discounts on their rate if they reinstate in the future.

- The new law lowers the recent rate increases on some policies, prevents some future rate increases, and implements a surcharge on all policyholders. The Act also repeals certain rate increases that have already gone into effect and provides for refunds to those policyholders. The Act also authorizes additional resources for the National Academy of Sciences (NAS) to complete the affordability study.
- FEMA looks forward to working with Congress, the private Write Your Own insurance companies, and other stakeholders to implement these Congressionally mandated reforms and to working toward our shared goals of helping families maintan affordable flood insurance, ensuing the financial stability of the NFIP, and reducing the risks and consequences of flooding nationwide. FEMA will also continue to identify and publish special flood hazards and flood risk zones as authorized and required by Congress.
- FEMA has actively begun analyzing and prioritizing implementation of the new law. We will be
 working with the private Write Your Own insurance companies in the next few weeks to seek their
 input and expertise prior to issuing business practice bulletins.
- It is not possible for changes to happen immediately. While the new law does require some changes to be made retroactively, applying to certain policies written after July 6, 2012, other changes require establishment of new programs, processes and procedures.
- FEMA's initial priority is assessing potential changes to the NFIP's business processes to stop policy increases for certain subsidized policyholders as outlined in the Act.
- FEMA also plans to issue guidance in the months ahead for the Write Your Own insurance
 companies to begin issuing refunds as outlined in the law for some policyholders who were
 previously impacted by subsidy phase outs.
- · More information on the new law and its impacts on the NFIP will be forthcoming.

AKA: Homeowner Flood Insurance Affordability Act

Repeals and modifies certain provision of BW-12 but also makes some additions

18-25%



FEMA Section 28 Clear Communication of Risk

- Started going out January of 2017
- Policyholders will receive them upon renewal
- The NFIP has identified seven categories to receive information based on their risk and current premium rates.
 - Letter A: Newly Mapped into the Special Flood Hazard Area
 - Letter B: Standard X, not grandfathered
 - Letter C: Standard X, grandfathered
 - Letter D: Pre-FIRM primary
 - Letter E: Pre-FIRM non primary
 - Letter F: PRP
 - Letter G Post Firm Full risk



Wat Will Your Hood Risk

Yar Discounted Rate is Being Phased Out Lean More.

Your situation (LENTERA): An updated flood map shows your property is at high risk for flooding. You can expect your discounted rate to indexee by approximately 15, not to exceed 18 percent a year. You may eventually need an Elevation Certificate, but having one probably won't be financially beneficial for most policyholders until quite a few years from now. K now your options.





New Program Changes | April 1, 2017 (Handout Included Left Side)

Average Increase: 6.3%



National Flood Insurance Program (NFIP) April 01, 2017 Program Changes: A Summary See: FEMA Bulletin W-16071 April 01, 2017 Program Changes

The changes outlined in this summary apply to new business and renewals that will become effective on or after April 01, 2017.

Premium Increases

All premium increases effective April 01, 2017 comply with all the requirements of both Biggert-Waters Flood Insurance Reform Act of 2012 and the Homeowners Flood Insurance Affordability Act of 2014:

- Premiums will increase from an estimated average of \$827 per policy to \$878 for an average increase of 6.3% (HFIAA surcharge or the Federal Policy Fee are not included)
- When the HFIAA and Federal Policy Fee are included, the total amount billed the policyholder will increase from \$953 to \$1,005 for an average increase of 5.4%
- There is NO change to the Deductible Factor, Federal Policy Fee, Reserve Fund Assessment, HFIAA Surcharge, Probation Surcharge or ICC Premiums.

Special Flood Hazard Are as			
Pre-FIRM	Policies rated without an elevation cer tificate	Combined Premium Increase / Total Incre	
Primary Residences	A, AO, AH, A1-A30, AE, A99, AR, V, VE, V1-V30	5% / 5%	
Non-Primary Residences	A, AO, AH, A1-A30, AE, A99, AR, V, VE, V1-V30	24% / 21%	
Severe Repetitive Loss properties, Substantially Improved properties, and Nonresidential Business	A, AO, AH, A1-A30, AE, A99, AR, V, VE, V1-V30	25% / 23%	
Other Nonresidential	A, AO, AH, A1-A30, AE, A99, AR, V, VE, V1-V30	8% / 7%	
Other Subsidized Polices			
A99	Receiving PRP Rates (must meet eligibility criteria)	- 64% / -58%	
Post-FIRM	Policies rated with an elevation certificate	Combined Premium Increase / Total Increase	
All occupancy types	V, V1-30, & VE	7% / 7%	
All occupancy types	A1-A30, AE	1% / 1%	
All occupancy types	AO, AH, AOB, AHB	Premiums remain unchanged	
All occupancy types	Unnumbered A	5% / 4%	
Non Special Flood Hazard A	reas		
200		Combined Premium Increase / Total Increase	
Pre-FIRM/Post-FIRM all occupancy types	Preferred Risk Policies (PRP)	Premiums remain unchanged	
Pre-FIRM/Post-FIRM all occupancy types	Standard rated B, C, and X	2% / 1%	

Contact Risk Reduction Plus Group™ at (866)599-7055 for additional information.

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Pre-Firm/Post-Firm Increases

Special Flood Hazard Areas		
Pre-FIRM	Policies rated without an elevation certificate	Combined Premium Increase / Total Increase
Primary Residences	A, AO, AH, A1-A30, AE, A99, AR, V, VE, V1-V30	5% / 5%
Non-Primary Residences	A, AO, AH, A1-A30, AE, A99, AR, V, VE, V1-V30	24% / 21%
Severe Repetitive Loss properties, Substantially Improved properties, and Nonresidential Business	A, AO, AH, A1-A30, AE, A99, AR, V, VE, V1-V30	25% / 23%
Other Nonresidential	A, AO, AH, A1-A30, AE, A99, AR, V, VE, V1-V30	8% / 7%
Other Subsidized Polices		
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Post-FIRM	Policies rated with an elevation certificate	Combined Premium Increase / Total Increase
All occupancy types	V, V1-30, & VE	7% / 7%
All occupancy types	A1-A30, AE	1% / 1%
All occupancy types	AO, AH, AOB, AHB	Premiums remain unchanged
All occupancy types	Unnumbered A	5% / 4%

NFIP Reauthorization - Affordability

- Prohibit future rate increases above current law
- Maintain Grandfathering
- Repeal HFIAA Surcharges
- NFIP to redirect the interest that they are paying on its debt
 - Estimated \$400 million

NFIP Reauthorization – Private Market

- Better clarify that private policies meet the mandatory purchase requirements for the housing market
- Require private policies to include the ICC fee
- Limit the availability of private flood policies to properties in NFIP participating communities

Quoting



Covered Perils/ Flood, Volcanic Eruption, Earthquake (Earthquake excluded in Cal fornia, Illinois, Kentucky, Oregon, South Carolina, Tennessee & Washington)

	Limits	Deductible
Dwelling:	\$196,000	\$2,500
Other Structures:	\$2,000	\$2,500
Personal Property:	\$50,000	\$2,500
Loss of Use:	\$2,000	Included
		D I

Please note, 25% minimum earned premium and policy fee fully earned.

Base Premium:	\$ 732.00
Policy Fee:	\$ 150.00
Surplus Lines Tax:	\$ 26.46
Stamping Fee:	\$ 1.76
Total:	\$ 910.22

Premium

Premium Payor: Insured

Building Information

Flood Zone: AO
Construction Date: 1948
Build ing Occupancy: Primary

Number of Stories: 2

Replacement Cost \$200,000

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COVERAGE AND RATING					
Coverage	Limits	Deductible	NFIP Premium/Fees	Private Premium/Fees	Premium Savings
BLDG	\$250,000.00	\$10,000.00	\$2,096.00	\$1,953.00	\$143.00
CONT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ICC			\$55.00	\$44.00	\$11.00
Loss of Rent or ALE			\$0.00	\$25.00	(\$25.00)
Replacement Cost/Loss Settlemt			\$0.00	\$0.00	\$0.00
Surplus Lines Tax			\$0.00	\$40.44	(\$40.44)
Fireman's Association Surcharge			\$0.00	\$60.66	(\$60.66)
HFIAA Surcharge			\$25.00	\$0.00	\$25.00
Service Fee			\$50.00	\$0.00	\$50.00
Policy Fee			\$0.00	\$50.00	(\$50.00)
Rsrv Fnd Asmnt			\$323.00	\$0.00	\$323.00
CONTRACTOR MANAGEMENT AND AND AN ARROWS AND AN ARROWS AND AND ARROWS AND AND ARROWS AND					

15% difference

\$2,549.00

\$2,173.10

\$375.90

Total Premium w/Fees

Private vs. NFIP

FEATURES	PRIVATE FLOOD	*NFIP/FEMA	COMMENTS
Requires an Elevation Certificate?	NO	Yes, for Post Firm	Currently the NFIP requires an Elevation Certificate which can cost upwards of \$1000
Personal property and improvements in Basement?	YES	No	The Basement is always the first to flood and should be major concern for anyone that has valuable contents in their basement.
Coverage becomes effective 10 days after policy inception for the peril of flood?	YES	No	NFIP requires a 30-day wait after policy inception before flood coverage is inforce.
Cover Loss of Use?	YES	No	
Attached Decks Covered?	YES	Yes	Although the NFIP covers attached decks, the maximum area is only 16 sq. ft.(4x4)
Attached Carports Covered?	YES	No	
20-50% Cost Savings?	YES	No	NFIP/FEMA rates go up typically once (sometimes twice) per year
Covers Farthquakes &	YES	No	

Private vs. NFIP

- Maximum Limits NFIP 250,000 Building 100,000 Contents vs. private 1 milling Building, 500k Contents and additional living expenses (200k)
- Definition of Flood
 - NFIP: Complex definition requires 2 or more acres or 2 properties to flood.
 - Private: Simple definition that dovetails with the standard homeowner wording
- Materials and Supplies
 - NFIP: Must be in the enclosed building
 - Private: No stipulations
- Fixtures
 - NFIP: Restrictions apply on listed items
 - Private: Covers dwelling, materials, and supplies on or next to the residence
- Personal Property
 - NFIP: Covers inside the building
 - Private: Covered anywhere

Private vs. NFIP contd.

- Special limits for personal property
 - NFIP: 2,500 combined loss limit
 - Private: Broader coverage with separate limits
- Rental value?
 - NFIP: NO
 - Private: YES
- Landscaping:
 - NFIP: NO
 - Private: YES
- Fire department charges covered?
 - NFIP: NO
 - Private: YES

Private misconceptions/common questions

- Will my mortgage accept it?
- Not affordable
- Can they pay my claim?

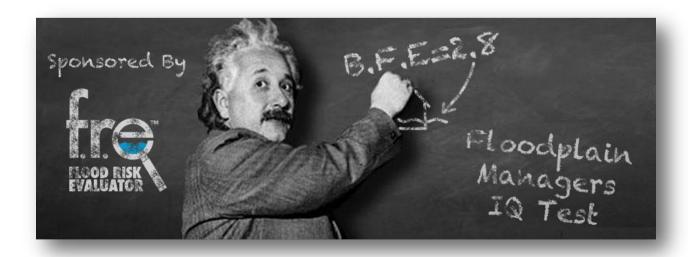
The Flood Insurance Market Parity and Modernization Act

- Passes the House, not Senate yet.
- Allows that flood insurance provided by the private sector shall be accepted and considered similar to the NFIP
- Clarifies FEMA shall consider any period while a policy holder is with private to be considered continuous coverage.

NFIP Reauthorization – Misc. Changes

- Improve flood map technology
 - Estimated that taxpayers save over \$2 for every \$1 spent on flood mapping
- Establish a cap on WYO compensation at no more than 25%
- Increase coverage limits from \$250,000 to \$500,000 for residential structures and \$500,000 to \$1,000,000 for multifamily and commercial structures

Putting Knowledge To Work



Case Studies

House Lifted 4' Above BFE



WEST side 2/24/14

Northside 2/22/14



North side 2/22/14



WESTSide HZZ/14

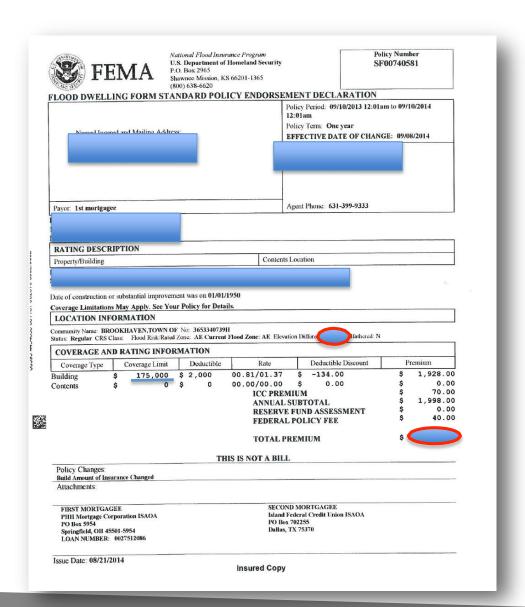




Stats

- Lifted Home in 2004
- Primary Residence
- Current BFE 8' (2009) Maps
- Has paid over \$15,000 for NFIP Insurance over 10 years

After Lift Premium



Not Sub Grade

			SE	CTION B - FLOOD INSUI	RANCE RATE MAP (FIR	M) INFORMATION				
B1.	B1. NFIP Community Name & Community Number TOWN OF BROOKHAVEN 365334				B2. County Name SUFFOLK		B3. State NY			
B4.		Panel Number	B5. Suffix	B6. FIRM Index Date	B7. FIRM Panel Effective/ Revised Date	B8. Flood Zone(s)	B9. Base Flood Elevation(s) (Zone A0, use base food depth)			
	3610	3C0739	Н		09/25/2009	AE				
7	SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)									
C1.		Building elevations are based on: Construction Drawings* Building Under Construction* *A new Elevation Certificate will be required when construction of the building is complete.								
C2. Elevations – Zones A1–A30, AE, AH, A (with BFE), VE, V1–V30, V C2.a–h below according to the building diagram specified in Item Benchmark Utilized: TMB 4-35				H, A (with BFE), VE, V1–V30, V (Iding diagram specified in Item	with BFE), AR, AR/A, AR/AE, Al A7. In Puerto Rico only, enter Vertical Datum: NGV	meters.	AO. Complete Items			
		Indicate elevation datum used for the elevations in items a) through h) below. NGVD 1929 NAVD 1988 Other/Source: Check the measurement used.								
		a) Top of bottom	floor (including b	asement, crawlspace, or enclos	sure floor)	☐ feet ☐ r	meters			
		b) Top of the nex				f" no	t larger than "a"			
		c) Bottom of the lowest horizontal structural member (V Zones		structural member (V Zones or	nly) NA.	_ > >				
		d) Attached gara			NA		meters			
 e) Lowest elevation of machinery or equipment servicing the buil (Describe type of equipment and location in Comments) 				or equipment servicing the build ad location in Comments)	ding NA.		vith unfinished enclosure;			
		f) Lowest adjacent (finished) grade next to building (LAG)								
		g) Highest adjac	ent (finished) gra	de next to building (HAG)	4.5		meters			
		h) Lowest adjace		st elevation of deck or stairs, in	cluding3 . 4	feet □	meters			

"Bingo" Needs Vents

A7. Building Diagram Number 6 A9. For a building with an attached garage: A8. For a building with a crawlspace or enclosure(s): NA a) Square footage of crawlspace or enclosure(s) a) Square footage of attached garage sa ft b) Number of permanent flood openings in the attached garage b) Number of permanent flood openings in the crawlsp within 1.0 foot above adjacent grade or enclosure(s) within 1.0 foot above adjacent grade NA. c) Total net area of flood openings in A9.b NA sa in c) Total net area of flood openings in A8.b d) Engineered flood openings? X No X No ☐ Yes d) Engineered flood openings?



Retrofitting (6) ICC-ES Certified Engineered Flood Vents Cost: \$2,500

Result

STANDARD FLOOD NON-BINDING QUOTE



Wright National Flood Insurance Company A Stock Company PO Box 33003 St. Petersburg, FL, 33733 Office: 800.820.3242 Fax: 800.850.3299

	AGENCY INFORMATION		QUOTE INFORMATION
Agency Number	734276	Quote Number	31 QT43445697 99
Agency	RISK REDUCTION PLUS GROUP INC	мурнови	INDITI, VOULITIO
Address	430 ANDBRO DR UNIT 1,	Current Date	09/22/2014
City, State, Zip	PITMAN, NJ 08071-1251	Effective Date	09/22/2014
Phone Number	(877) 441-8368	1	

COMMUNITY INFORMATION							
Program Type	Flood Regular Policies	Zone Determination Number	DRP0000000006465966				
Community	365334 - BROOKHAVEN, TOWN OF	Zone Reference Number	54332521				
Flood Risk/Rated Zone	AE						

		BUILDING INFORMATION	
Property Address		Condominium Coverage	None
City, State, Zip		Construction Date	01/01/1985
Occupancy Type	Single Family	Building Replacement Cost	\$570,000.00
Building Type	Two Floors	Building Elevated	Duilding is elevated
Elevation Certificate	Yes	Elevation Difference	
Lowest Floor Elevation	11.7 feet	Building Flood Proofed	
Location of Contents		Enclosure	Enclosure
Basement Unfinished			
<u> </u>			

COVERAGE/PREMIUM INFORMATION								
Coverage Building	Limits \$175,000.00	Deductible \$2,000.00	RPH Basic 0.24	RPH Additional 0.08				
Discount/Surcharge								

IMPORTANT NOTES THIS IS NOT AN OFFER FOR INSURANCE. THIS QUOTE IS NON-FIRM AND NON-BINDING AND SUBJECT TO REVIEW AND ADJUSTMENT.

Please submit the required documentation listed on your application summary for review and approval. If additional information is required to actuarially rate the risk, you will be contacted.

FLOOD INSURANCE WAIVER OF AGENT'S RESPONSIBILITY

I understand that, if I decline this protection, my agent and/or his/her agency will be held harmless and not liable in the event I suffer a flood loss. I have been made aware of the following facts:

1. Homeowners insurance does not cover flood damage.

Pederal disaster assistance is most typically an interest-hearing loa

(Initi

10 Year Total For Coverage \$2,810

20140922095845

This quote is issued by Wright National Flood Insurance Company

The online application process must be completed. Please do not submit this form with your payment.

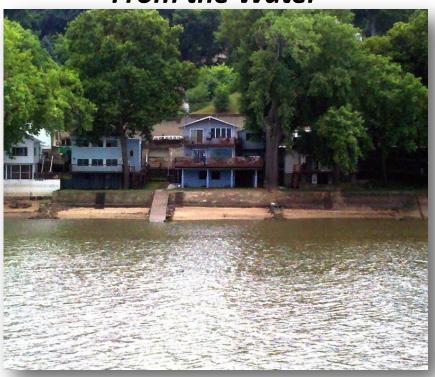
+4
86%
Reduction

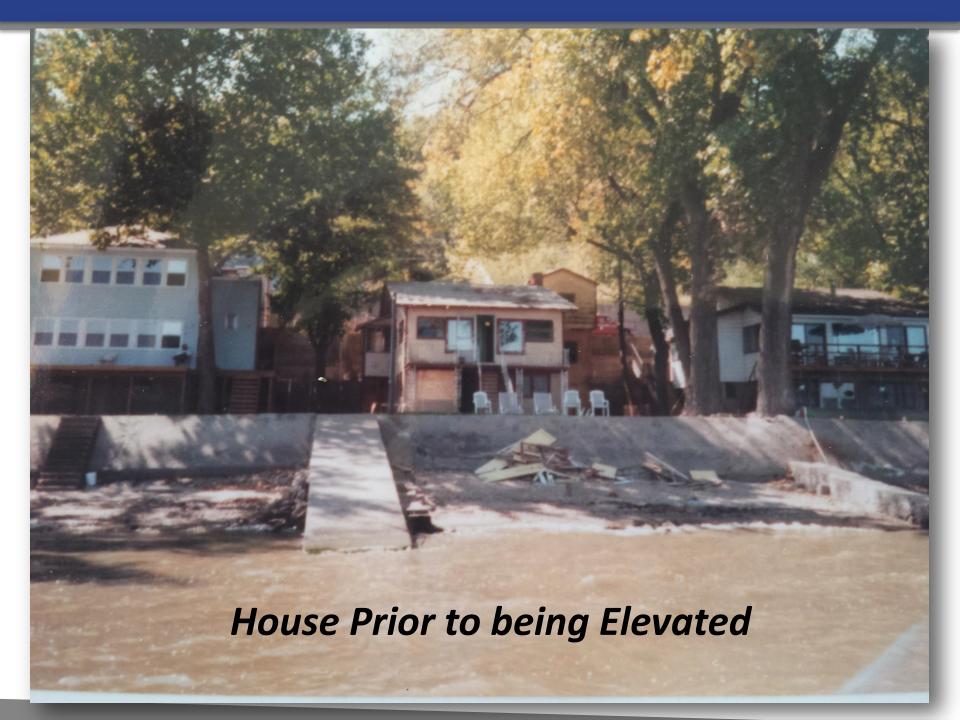
ROI: 1.5 years!

Stats

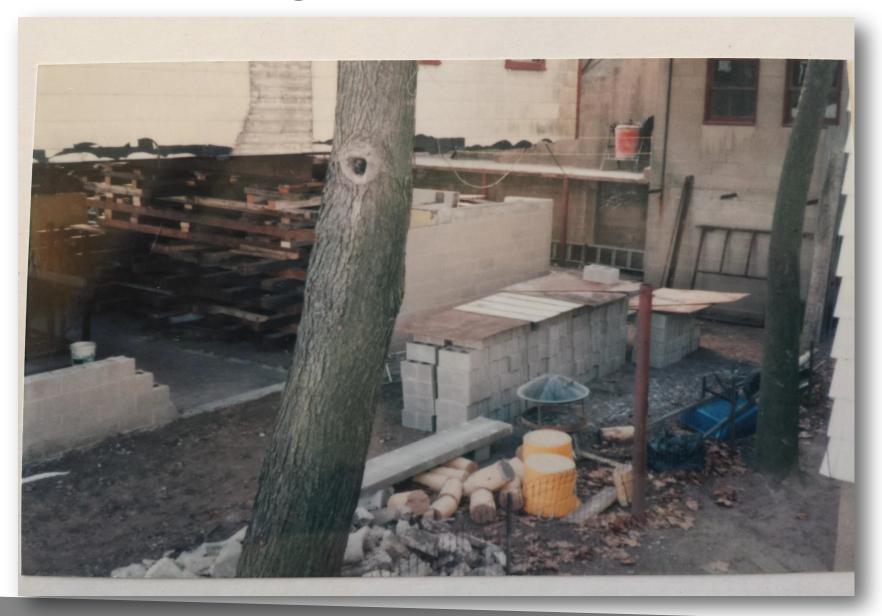
- Substantial Improvement 1992 | Elevated
- Diagram 7 Unfinished
- No Flood Vents
- Primary Residence
- Zone A13 | BFE: 460 Firm: 1980
- Elevation of 1st living floor: 460.59 (461 rounded)
- NFIP Premium: \$2,038 (\$177,00 Building Coverage)

From the Water





Being Elevated in 1992



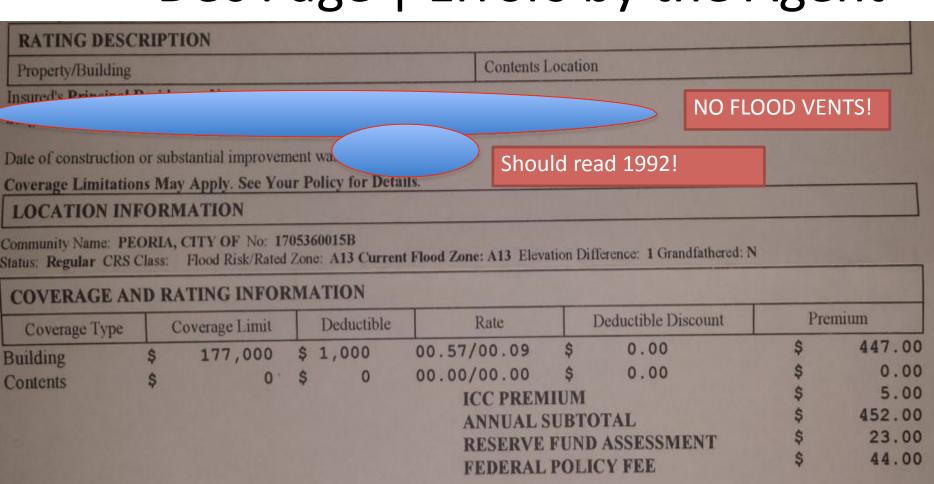








Dec Page | Errors by the Agent



TOTAL PREMIUM
ENDORSEMENT PREMIUM
OT A BILL

519.00

THIS IS NOT A BILL



U.S. DEPARTMENT OF HOMELAND SECURITY Federal Emergency Management Agency

National Flood Insurance Program

ELEVATION CERTIFICATE

OMB No. 1660-0008 Expires March 31, 2012

Important: Read the instructions on pages 1-9.

			SECTI	ON A - PROPE	RTY INFORM	IATION		
A1. I	Building Owner's Name Re	obert Wagne						nave sy
	Building Street Address (in N Galena Road	cluding Apt.,	Unit, Suite, and/or Bk	dg. No.) or P.O. f	Route and Box N	lo.		
(City Peorla State IL	ZIP Code 6	31614	1			-	
A3. I A par	Property Description (Lot a roel of land in Sec. 26, T9N	nd Block Nur , R8E, 4TH F	nbers, Tax Parcel Nu PM, described in Doc.	mber, Legal Des NO. 05-28628 in	cription, etc.) Recorder's Offi	ce in Peoria County		
	Building Use (e.g., Resider							
	Latitude/Longitude: Lat. <u>40</u> Attach at least 2 photograp							
	Building Diagram Numbe	THE DUI	ung ii die Cerdicate	is being used to	obtain nood mad	iairos.		
	For a building with a crawls	e or encl	osure(s):			building with an attac		7
	 a) Square footage of craw 	•		q ft		uare footage of atta		sq ft
	 No. of permanent flood enclosure(s) within 1.0 					o, of permanent flood thin 1.0 foot above a		tached garage
	c) Total net area of flood of			/in		tal net area of flood		sq in
•	d) Engineered flood openi	ngs?	Yes No		d) En	gineered flood open	ings? 🔲 Yes	□ No
		SECT	ION B - FLOOD IN	SURANCE RA	TE MAP (FIR	M) INFORMATIO	١	
	IFIP Community Name & C a 170536	community N		2. County Name Peoria			B3. State IL	
B4.	Map/Panel Number E 170536 0015	35. Suffix B	B6. FIRM Index Date February 1, 1980	Effective/F	RM Panel tevised Date y 1, 1980	B8. Flood Zone(s) A13	AO, use ba	Elevation(s) (Zone ise flood depth)
10. 1	Indicate the source of the B	lase Flood El	evation (BFE) data or	base flood depti	n entered in Item	1 B9.		
	☐ FIS Profile	FIRM (☐ Community Deten	mined 🔲	Other (Describe	9)		A 12
	ndicate elevation datum us				NAVD 1988	Other (Describe	e)	
	s the building located in a Consignation Date	Coastal Barri	er Resources System	(CBRS) area or CBRS	Otherwise Prote	ected Area (OPA)?	☐ Yes	⊠ No
		SECTION	C - BUILDING EI	EVATION INF	ORMATION (S	SURVEY REQUIR	ED)	
	uilding elevations are base	d on: (Construction Draw	rings*	Building Unde		☑ Finished Co	nstruction
2. El	new Elevation Certificate levations - Zones A1-A30, slow according to the buildi	AE, AH, A (W	ith BFE), VE, V1-V30), V (with BFE), A	R, AR/A, AR/AE	E, AR/A1-A30, AR/A	H, AR/AO. Comple	te Items C2.a-h
Be	enchmark Utilized GPSVe	rtical Datum	NGVD1929					
C	onversion/Comments			20 10	14			
		. 10 10	9.15			Check the measurer		
a)			ent, crawispace, or e			et meters (Puer		
b)			hural mambar (// Zan-	20.760/0.4760000		et 🗌 meters (Puer	to Rico only) neters (Puerto Rica	(vino
c) d)						et 🗌 meters (Puer		
e)		chinery or equ	ipment servicing the				neters (Puerto Rico	only)
f)	Lowest adjacent (finishe			45		et 🔲 meters (Puer		100
g)				_			neters (Puerto Rica	
h)	Lowest adjacent grade a structural support	at lowest elev	ation of deck or stain	s, including		☐ feet ☐ r	neters (Puerto Rico	only)

Errors With EC

- Should be a diagram 7
- Should document square footage which is 968 sq.ft
- Result = High Preimum

		SEC	TION B - FLOOD IN	SURANCE RATE MA	P (FIRM) INFO	RMATION	
	FIP Community Name a 170536	& Community N		2. County Name poria		B3. State	
B4. I	Map/Panel Number 170536 0015	B5. Suffix B	B6. FIRM Index Date February 1, 1980	B7. FIRM Pane Effective/Revised I February 1, 198	Date Zo	Flood B9. Base Flore(s) AO, use	ood Elevation(s) (Zone depth)
10. l	ridicate the source of	-	levation (BFE) data or Community Determ	base flood depth entered	d in Item B9. Describe)		
12. 1			in Item B9: X NGVD ier Resources System	1929 ☐ NAVD (CBRS) area or Otherwin ☐ CBRS ☐ Of	se Protected Area	(OPA)? Ye	s 🖾 No
		SECTIO	N C - BUILDING EL	EVATION INFORMA	TION (SURVEY	REQUIRED)	
2. Ek	evations - Zones A1-	A30, AE, AH, A (ouilding diagram SVertical Datum	with BFE), VE, V1-V30, specified in Item A7. U	of the building is complet V (with BFE), AR, AR/A se the same datum as ti	, AR/AE, AR/A1-A	30, AR/AH, AR/AO. Com	npiete Items C2.a-h
- ~	Antersion/Comments		9.0	W 25	Check the	measurement used.	
a) b) c) d)	Top of the next high Bottom of the lower Attached garage (to	her floor st horizontal struc op of slab) AUX	nent, crawispace, or encural member (V Zones LARY GARAGE 9 Juipment servicing the b	s only)	⊠ feet ☐ me ⊠ feet ☐ me ☐ feet	ters (Puerto Rico only) ters (Puerto Rico only) meters (Puerto l ters (Puerto Rico only) meters (Puerto l	
٠,	(Describe type of e	quipment and loc	cation in Comments)	3 J			
f)			xt to building (LAG)	<u>450.81</u>	⊠ feet ⊔ me	ters (Puerto Rico only) meters (Puerto I	Rice only)
g) h)			ext to building (HAG) vation of deck or stairs	including	feet	meters (Puerto	

Where is the first floor compared to the BFE? 460.59-460= .59 Rounded to +1

Without Flood Openings where is the lowest rated floor? 460-450.93= 9.07 Negative 9



Flood Vents Installed | September 2014



Vents are installed in a 16"x8" hole which is the opening left when (1) CMU block is removed from the foundation





Revised Elevation Certificate

U.S. DEPARTMENT OF HOMELAND SECURITY PROPRIAL EMERGENCY MANAGEMENT AGENCY MOUNT From the missrouchose on pages 1—9.	OMB No. 1660-0008 Expiration Date: July 31, 2015				
A7. Building Diagram Number 7. A8. For a building with a crawfspace or enclosure(s): a) Square footage of crawfspace or enclosure(s): b) Number of permanent floor openings in the confessore. a) Square footage of square footage of the confessore.	al Datum: NAD 1927 NAD 1983				
c) Total net area of flood openings: NA.D. d) Engineered flood openings: NA.D. d) Engineered flood openings: NA.D. d) Engineered flood openings: NA.D. ESCOTION B - FLOOD INSURANCE RATE MA. B1. NFIP Community Name & Community Number Peoria 170536 B4. May/Fanel Number B5. Surfix B6. FIRM Index Date B7. FIRM Panel Ett. Revised Date 170536 B4. May/Fanel Number B5. Surfix B6. FIRM Index Date B7. FIRM Panel Ett. Revised Date 170536 OB 1810. Indicate the source of the Base Flood Elevation (IFF) data to to base flood depth enter Surfix B1. Indicate elevation datum used for EFE in Item B9: New 100 1992 NAVD. B11. Indicate elevation datum used for EFE in Item B9: New 100 1992 NAVD. B12. Is the building located in a Coastal Barrier Resources System (GRS) area of Otherw Designation Date: / / Construction Drawings* Datiding is com SECTION C - Building Elevations are based on: Construction Oranings* Datiding is com C2. Elevations - Zones A1-A30, AE, AI, AI, With B1PD, XR, ARYA, C2.a-h below according to the building diagram specified in Item A7. In Putro Ricco Denormant Unitarios. Vertical Data	ng Diagram building with juare footage of crawlspace or of the properties of the pro	ings in the crawls ove adjacent grad	A9. F	For a building with an attached gar a) Square footage of attached gar b) Number of permanent flood op within 1.0 foot above adjacent c) Total net area of flood openings?	rage sq ft enings in the attached garage grade
Indicate elevation datum used for the elevations in items a) through n) below. Both used for building elevations must be the same as that used for the BFE. 9) Top of bottom floor (including basement, crawispace, of enclosure floor) 450, 93	et meters	TION R - ELOOD INCLIDAN	OF DATE MAD	PIDES IVER	





New Premium

FLOOD INSURANCE APPLICATION SUMMARY



Wright National Flood Insurance Company A Stock Company PO Box 33003 St. Petersburg, FL, 33733 Office: 800.820.3242 Fax: 800.850.3299

12/23/2014

ROBERT WAGNER

4218 N GALENA RD

(309) 231-6732

PEORIA, IL 61614-6647

DRP00000000006592825

PEORIA, CITY OF

Premium

\$440.00

\$0.00

Lender

POLICY INFORMATION

Premium paid by

Property Address

Insured's Phone

Certificate #

Determination #

Insured Name

Policy Number 12 1151213419 00
Policy Period 01/20/2016 to 01/20/2016
Agency Number 734276

RISK REDUCTION PLUS GROUP INC 430 ANDBRO DR UNIT 1

Agent Phone (877) 441-8368

Agency Address

ZONE INFORMATION
A13 Zone Determination

 Current Flood Zone
 A13

 Current Community Number
 170536

 Current Map Panel I Suffix
 0015 B

RATING INFORMATION

Building Occupancy Single Family Community Nan Number of Floors Three or More Floors Grandfathered Basement/Enclosure/Crawlepace Enclosure

COVERAGE / PREMIUM INFORMATION

 Coverage
 Limits
 Deductible

 Building
 \$177,000.00
 \$1,250.00

 Contents
 \$0.00
 \$0.00

PAYMENT INFORMATION

Payment Method Check **Annual Subtotal** Name of Check Holder Deductible Credit Lender Check # LENDER ICC Premium Check Date 12/23/2014 Community Discount Check Owner Signature Reserve Fund Assessment 5% \$ 511.00 Federal Policy Service Fee Amount Total Premium

NOTES

NO COVERAGE EXISTS UNTIL PAYMENT OF TOTAL PREMIUM IS RECEIVED AND THE WAITING PERIOD HAS EXPIRED.

Notice: This policy is not subject to cancellation for reasons other than those set forth in the National Flood Insurance Program rules and regulations. In matters involving billing disputes, cancellation is not available other than for billing processing error or fraud.

REQUIRED DOCUMENTATION CHECKLIST (additional items, not indicated below, may be required)

 Payment by Check • Elevation Certificate based on Finished Construction • Photographs that are dated and compliant • Current declaration page or renewal bill from NFIP carrier • Engineered Flood Openings Certification specific to property

Submit this Application Summary with the documents indicated above by using the File Upload option on the website. Items may also be submitted by mailing to the address or faxing to the number indicated at the top of this letter. Faxed photographs are not acceptable per NFIP guidelines regarding photograph clarity. If the payment method is ACH, EFT or Credit Card and no documents are required, then this form and application that follows are for the agency's recommens are required, then this form and application that follows are for the agency's recommendation.

LENDER INFORMATION

WELLS FARGO PO BOX 100515 FLORENCE, SC 29502-0515 Loan Number: 0295544449 Lender Type: First Mortgagee Lender Interest: Building Only Bill To Lender? Ve

This policy is issued by Wright National Flood Insurance Company

12 1151213419 00 - 20141223120017 - 511.00

(\$7.00)

\$5.00

\$0.00

\$22.00

Old Premium: \$2,038

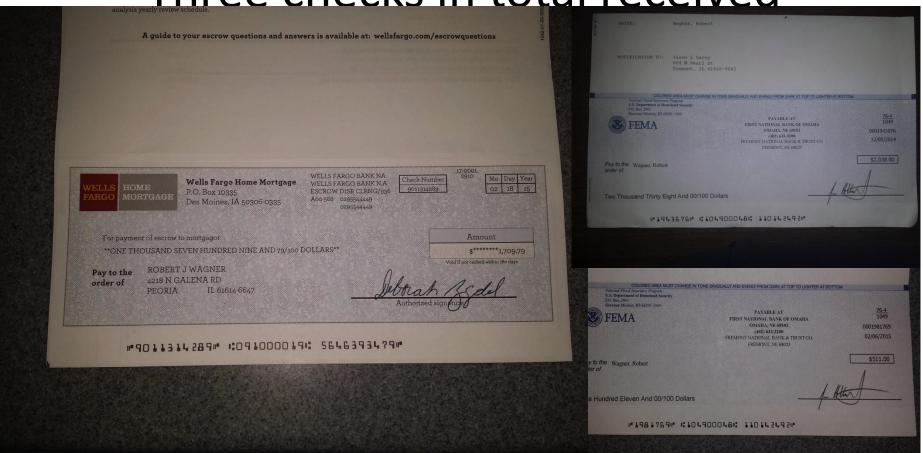
New Premium: \$511 75% Reduction

Retrofit Cost: \$1,200

Happy Residents



Instant Return on Investment Three checks in total received



Refund total: \$3,236.79 - Retrofit \$1,200 = \$2,036.79 For Vacation!

Not the End of the Story June 17th, 2015

"Along with the yearly insurance savings our mortgage payment has drop as well so we really did save a lot of money by installing the Smart Vents. If you have not heard the Illinois River is flooding and we are prepared because of YOU. I am attaching a picture of the Smart Vents in action".

Rob Wagner



The Wagners were flooded out for 6 weeks. But there home was protected because of their no quit attitude.



Go Time.....









Thank you!

Thank you for your time.

This concludes the class

Phone: 877-441-8368

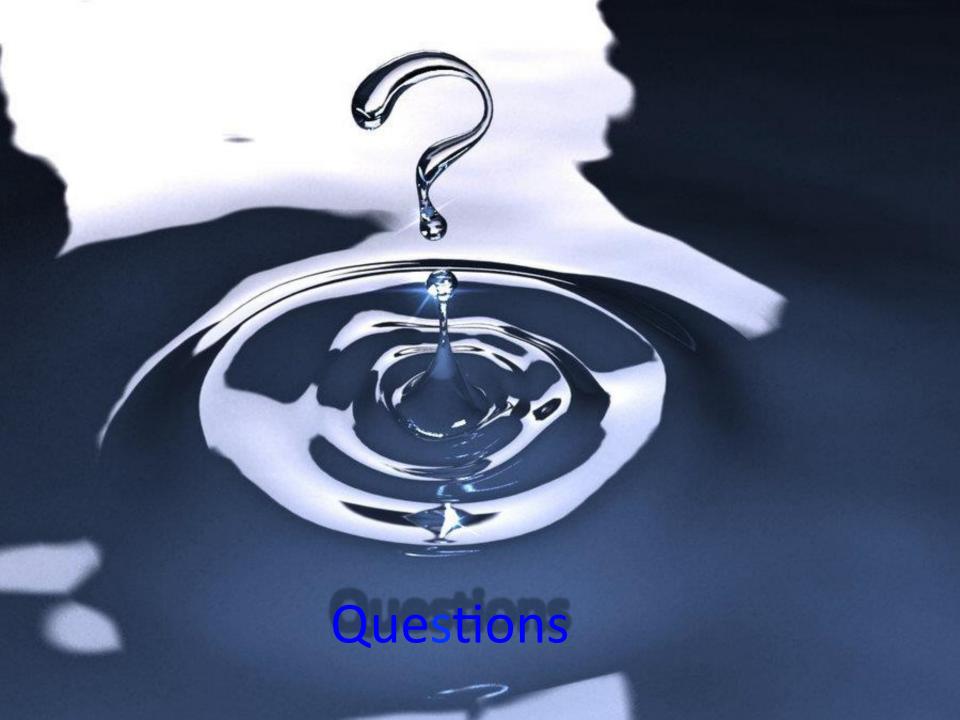
Send EC's to: ec@yourfloodrisk.com for a FRE report and QA

check









THANKS!

Mary-Carson Stiff

Chair, Coastal VA CRS Workgroup Director of Policy, Wetlands Watch mc.stiff@wetlandswatch.org



