

Appendix A – Plan Adoption

RESOLUTION OF ADOPTION

IREDELL COUNTY

HAZARD MITIGATION PLAN

WHEREAS, the citizens and property within Iredell County are subject to the effects of natural hazards that pose threats to lives and cause damage to property, and with the knowledge and experience that certain areas of the county are particularly vulnerable to flooding, severe weather, fire, hazardous materials, etc.; and

WHEREAS, the County desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five year cycle; and

WHEREAS, Iredell County has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management.

WHEREAS, it is the intent of the Iredell County Board of Commissioners to fulfill this obligation in order that the County will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the County;

NOW, therefore, be it resolved that the Iredell County Board of Commissioners hereby:

1. Adopts the Iredell/Rowan Hazard Mitigation Plan; and
2. Vests Iredell County Emergency Management with the responsibility, authority, and the means to:

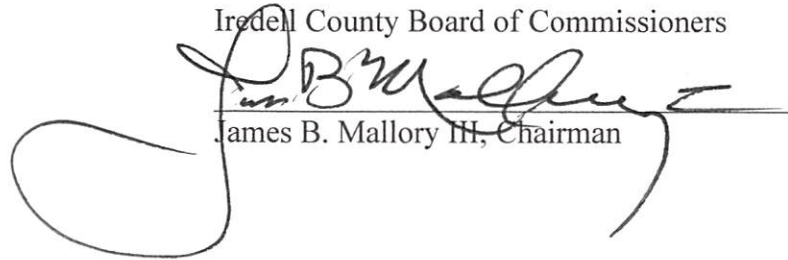
- (a) Inform all concerned parties of this action.
- (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.

3. Appoints the Iredell County Director of Fire Services and Emergency Management to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the Iredell County Board of Commissioners for consideration.

4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

PASSED AND APPROVED by the Iredell County Board of Commissioners this 19th day of May, 2020.

Iredell County Board of Commissioners

A large, stylized handwritten signature in black ink, which appears to read "James B. Mallory III". The signature is written over a horizontal line.

James B. Mallory III, Chairman

ATTEST:

A handwritten signature in blue ink, which appears to read "Amy Anderson". The signature is written over a horizontal line.

Clerk to the Board

RESOLUTION 14-20

RESOLUTION ADOPTING THE 2020 IREDELL-ROWAN HAZARD MITIGATION PLAN FOR THE TOWN OF TROUTMAN

WHEREAS, the citizens and property within the Town of Troutman, North Carolina are subject to the effects of natural hazards and man-made hazard events that pose threats to lives and cause damages to property, and with the knowledge and experience that certain areas are particularly susceptible to severe weather, including but not limited to flood hazard events, winter storms, high winds, fire, hazardous materials, etc.; and

WHEREAS, the Town desires to seek ways to mitigate the importance of situations that may aggravate such circumstances; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina in Section 1, Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 -- Senate Bill 300 effective July 1, 2001), states in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2004, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act;" and

WHEREAS, Iredell County and the incorporated municipalities within the county has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the federal Emergency Management Agency and the North Carolina Division of Emergency Management; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local government must develop an All-Hazards Mitigation Plan in order to receive future Hazard Mitigation Grant Program Funds and other disaster related assistance funding and that said Plan must be updated and adopted within a five year cycle; and

WHEREAS, it is the intent of the Troutman Town Council to fulfill this obligation in order that the Town will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the Town.

NOW THEREFORE, BE IT RESOLVED that the Town Council of the Town of Troutman hereby:

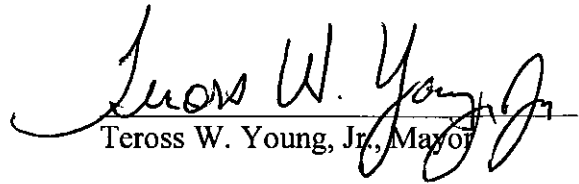
1. Adopts the Iredell Rowan Regional Hazard Mitigation Plan
2. Vests the Town Manager with the responsibility, authority, and the means to:
 - a. Inform all concerned parties of this action.
 - b. Cooperate with federal, state and local agencies and private firms which undertake to study, survey, map and identify floodplain or flood-related erosion areas, and cooperate with

neighboring communities with respect to management of adjoining floodplain and/or flood-related erosion areas in order to prevent aggravation of existing hazards.

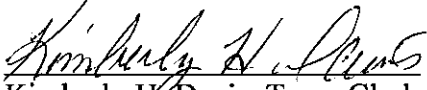
3. Appoints the Town Manager to assure that the Hazard Mitigation Plan is reviewed annually and in greater detail at least once every five years to assure that the Plan is in compliance with all state and federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the Troutman Town Council for consideration.

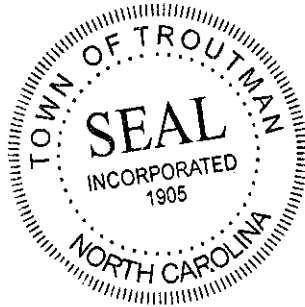
4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

Adopted by the Town of Troutman Town Council this the 12th day of November, 2020.


Teross W. Young, Jr., Mayor

Attest:


Kimberly H. Davis, Town Clerk
Town of Troutman, N.C.



RESOLUTION OF ADOPTION

IREDELL-ROWAN REGIONAL MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN UPDATE

WHEREAS, the citizens and property within the Town of Mooresville, Iredell County are subject to the effects of natural hazards that pose threats to lives and cause damage to property, and with the knowledge and experience that certain areas of the county are particularly vulnerable to flooding, severe weather, fire, hazardous materials, etc.; and

WHEREAS, the Town desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes and Chapter 160D, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, **WHERAS**, the Legislature of the State of North Carolina has in NCGS § 166A-19.41(b)(2)(a)(3) stated “For a state of emergency declared pursuant to G.S. 166A-19.20(a) after the deadline established by the Federal Emergency Management Agency pursuant to the Disaster Mitigation Act of 2002, P.L. 106-390, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act”; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five year cycle; and

WHEREAS, the Town has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management.

WHEREAS, it is the intent of the Board of Commissioners of the Town of Mooresville to fulfill this obligation in order that the Town will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the Town of Mooresville;

NOW, therefore, be it resolved that the Town of Mooresville Board of Commissioners hereby:

1. Adopts the Iredell-Rowan Regional Multi-Jurisdictional Hazard Mitigation Plan Update; and

2. Vests the Town Manger or his or her designee with the responsibility, authority, and the means to:

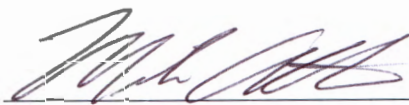
- (a) Inform all concerned parties of this action.
- (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.

3. Appoints the Town Manager or his or her designee to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the Town of Mooresville Board of Commissioners for consideration.


4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

PASSED AND APPROVED by the Town of Mooresville Board of Commissioners this 4th day of December, 2020.




Miles Atkins, Mayor

ATTEST:


Genevieve Glaser, Town Clerk

RESOLUTION
ADOPTING IREDELL-ROWAN REGIONAL
HAZARD MITIGATION PLAN

WHEREAS, the citizens and property within Love Valley are subject to the effects of natural hazards that pose threats to lives and cause damage to property, and with the knowledge and experience that certain areas of the county are particularly vulnerable to drought, extreme heat, hailstorm, hurricane and tropical storm, lightning, thunderstorm wind/high wind, tornado, winter storm and freeze, flood, hazardous material incident, and wildfire; and

WHEREAS, the Town desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has enacted General Statute Section 166A-19.41 (*State emergency assistance funds*) which provides that for a state of emergency declared pursuant to G.S. 166A-19.20(a) after the deadline established by the Federal Emergency Management Agency pursuant to the Disaster Mitigation Act of 2002, P.L. 106-390, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act; and.

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five year cycle; and

WHEREAS, the Town of Love Valley has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management.

WHEREAS, it is the intent of the Board of Commissioners of Love Valley to fulfill this obligation in order that the County will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the County;

NOW, THEREFORE, be it resolved that the Board of Commissioners of Love Valley hereby:

1. Adopts the Iredell-Rowan Regional Hazard Mitigation Plan.

2. Vests Love Valley Emergency Management with the responsibility, authority, and the means to:

- (a) Inform all concerned parties of this action.
- (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.

3. Appoints Love Valley Emergency Management to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the Davidson County Board of Commissioners for consideration.


4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

Adopted this the 22 day of January 2021.



Name, Chair
Love Valley Board of Commissioners

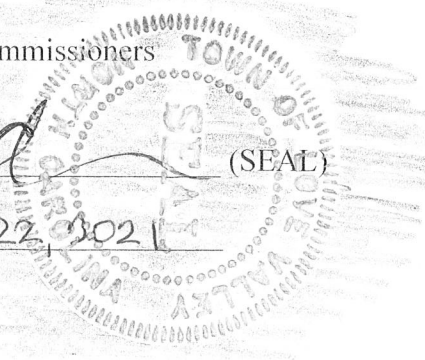
Attest:



Name, Clerk
Love Valley Board of Commissioners

Certified by:  (SEAL)

Date: January 22, 2021





TOWN OF HARMONY

PO BOX 118
HARMONY, NC 28634

Phone: 704-546-2339

Email:

harmonync@yadtel.net

Website:

townofharmony.org

Mayor

D. Lee Matney

Finance Officer

Wanda Edwards

Aldermen

N. Sankey Gaither

Julia Clanton

Scotty Harris

Douglas Galliher

RESOLUTION OF ADOPTION

Town of Harmony

HAZARD MITIGATION PLAN

WHEREAS, the citizens and property within the Town of Harmony are subject to the effects of natural hazards that pose threats to lives and cause damage to property, and with the knowledge and experience that certain areas of the county are particularly vulnerable to flooding, severe weather, fire, hazardous materials, etc.; and

WHEREAS, the Town desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five year cycle; and

WHEREAS, the Town of Harmony has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management.

WHEREAS, it is the intent of the Harmony Town Board to fulfill this obligation in order that the County will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the Town;

NOW, therefore, be it resolved that the Harmony Town Board hereby:

1. Adopts the Iredell/Rowan Hazard Mitigation Plan; and
2. Vests Iredell County Emergency Management with the responsibility, authority, and the means to:

- (a) Inform all concerned parties of this action.
- (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.

3. Appoints the Iredell County Director of Fire Services and Emergency Management to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the Harmony Town Board for consideration.

4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

PASSED AND APPROVED by the Harmony Town Board this 14th day of December, 2020.



Chairman

ATTEST:

Wanda Edwards
Clerk to the Board

RESOLUTION 41-20

**RESOLUTION OF ADOPTION
IREDELL-ROWAN REGIONAL MULTI-JURISDICTIONAL
HAZARD MITIGATION PLAN UPDATE**

WHEREAS, the citizens and property within the City of Statesville, Iredell County are subject to the effects of natural hazards that pose threats to lives and cause damage to property, and with the knowledge and experience that certain areas of the county are particularly vulnerable to flooding, severe weather, fire, hazardous materials, etc.; and

WHEREAS, the City desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five year cycle; and

WHEREAS, the City of Statesville has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management.

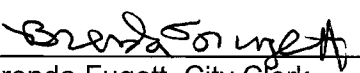
WHEREAS, it is the intent of the Statesville City Council to fulfill this obligation in order that the City will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the City of Statesville;

NOW, therefore, be it resolved that the Statesville City Council hereby:

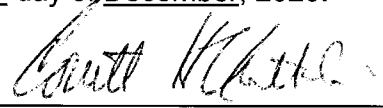
1. Adopts the Iredell/Rowan Multi-Jurisdictional Hazard Mitigation Plan Update; and
2. Vests the City Manager or his or her designee with the responsibility, authority, and the means to:
 - (a) Inform all concerned parties of this action.
 - (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.
3. Appoints the City Manager or his or her designee to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the Statesville City Council for consideration.
4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

PASSED AND APPROVED by the Statesville City Council this 21st day of December, 2020.

ATTEST:


Brenda Fugett, City Clerk




Constantine H. Kutteh, Mayor



Post Office Box 45 Spencer, NC 28159-0045
704.633.2231 Office
704.633.3837 Fax
<http://www.ci.spencer.nc.us>

Resolution 20-014

RESOLUTION OF ADOPTION

Town of Spencer

HAZARD MITIGATION PLAN

WHEREAS, the citizens and property within the Town of Spencer are subject to the effects of natural hazards that pose threats to lives and cause damage to property, and with the knowledge and experience that certain areas of the county are particularly vulnerable to Thunderstorms, Winter Storms, Hurricanes, Tropical Storms, Drought, Hazardous Material Incidents, Dam/Levee Failure, Wildfire, Lightning, Extreme Heat, Landslides, Earthquakes, and Erosion; and

WHEREAS, the County desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five year cycle; and

WHEREAS, the Rowan County Emergency Services Department has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management.



WHEREAS, it is the intent of the Town of Spencer Board of Aldermen to fulfill this obligation in order that the County will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the County;

NOW, therefore, be it resolved that the Town of Spencer Board of Aldermen hereby:

1. Adopts the Iredell Rowan Hazard Mitigation Plan and
2. Vests Rowan County Emergency Services with the responsibility, authority, and the means to:
 - (a) Inform all concerned parties of this action.
 - (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.
3. Appoints the Rowan County Emergency Services Department to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the Town of Spencer Board of Aldermen for consideration.
4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

Adopted on this 14th day of July, 2020

By: Jonathan Williams, Mayor

Certified by: *Jonathan Williams*

SEAL : _____

Date: *7/14/2020*

Attest: *Janna H. Hatley* MMC, NCCMC
Interim Town Clerk



Greg Edds, Chairman
Jim Greene, Vice-Chairman
Mike Caskey
Judy Klusman
Craig Pierce



Aaron Church, County Manager
Carolyn Barger, Clerk to the Board
John W. Dees, II, County Attorney

Rowan County Board of Commissioners

130 West Innes Street • Salisbury, NC 28144
Telephone 704-216-8180 • FAX 704-216-8195

RESOLUTION OF ADOPTION

ROWAN COUNTY HAZARD MITIGATION PLAN

WHEREAS, the citizens and property within Rowan County are subject to the effects of natural hazards that pose threats to lives and cause damage to property, and with the knowledge and experience that certain areas of the county are particularly vulnerable to thunderstorms, winter storms, hurricanes, tropical storms, drought, hazardous material incidents, dam/levee failure, wildfire, lightning, extreme heat, landslides, earthquakes, and erosion; *and*

WHEREAS, the County desires to seek ways to mitigate the impact of identified hazard risks; *and*

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; *and*

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; *and*

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five year cycle; *and*

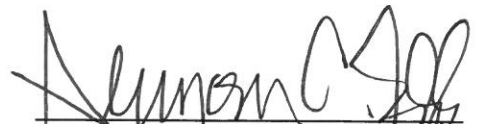
WHEREAS, the Rowan County Emergency Services Department has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management; *and*

WHEREAS, it is the intent of the Board of Commissioners of Rowan to fulfill this obligation in order that the County will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the County.

NOW, THEREFORE, BE IT RESOLVED that the Board of Commissioners of Rowan County hereby:

1. Adopts the Iredell Rowan Hazard Mitigation Plan; *and*
2. Vests Rowan County Emergency Services with the responsibility, authority, and the means to:
 - (a) Inform all concerned parties of this action.
 - (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.
3. Appoints the Rowan County Emergency Services Department to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the Board of Commissioners of Rowan County for consideration.
4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

Adopted this 1st day of June, 2020.


Gregory C. Edds, Chairman
Rowan County Commissioners

ATTEST:


Carolyn Barger, MMC, NCMCC
Clerk to the Board



Town of Landis

Established in 1901

Meredith Bare Smith, Mayor

Ashley Stewart, Mayor Pro Tem

Alderman Tony Corriher, Alderman Darrell Overcash, Alderwoman Katie Sells

RESOLUTION OF ADOPTION

Town of Landis

HAZARD MITIGATION PLAN

WHEREAS, the citizens and property within Town of Landis are subject to the effects of natural hazards that pose threats to lives and cause damage to property, and with the knowledge and experience that certain areas of the county are particularly vulnerable to Thunderstorms, Winter Storms, Hurricanes, Tropical Storms, Drought, Hazardous Material Incidents, Dam/Levee Failure, Wildfire, Lightning, Extreme Heat, Landslides, Earthquakes, and Erosion; and

WHEREAS, the County desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five year cycle; and

WHEREAS, the Rowan County Emergency Services Departments performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management.

WHEREAS, it is the intent of the Board of Alderman to fulfill this obligation in order that the County will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the County;

312 South Main Street
P. O. Box 8165
Landis, North Carolina 28088
Phone: 704.857.2411
Fax: 704.855.3350

Town of Landis

Established in 1901

Meredith Bare Smith, Mayor

Ashley Stewart, Mayor Pro Tem

Alderman Tony Corriher, Alderman Darrell Overcash, Alderwoman Katie Sells

RESOLUTION OF ADOPTION

Town of Landis

HAZARD MITIGATION PLAN

NOW, therefore, be it resolved that the Board of Alderman of the Town of Landis hereby:

1. Adopts the Iredell Rowan Hazard Mitigation Plan and
2. Vests Rowan County Emergency Services with the responsibility, authority, and the means to:
 - (a) Inform all concerned parties of this action.
 - (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.
3. Appoints the Rowan County Emergency Services Department to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the Board of Alderman of the Town of Landis for consideration.
4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

Adopted on this day, November 9, 2020

By: Meredith B. Smith - Mayor

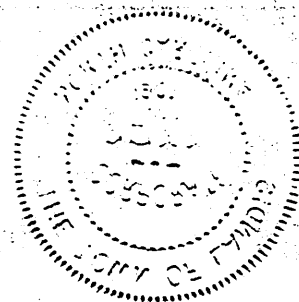
Certified by: Amber J. Feri SEAL : _____
Town Clerk

Date: 11-9-2020

312 South Main Street
P. O. Box 8165
Landis, North Carolina 28088
Phone: 704.857.2411
Fax: 704.855.3350



UNIVERSITY OF CALIFORNIA
LIBRARY
1000 UNIVERSITY AVENUE
LOS ANGELES, CALIF. 90024



0000-0000
0000-0000
0000-0000
0000-0000
0000-0000

0000-0000
0000-0000
0000-0000
0000-0000
0000-0000

0000-0000
0000-0000
0000-0000
0000-0000
0000-0000

0000-0000
0000-0000
0000-0000
0000-0000
0000-0000

0000-0000
0000-0000
0000-0000
0000-0000
0000-0000

0000-0000
0000-0000
0000-0000
0000-0000
0000-0000

0000-0000
0000-0000
0000-0000
0000-0000
0000-0000

0000-0000
0000-0000
0000-0000
0000-0000
0000-0000

**ADOPTION BY THE LOCAL GOVERNING BODY
EAST SPENCER**

RESOLUTION OF ADOPTION

Town of East Spencer

HAZARD MITIGATION PLAN

WHEREAS, the citizens and property within Town of East Spencer are subject to the effects of natural hazards that pose threats to lives and cause damage to property, and with the knowledge and experience that certain areas of the county are particularly vulnerable to Thunderstorms, Winter Storms, Hurricanes, Tropical Storms, Drought, Hazardous Material Incidents, Dam/Levee Failure, Wildfire, Lightning, Extreme Heat, Landslides, Earthquakes, and Erosion; and

WHEREAS, the County desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five year cycle; and

WHEREAS, the Rowan County Emergency Services Department has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management.

WHEREAS, it is the intent of the Board of Alderman to fulfill this obligation in order that the County will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the County;

NOW, therefore, be it resolved that the Board of Alderman of East Spencer hereby:

1. Adopts the Iredell Rowan Hazard Mitigation Plan and
2. Vests Rowan County Emergency Services with the responsibility, authority, and the means to:
 - (a) Inform all concerned parties of this action.
 - (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.
3. Appoints the Rowan County Emergency Services Department to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to Boards of Alderman of East Spencer for consideration.
4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

Adopted on this day, October 20, 2020

By: Barbara A. Mallett
Mayor

Certified by: Mr. Dan Bailey
Town Clerk

SEAL : _____

Date: 10-20-2020



City of Salisbury
North Carolina

**RESOLUTION TO ADOPT THE
ROWAN-IREDELL REGIONAL HAZARD MITIGATION PLAN**

WHEREAS, the citizens and property within the City of Salisbury are subject to the effects of natural hazards that pose threats to lives and cause damage to property, and with the knowledge and experience that certain areas of the county are particularly vulnerable to Thunderstorms, Winter Storms, Hurricanes, Tropical Storms, Drought, Hazardous Material Incidents, Dam/Levee Failure, Wildfire, Lightning, Extreme Heat, Landslides, Earthquakes, and Erosion; and

WHEREAS, the City of Salisbury desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five year cycle; and

WHEREAS, the Rowan County Emergency Services Department has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management.

WHEREAS, it is the intent of the City Council to fulfill this obligation in order that the City of Salisbury will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the City.

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Salisbury hereby:

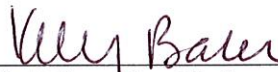
1. Adopts the Iredell Rowan Hazard Mitigation Plan; and
2. Vests Rowan County Emergency Services with the responsibility, authority, and the means to:
 - a. Inform all concerned parties of this action.
 - b. Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map and identify floodplain areas, and cooperate with neighboring

communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.

3. Appoints the Rowan County Emergency Services Department to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the City Council for consideration.
4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

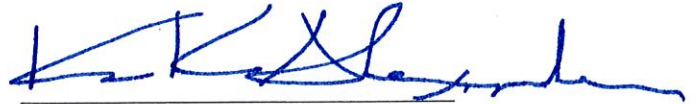
Adopted this 16th day of June 2020.

ATTEST:



Kelly Baker, City Clerk





Mayor Karen K. Alexander



**TOWN OF CLEVELAND
RESOLUTION OF ADOPTION
IREDELL-ROWAN
HAZARD MITIGATION PLAN**

WHEREAS, the citizens and property within Rowan County are subject to the effects of natural hazards that pose threats to lives and cause damage to property, and with the knowledge and experience that certain areas of the county are particularly vulnerable to Thunderstorms, Winter Storms, Hurricanes, Tropical Storms, Drought, Hazardous Material Incidents, Dam/Levee Failure, Wildfire, Lightning, Extreme Heat, Landslides, Earthquakes, and Erosion; and

WHEREAS, the County desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five year cycle; and

WHEREAS, the Rowan County Emergency Services Department has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management.

WHEREAS, it is the intent of the Board of Commissioners of the Town of Cleveland to fulfill this obligation in order that the Town will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the Town;

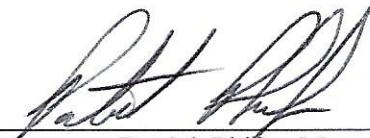
NOW, therefore, be it resolved that the Board of Commissioners of the Town of Cleveland hereby:

1. Adopts the Iredell-Rowan Hazard Mitigation Plan and
2. Vests Rowan County Emergency Services with the responsibility, authority, and the means to:
 - (a) Inform all concerned parties of this action.
 - (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.
3. Appoints the Rowan County Emergency Services Department to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the Board of Commissioners of the Town of Cleveland for consideration.
4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

Adopted on this day, June 8, 2020

ATTEST:


Cathy Payne, Town Clerk



Patrick Phifer, Mayor
Town of Cleveland



Post Office Box 37
100 North Main Street
Faith, North Carolina 28041-0037
Telephone: (704) 279-7500
Facsimile: (704) 279-0408

June 10, 2020

Rowan County Emergency Services
Mr. Chris Soliz, Emergency Services Chief
2727 Old Concord Road, Suite E
Salisbury, NC 28146

Dear Mr. Soliz:

Please find enclosed an executed copy of the Resolution of Adoption regarding the Hazard Mitigation Plan that was adopted by the Town of Faith Board of Aldermen at their regular meeting held on June 9, 2020.

Should additional information be needed or should you have questions, please feel free to contact me by calling the town hall at 704-279-7500.

Sincerely,

Karen C. Fink
Town Clerk/Finance Officer

Enclosure

**RESOLUTION OF ADOPTION
TOWN OF FAITH
HAZARD MITIGATION PLAN**

WHEREAS, the citizens and property within the Town of Faith are subject to the effects of natural hazards that pose threats to lives and cause damage to property, and with the knowledge and experience that certain areas of the county are particularly vulnerable to Thunderstorms, Winter Storms, Hurricanes, Tropical Storms, Drought, Hazardous Material Incidents, Dam/Levee Failure, Wildfire, Lightning, Extreme Heat, Landslides, Earthquakes, and Erosion; and

WHEREAS, the County desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five year cycle; and

WHEREAS, the Rowan County Emergency Services Department has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management.

WHEREAS, it is the intent of the Town of Faith Board of Aldermen to fulfill this obligation in order that the County will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the County;

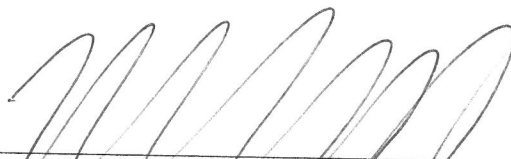
NOW, therefore, be it resolved that the Town of Faith hereby:

1. Adopts the Iredell-Rowan Hazard Mitigation Plan and
2. Vests Rowan County Emergency Services with the responsibility, authority, and the means to:
 - (a) Inform all concerned parties of this action.
 - (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.

3. Appoints the Rowan County Emergency Services Department to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the Town of Faith Board of Aldermen for consideration.

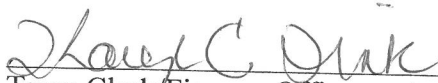
4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

Adopted this 9th day of June, 2020.



Mayor Pro Tem (Matthew S. Lyerly)
Town of Faith Board of Aldermen

ATTEST:



Town Clerk/Finance Officer (Karen C. Fink)
Town of Faith

SEAL



Town of Rockwell

**PO Box 506, Rockwell, NC 28138
Telephone 704-279-2180 * Fax 704-279-0454**

RESOLUTION OF ADOPTION

TOWN OF ROCKWELL HAZARD MITIGATION PLAN

WHEREAS, the citizens and property within the Town of Rockwell are subject to the effects of natural hazards that pose threats to lives and cause damage to property, and with the knowledge and experience that certain areas of the county are particularly vulnerable to Thunderstorms, Winter Storms, Hurricanes, Tropical Storms, Drought, Hazardous Material Incidents, Dam/Levee Failure, Wildfire, Lightning, Extreme Heat, Landslides, Earthquakes, and Erosion; and

WHEREAS, the County desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five year cycle; and

WHEREAS, the Rowan County Emergency Services Department has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management.

WHEREAS, it is the intent of the Board of Aldermen of the Town of Rockwell to fulfill this obligation in order that the County will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the County;

NOW, therefore, be it resolved that the Board of Aldermen of the Town of Rockwell hereby:

1. Adopts the Iredell Rowan Hazard Mitigation Plan and
2. Vests Rowan County Emergency Services with the responsibility, authority, and the means to:
 - (a) Inform all concerned parties of this action.
 - (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.
3. Appoints the Rowan County Emergency Services Department to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the Board of Aldermen of the Town of Rockwell for consideration.
4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

Adopted on this day, 8th day of June 2020.

By: Beauford Taylor
Mayor

[Signature]
Alderman

[Signature]
Alderman

[Signature]
Alderman

[Signature]
Alderman

[Signature]
Alderman

Certified by: Marlene C. Dunn

Date: June 8, 2020

SEAL :



TOWN MANAGER
Ken Deal

TOWN CLERK
Pamela Mills

TOWN ATTORNEY
Tom Brooke



MAYOR
Charles Seaford

TOWN COUNCIL
Don Bringle
Arthur Heggins
Brandon Linn
Rodney Phillips
Steve Stroud

TOWN OF CHINA GROVE RESOLUTION OF ADOPTION HAZARD MITIGATION PLAN

WHEREAS, the citizens and property within China Grove are subject to the effects of natural hazards that pose threats to lives and cause damage to property, and with the knowledge and experience that certain areas of the county are particularly vulnerable to Thunderstorms, Winter Storms, Hurricanes, Tropical Storms, Drought, Hazardous Material Incidents, Dam/Levee Failure, Wildfire, Lightning, Extreme Heat, Landslides, Earthquakes, and Erosion; and

WHEREAS, the County desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five-year cycle; and

WHEREAS, the Rowan County Emergency Services Department has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management.

333 N Main Street, China Grove, NC 28023 | Phone (704) 857-2466 | Fax (704) 855-1855

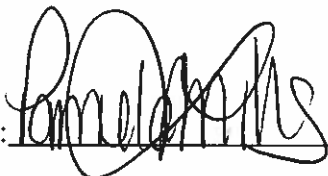
"In accordance with Federal law and U.S. Department of Agriculture policy, this institution is prohibited from discriminating on the basis of race, color, national origin, age, disability, religion, sex, familial status, sexual orientation, and reprisal. (Not all prohibited bases apply to all programs)."

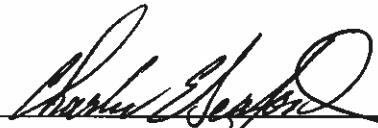
WHEREAS, it is the intent of the Town of China Grove to fulfill this obligation in order that the County will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the County;

NOW, THEREFORE, BE IT RESOLVED that the China Grove Town Council hereby:

1. Adopts the Iredell Rowan Hazard Mitigation Plan; and
2. Vests Rowan County Emergency Services with the responsibility, authority, and the means to:
 - (a) Inform all concerned parties of this action.
 - (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.
3. Appoints the Rowan County Emergency Services Department to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the China Grove Town Council for consideration.
4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

Adopted on this 4th, day of August, 2020.

ATTEST: 
Pamela Mills, CMC Town Clerk


Charles Seaford, Mayor of China Grove



RESOLUTION NO. 2020-08

**A RESOLUTION OF THE BOARD OF ALDERMEN OF
THE TOWN OF GRANITE QUARRY, NORTH CAROLINA,
TO ADOPT THE IREDELL ROWAN HAZARD MITIGATION PLAN**

WHEREAS, the citizens and property within the Town of Granite Quarry are subject to the effects of natural hazards that pose threats to lives and cause damage to property, and with the knowledge and experience that certain areas of the town are particularly vulnerable to Thunderstorms, Winter Storms, Hurricanes, Tropical Storms, Drought, Hazardous Material Incidents, Dam/Levee Failure, Wildfire, Lightning, Extreme Heat, Landslides, Earthquakes, and Erosion; and

WHEREAS, the Town desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five year cycle; and

WHEREAS, the Rowan County Emergency Services Department has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management.


WHEREAS, it is the intent of the Board of Aldermen of the Town of Granite Quarry to fulfill this obligation in order that the Town will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the Town;

NOW, THEREFORE, BE IT RESOLVED that the Board of Aldermen of the Town of Granite Quarry hereby:

1. Adopts the Iredell Rowan Hazard Mitigation Plan and
2. Vests Rowan County Emergency Services with the responsibility, authority, and the means to:
 - (a) Inform all concerned parties of this action.
 - (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.
3. Appoints the Rowan County Emergency Services Department to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to Board of Aldermen of the Town of Granite Quarry for consideration.
4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

Adopted at Granite Quarry, North Carolina this 6th day of July 2020.


William D. Feather, Mayor

ATTEST:

Aubrey Smith, Town Clerk



Appendix B: Regulation Checklist

This appendix to the Iredell Rowan Regional Hazard Mitigation Plan contains a copy of a completed Regulation Checklist from FEMA's *Local Mitigation Plan Review Tool*. This checklist provides page numbers indicating where in the Plan each element required by FEMA is met. This serves as a final internal review to confirm that the Plan meets Federal requirements.

LOCAL MITIGATION PLAN REVIEW TOOL

The *Local Mitigation Plan Review Tool* demonstrates how the Local Mitigation Plan meets the regulation in 44 CFR §201.6 and offers States and FEMA Mitigation Planners an opportunity to provide feedback to the community.

- The Regulation Checklist provides a summary of FEMA’s evaluation of whether the Plan has addressed all requirements.
- The Plan Assessment identifies the plan’s strengths as well as documents areas for future improvement.
- The Multi-jurisdiction Summary Sheet is an optional worksheet that can be used to document how each jurisdiction met the requirements of the each Element of the Plan (Planning Process; Hazard Identification and Risk Assessment; Mitigation Strategy; Plan Review, Evaluation, and Implementation; and Plan Adoption).

The FEMA Mitigation Planner must reference this *Local Mitigation Plan Review Guide* when completing the *Local Mitigation Plan Review Tool*.

Jurisdiction: Iredell and Rowan Counties/Jurisdictions	Title of Plan: Iredell Rowan Regional Hazard Mitigation Plan	Date of Plan: December 2019
Local Point of Contact: Iredell County/Rowan County	Address: PO Box 788 Statesville, NC 28687	
Title: Deputy Emergency Management Coordinator		
Agency: Iredell/Rowan County Emergency Management		
Phone Number: (704) 878-5097	E-Mail: jsmyre@co.iredell.nc.us/chris.soliz@rowancountync.gov	

State Reviewer: John Mello	Title: Hazard Mitigation Planner	Date: 3/27/2020 4/14/2020 4/17/2020
--	--	---

FEMA Reviewer: Edwardine S. Marrone Robin Berzins	Title: NC-FIT-Mitigation Planner TN-FIT-Mitigation Planner	Date: 06/01/20 07/08/2020
Date Received in FEMA Region IV	04/23/20	
Plan Not Approved		
Plan Approvable Pending Adoption		
Plan Approved	07/24/20	

✓ Denotes FEMA Reviewer concurs with State Reviewers notations.

✓ Denotes FEMA QC Reviewer concurs

**SECTION 1:
REGULATION CHECKLIST**

INSTRUCTIONS: The Regulation Checklist must be completed by FEMA. The purpose of the Checklist is to identify the location of relevant or applicable content in the Plan by Element/sub-element and to determine if each requirement has been ‘Met’ or ‘Not Met.’ The ‘Required Revisions’ summary at the bottom of each Element must be completed by FEMA to provide a clear explanation of the revisions that are required for plan approval. Required revisions must be explained for each plan sub-element that is ‘Not Met.’ Sub-elements should be referenced in each summary by using the appropriate numbers (A1, B3, etc.), where applicable. Requirements for each Element and sub-element are described in detail in this *Plan Review Guide* in Section 4, Regulation Checklist.

1. REGULATION CHECKLIST		Location in Plan (section and/or page number)	Met	Not Met
Regulation (44 CFR 201.6 Local Mitigation Plans)				
ELEMENT A. PLANNING PROCESS				
A1. Does the Plan document the planning process, including how it was prepared and who was involved in the process for each jurisdiction? (Requirement §201.6(c)(1))	Sec. 2: Planning Process ✓ a) Pg. 2-1 to 2-11; App. G b) Pg. 2-2 ✓ ✓ c) Pg. 2-4 to 2-6 d) Pg. 2-4 to 2.6 e) Pg. 2-1 to 2.14		X	
A2. Does the Plan document an opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, agencies that have the authority to regulate development as well as other interests to be involved in the planning process? (Requirement §201.6(b)(2))	Sec. 2: Planning Process ✓ a) Pg. 2.4 to 2.14 b) Pg. 2.4 to 2.6 c) Pg. 2-13-2.14 ✓ ✓		X	
A3. Does the Plan document how the public was involved in the planning process during the drafting stage? (Requirement §201.6(b)(1))	Sec. 2: Planning Process ✓ a) 2-12 to 2-13 b) 2-12 ✓ ✓		X	
A4. Does the Plan describe the review and incorporation of existing plans, studies, reports, and technical information? (Requirement §201.6(b)(3))	Sec. 7: Capability Assessment ✓ a) 6-3 b) 6-2 to 6-10 Sec. 9: Plan Maintenance Pg. 9-2 ✓ ✓ Section 6, P 6-2 to 6-14 ✓		X	
A5. Is there discussion of how the community(ies) will continue public participation in the plan maintenance process? (Requirement §201.6(c)(4)(iii))	Sec. 9: Plan Maintenance a) 9-4 to 9-5 ✓		X	
A6. Is there a description of the method and schedule for keeping the plan current (monitoring, evaluating and updating the mitigation plan within a 5-year cycle)? (Requirement §201.6(c)(4)(i))	Sec. 9: Plan Maintenance ✓ ✓ a) 9-2 to 9-3 b) 9-2 to 9-3 c) 9-3 d) 9-2 to 9-3		X	

1. REGULATION CHECKLIST		Location in Plan (section and/or page number)	Met	Not Met																																											
Regulation (44 CFR 201.6 Local Mitigation Plans)																																															
ELEMENT A: REQUIRED REVISIONS																																															
<u>Plan Review Guide Regulation Checklist Element/ Sub-element description</u>																																															
A4. 6.2 on pg 6.2 describes a rating scale “scoring methodology, a total score and an overall capability rating of “high,” “moderate,” or “limited” could be determined according to the total number of points received.”																																															
NCEM First Review Required Revisions:																																															
A4a. Unable to locate. Please define the “scoring methodology” measurements (points received) “high,” “moderate,” and “limited” described in paragraph 6.2. Corrected																																															
ELEMENT B. HAZARD IDENTIFICATION AND RISK ASSESSMENT																																															
B1. Does the Plan include a description of the type, location, and extent of all-natural hazards that can affect each jurisdiction(s)? (Requirement §201.6(c)(2)(i))	Section 5: Hazard Profiles		X																																												
	<table border="1"> <thead> <tr> <th>Hazard Type</th> <th>Location</th> <th>Extent</th> </tr> </thead> <tbody> <tr><td>Drought</td><td>10-13</td><td>14</td></tr> <tr><td>Extreme Heat</td><td>18-22</td><td>23</td></tr> <tr><td>Hail</td><td>25-28</td><td>29-30</td></tr> <tr><td>Hurricane Winds</td><td>41-45</td><td>41</td></tr> <tr><td>Lightning</td><td>116-119</td><td>120</td></tr> <tr><td>Thunderstorm Winds</td><td>124-130</td><td>131-132</td></tr> <tr><td>Tornado</td><td>229-231</td><td>232-233</td></tr> <tr><td>Winter Storm</td><td>308-325</td><td>326</td></tr> <tr><td>Earthquake</td><td>336-340</td><td>341</td></tr> <tr><td>Landslide</td><td>436-439</td><td>440</td></tr> <tr><td>Dam/Levee Failure</td><td>445-449</td><td>449</td></tr> <tr><td>Erosion</td><td>455</td><td>455</td></tr> <tr><td>River Flooding</td><td>480-499</td><td>500-502</td></tr> <tr><td>Wildfire</td><td>542-559</td><td>559, 563-566</td></tr> </tbody> </table>	Hazard Type			Location	Extent	Drought	10-13	14	Extreme Heat	18-22	23	Hail	25-28	29-30	Hurricane Winds	41-45	41	Lightning	116-119	120	Thunderstorm Winds	124-130	131-132	Tornado	229-231	232-233	Winter Storm	308-325	326	Earthquake	336-340	341	Landslide	436-439	440	Dam/Levee Failure	445-449	449	Erosion	455	455	River Flooding	480-499	500-502	Wildfire	542-559
Hazard Type	Location	Extent																																													
Drought	10-13	14																																													
Extreme Heat	18-22	23																																													
Hail	25-28	29-30																																													
Hurricane Winds	41-45	41																																													
Lightning	116-119	120																																													
Thunderstorm Winds	124-130	131-132																																													
Tornado	229-231	232-233																																													
Winter Storm	308-325	326																																													
Earthquake	336-340	341																																													
Landslide	436-439	440																																													
Dam/Levee Failure	445-449	449																																													
Erosion	455	455																																													
River Flooding	480-499	500-502																																													
Wildfire	542-559	559, 563-566																																													
B2. Does the Plan include information on previous occurrences of hazard events and on the probability of future hazard events for each jurisdiction? (Requirement §201.6(c)(2)(i))	Section 5: Hazard Profiles		X																																												
<table border="1"> <thead> <tr> <th>Hazard Type</th> <th>Historical Occurrences</th> <th>Probability of Future Events</th> </tr> </thead> <tbody> <tr><td>Drought</td><td>14-15</td><td>16</td></tr> <tr><td>Extreme Heat</td><td>23</td><td>24</td></tr> <tr><td>Hail</td><td>30-37</td><td>38</td></tr> <tr><td>Hurricane Winds</td><td>42-48</td><td>48-49</td></tr> <tr><td>Lightning</td><td>120-121</td><td>122</td></tr> <tr><td>Thunderstorm Winds</td><td>132-157</td><td>158-159</td></tr> <tr><td>Tornado</td><td>233-236</td><td>236-237</td></tr> <tr><td>Winter Storm</td><td>326-331</td><td>331-332</td></tr> <tr><td>Earthquake</td><td>341-342</td><td>342-343</td></tr> <tr><td>Landslide</td><td>440-443</td><td>443-444</td></tr> <tr><td>Dam/Levee Failure</td><td>449</td><td>449-450</td></tr> <tr><td>Erosion</td><td>456</td><td>456</td></tr> <tr><td>River Flooding</td><td>502-505</td><td>509-510</td></tr> <tr><td>Wildfire</td><td>560-562</td><td>562-563</td></tr> </tbody> </table>	Hazard Type	Historical Occurrences			Probability of Future Events	Drought	14-15	16	Extreme Heat	23	24	Hail	30-37	38	Hurricane Winds	42-48	48-49	Lightning	120-121	122	Thunderstorm Winds	132-157	158-159	Tornado	233-236	236-237	Winter Storm	326-331	331-332	Earthquake	341-342	342-343	Landslide	440-443	443-444	Dam/Levee Failure	449	449-450	Erosion	456	456	River Flooding	502-505	509-510	Wildfire	560-562	562-563
Hazard Type	Historical Occurrences	Probability of Future Events																																													
Drought	14-15	16																																													
Extreme Heat	23	24																																													
Hail	30-37	38																																													
Hurricane Winds	42-48	48-49																																													
Lightning	120-121	122																																													
Thunderstorm Winds	132-157	158-159																																													
Tornado	233-236	236-237																																													
Winter Storm	326-331	331-332																																													
Earthquake	341-342	342-343																																													
Landslide	440-443	443-444																																													
Dam/Levee Failure	449	449-450																																													
Erosion	456	456																																													
River Flooding	502-505	509-510																																													
Wildfire	560-562	562-563																																													

1. REGULATION CHECKLIST		Location in Plan (section and/or page number)	Met	Not Met	
Regulation (44 CFR 201.6 Local Mitigation Plans) B3. Is there a description of each identified hazard's impact on the community as well as an overall summary of the community's vulnerability for each jurisdiction? (Requirement §201.6(c)(2)(ii))	Section 5: Hazard Profiles ✓✓		X		
	Hazard Type	Hazard's Impact			Vulnerability
	Drought	16-17			16-17
	Extreme Heat	25			25
	Hail	38-39			38-39
	Hurricane Winds	49-114			49-114
	Lightning	122-123			122-123
	Thunderstorm Winds	159-224			159-224
	Tornado	238-307			238-307
	Winter Storm	332			332
	Earthquake	343-433			343-433
	Landslide	444			444
	Dam/Levee Failure	450-454			450-454
	Erosion	457			457
River Flooding	510-537	510-537			
Wildfire	563-580	563-580			
B4. Does the Plan address NFIP insured structures within the jurisdiction that have been repetitively damaged by floods? (Requirement §201.6(c)(2)(ii))	Section 5: Hazard Profiles Pg 5-506 – 5-508 ✓✓ P 5-534 – 5-535		X		

1. REGULATION CHECKLIST		Location in Plan (section and/or page number)	Met	Not Met
Regulation (44 CFR 201.6 Local Mitigation Plans)				
ELEMENT B: REQUIRED REVISIONS				
<u>Plan Review Guide Regulation Checklist Element/ Sub-element and Job Aid Description</u>				
<p>B1. The description, or profile, must include information on location, extent, previous occurrences, and future probability for each hazard.</p> <p>B2a. The plan must include the history of previous hazard events for each of the identified hazards.</p> <p>B2b. The plan must include the probability of future events for each identified hazard. B3.</p> <p>B3a. For each participating jurisdiction, the plan must describe the potential impacts of each of the identified hazards on the community.</p> <p>B4. No revisions identified</p>				
NCEM First Review Required Revisions:				
<p>B1. See Attachment – See comment below</p> <p>B2. See Attachment - Corrected</p> <p>B3. See Attachment – Corrected</p>				
<u>Plan Review Guide Regulation Checklist Element/ Sub-element and Job Aid Description</u>				
<p>B1c. Wildfire Extent, The description, or profile, must include information on location, extent, previous occurrences, and future probability for each hazard.</p> <p>Job Aid: Per requirement §201.6(c)(2)(i) the extent of Wildfire Risk Assessment must be documented for <u>each</u> jurisdiction within the plan. See job Aid for multi-jurisdictional plans, Element 1Bc. Concerning “spatial hazards.” And job aid for “Wild Fire” concerning extent and location. This can be accomplished by a scientific scale, such as the fire intensity scale found on SouthWRAP’s website, or with a narrative describing the severity of the largest fires in the planning area, typically the total acres burned. A fire intensity scale map can also meet location because the map identifies areas where potentially dangerous fire conditions exist.</p>				
NCEM Second Review Required Revisions:				
<p>B1. Please ensure county level maps display town names and that fire intensity can be identified within town boundaries. Otherwise, include a map for <u>each</u> jurisdiction displaying fire intensity within the town boundary. A narrative may be used to clarify fire intensity or describe the severity of the largest fires in the planning area, typically the total number of acres burned. - Corrected</p>				
ELEMENT C. MITIGATION STRATEGY				
C1. Does the plan document each jurisdiction’s existing authorities, policies, programs and resources and its ability to expand on and improve these existing policies and programs? (Requirement §201.6(c)(3))	Sec. 6: Capability Assessment a) 6-1 to 6-15 ✓✓		X	
C2. Does the Plan address each jurisdiction’s participation in the NFIP and continued compliance with NFIP requirements, as appropriate? (Requirement §201.6(c)(3)(ii))	Sec. 6: Capability Assessment a) Pg. 6-2 to 6-11 Sec. 4: Hazard ID a) Pg. 4-16; ✓✓ Sec. 5: Risk Assessment a) Pg. 5-506 Sec. 7: Mitigation Strategy a) Pg. 7-2 P 6-8 to 6-9 ✓		X	

1. REGULATION CHECKLIST		Location in Plan (section and/or page number)	Met	Not Met
Regulation (44 CFR 201.6 Local Mitigation Plans)				
C3. Does the Plan include goals to reduce/avoid long-term vulnerabilities to the identified hazards? (Requirement §201.6(c)(3)(i))	Sec. 7: Mitigation Strategy a) Pg. 7-2 to 7-3 ✓✓ b) Pg. 7-1 to 7-6 ✓✓		X	
C4. Does the Plan identify and analyze a comprehensive range of specific mitigation actions and projects for each jurisdiction being considered to reduce the effects of hazards, with emphasis on new and existing buildings and infrastructure? (Requirement §201.6(c)(3)(ii))	Sec. 7: Mitigation Strategy a) Pg. 7-2 to 7-6 Sec. 8: Mitigation Action Plan b) Pg. 8-1 to 8-43 ✓✓		X	
C5. Does the Plan contain an action plan that describes how the actions identified will be prioritized (including cost benefit review), implemented, and administered by each jurisdiction? (Requirement §201.6(c)(3)(iv)); (Requirement §201.6(c)(3)(iii))	Sec. 7.1.1 Mitigation Action Prioritization a) Pg. 7-2 b) Pg. 7-2 ✓✓ Sec. 8 Mitigation Action Plans c) Pg. 8-1 to 8-43 ✓✓		X	
C6. Does the Plan describe a process by which local governments will integrate the requirements of the mitigation plan into other planning mechanisms, such as comprehensive or capital improvement plans, when appropriate? (Requirement §201.6(c)(4)(ii))	Sec. 6 Capability Assessment ✓✓ a) Pg. 6-2 to 6-10 b) Pg. 6.2 to 6-10 c) Pg. 6-2 to 6-10 d) Pg. 6-2 to 6-10 e) Pg. 6-2 to 6-10 Pg. 6-14 ✓		X	
ELEMENT C: REQUIRED REVISIONS				
C1. No revisions identified				
C2. No revisions identified				
C3. No revisions identified				
C6. No revisions identified				
<u>Plan Review Guide Regulation Checklist Element/ Sub-element description</u>				
C4. Does the Plan identify and analyze a comprehensive range of specific mitigation actions and projects for each jurisdiction?				
C5a. The plan must describe the criteria used for prioritizing implementation of the actions.				
<u>Mitigation Action Table Required Revisions:</u>				
C4. Action: The communities of Iredell County, Harmony, Love Valley, Mooresville, Statesville, and Troutman, must make the following required revision to action P-1:				
NCEM First Review Required Revisions:				
P-1., The status statement "For example, during the update of this plan, the county and municipalities joined together to achieve the local match to fund the project." is an incorrect statement. The 25% match required for HMGP-4285 (Hurricane Matthew 7% planning funds), to update all local mitigation plans during the 2019-2024 cycle, is being paid by the State of NC. This satisfies the 25% local match requirement. Please remove that sentence from the status and provide a different example for each community listed above. Corrected				
C4. Action: The communities of Rowan County, China Grove, Cleveland, East Spencer, Granite Quarry, Landis, Rockwell, Salisbury, and Spencer, should make the following required revision to action PP-1:				
NCEM First Review Required Revisions:				

1. REGULATION CHECKLIST		Location in Plan (section and/or page number)	Met	Not Met
Regulation (44 CFR 201.6 Local Mitigation Plans)				
<p>PP-1. Recommend adding "State and Federal Grants" or "Hazard Mitigation Grant Funding" to "Funding Sources" instead of using only local funds for expensive projects such as "retrofit, relocation or purchase of habitable structures." Please make the revision for each community listed above. Corrected</p> <p>C5. Action: Section 6.2, pg 6.2, last paragraph refers to a point scoring system that assigns a rating of High, medium, or low, capability but does not describe the point system or define what number of points constitutes a rating of High, medium, or low.</p> <p>NCEM First Review Required Revisions:</p> <p>C5a. Describe the point numbering system used to rate capability and define what number of points constitutes a rating of High, medium, or low. Corrected</p>				
ELEMENT D. PLAN REVIEW, EVALUATION, AND IMPLEMENTATION (applicable to plan updates only)				
D1. Was the plan revised to reflect changes in development? (Requirement §201.6(d)(3))	Section 5: Hazard Profiles a) Pg. 5-582 P 5-580 ✓		X	
D2. Was the plan revised to reflect progress in local mitigation efforts? (Requirement §201.6(d)(3))	Section 7: Mitigation Strategy a) Pg. 7-5 to 7-6 P 8-3 to 8-43 ✓		X	
D3. Was the plan revised to reflect changes in priorities? (Requirement §201.6(d)(3))	Section 7: Mitigation Strategy a) Pg. 7-2 ✓✓		X	
<u>ELEMENT D: REQUIRED REVISIONS</u>				
D1. No revisions identified				
D2. No revisions identified				
D3. No revisions identified				
ELEMENT E. PLAN ADOPTION				
E1. Does the Plan include documentation that the plan has been formally adopted by the governing body of the jurisdiction requesting approval? (Requirement §201.6(c)(5))	App. A (placeholder until jurisdictions adopts; typically, after the Approvable Pending Adopting (APA) declaration from FEMA)		X	
E2. For multi-jurisdictional plans, has each jurisdiction requesting approval of the plan documented formal plan adoption? (Requirement §201.6(c)(5))	App. A (placeholder until jurisdictions adopts; typically, after the Approvable Pending Adopting (APA) declaration from FEMA)		X	

1. REGULATION CHECKLIST

Regulation (44 CFR 201.6 Local Mitigation Plans)

**Location in Plan
(section and/or
page number)**

**Met Not
Met Met**

ELEMENT E: REQUIRED REVISIONS

Iredell and Rowan Counties provided adoption documentation with plan submission.

8-21-20 The following participating jurisdictions provided adoption documentation:

- Town of Faith
- Town of Granite Quarry
- Town of Rockwell
- City of Salisbury

11-12-20 The following participating jurisdictions provided adoption documentation:

- Town of China Grove
- Town of Cleveland
- Town of East Spencer
- Town of Spencer

12-11-20 The following participating jurisdictions provided adoption documentation:

- Town of Landis
- Town of Mooresville
- Town of Troutman

12-16-20 Town of Harmony provided adoption documentation.

2-1-21 Town of Love Valley provided adoption documentation.

2-2-21 City of Statesville provided adoption documentation.

ELEMENT F. ADDITIONAL STATE REQUIREMENTS (OPTIONAL FOR STATE REVIEWERS ONLY; NOT TO BE COMPLETED BY FEMA)

F1.			
F2.			

ELEMENT F: REQUIRED REVISIONS

SECTION 2: PLAN ASSESSMENT

INSTRUCTIONS: The purpose of the Plan Assessment is to offer the local community more comprehensive feedback to the community on the quality and utility of the plan in a narrative format. The audience for the Plan Assessment is not only the plan developer/local community planner, but also elected officials, local departments and agencies, and others involved in implementing the Local Mitigation Plan. The Plan Assessment must be completed by FEMA. The Assessment is an opportunity for FEMA to provide feedback and information to the community on: 1) suggested improvements to the Plan; 2) specific sections in the Plan where the community has gone above and beyond minimum requirements; 3) recommendations for plan implementation; and 4) ongoing partnership(s) and information on other FEMA programs, specifically RiskMAP and Hazard Mitigation Assistance programs. The Plan Assessment is divided into two sections:

1. Plan Strengths and Opportunities for Improvement
2. Resources for Implementing Your Approved Plan

Plan Strengths and Opportunities for Improvement is organized according to the plan Elements listed in the Regulation Checklist. Each Element includes a series of italicized bulleted items that are suggested topics for consideration while evaluating plans, but it is not intended to be a comprehensive list. FEMA Mitigation Planners are not required to answer each bullet item, and should use them as a guide to paraphrase their own written assessment (2-3 sentences) of each Element.

The Plan Assessment must not reiterate the required revisions from the Regulation Checklist or be regulatory in nature, and should be open-ended and to provide the community with suggestions for improvements or recommended revisions. The recommended revisions are suggestions for improvement and are not required to be made for the Plan to meet Federal regulatory requirements. The italicized text should be deleted once FEMA has added comments regarding strengths of the plan and potential improvements for future plan revisions. It is recommended that the Plan Assessment be a short synopsis of the overall strengths and weaknesses of the Plan (no longer than two pages), rather than a complete recap section by section.

Resources for Implementing Your Approved Plan provides a place for FEMA to offer information, data sources and general suggestions on the overall plan implementation and maintenance process. Information on other possible sources of assistance including, but not limited to, existing publications, grant funding or training opportunities, can be provided. States may add state and local resources, if available.

A. Plan Strengths and Opportunities for Improvement

This section provides a discussion of the strengths of the plan document and identifies areas where these could be improved beyond minimum requirements.

Element A: Planning Process

Plan Strengths

- Participating jurisdictions involvement in the planning process is well documented.
- Stakeholders participating in the plan updated included American Red Cross, Thorlos Textiles, NC Forest Service, and Duke Energy.
- A brief summary of the public survey results is provided in Section 2.6.1. The detailed survey results are in Appendix F.

Element B: Hazard Identification and Risk Assessment

Plan Strengths

- The hazards discussed are those that may affect the participating jurisdictions in varying degrees. The way the plan is written allows the reader to have a full picture of which hazards present a higher risk to the participating jurisdictions therefore these are the hazards that have higher priority mitigations strategies.
- The risk assessment is the groundwork for the development of mitigation measures. The plan draws from each of the community's plans to document the community's sustained efforts to incorporate hazard mitigation principles and practices into routine government activities and functions thus establishing a successful and sustainable local hazard mitigation program.
- The plan made good use of anecdotal information conveyed in Table 5-212: USGS Peak to express Extent. Mitigation focused on high or moderate risks hazard. P1-2
- Maps conveyed hazard location, and in some instance's extent, at the jurisdictional level.

Element C: Mitigation Strategy

Plan Strengths

- Having a documented structure for developing new actions and reporting on the status of existing actions will provide the living document a path for continued efforts towards maintaining and building a resilient community.
- The proposed mitigation projects are specific and actionable. Those carried over from the previous plan, were evaluated and re-prioritized.
- Mitigation focused on high or moderate risks hazard.

Element D: Plan Update, Evaluation, and Implementation (*Plan Updates Only*)

Plan Strengths

A monitoring, evaluation, and updating process is well documented and will allow the jurisdictions to continue to further mitigation.

B. Resources for Implementing Your Approved Plan

- **Local Mitigation Planning Handbook**
This Handbook provides guidance to local governments on developing or updating hazard mitigation plans to meet the requirements under the Code of Federal Regulations (CFR) Title 44 – Emergency Management and Assistance §201.6.
Use the Local Plan Guide and Handbook in tandem to understand technical requirements
<http://www.fema.gov/library/viewRecord.do?fromSearch=fromsearch&id=7209>
- **Integrating Mitigation Strategies with Local Planning**
This resource provides practical guidance on how to incorporate risk reduction strategies into existing local plans, policies, codes, and programs that guide community development or redevelopment patterns.
<http://www.fema.gov/library/viewRecord.do?id=7130>
- **Mitigation Ideas**
Communities can use this resource to identify and evaluate a range of potential mitigation actions for reducing risk to natural hazards and disasters.
<http://www.fema.gov/media-library/assets/documents/30627?id=6938>
- **Risk MAP Program:**
This resource provides an introduction to Risk MAP and information about the products Risk MAP offers to better understand flood risk. This information can help planning to reduce flood risk and communicate with residents.
<https://www.fema.gov/risk-map-program-information-community-officials>

**SECTION 3:
MULTI-JURISDICTION SUMMARY SHEET (OPTIONAL)**

INSTRUCTIONS: For multi-jurisdictional plans, a Multi-jurisdiction Summary Spreadsheet may be completed by listing each participating jurisdiction, which required Elements for each jurisdiction were ‘Met’ or ‘Not Met,’ and when the adoption resolutions were received. This Summary Sheet does not imply that a mini-plan be developed for each jurisdiction; it should be used as an optional worksheet to ensure that each jurisdiction participating in the Plan has been documented and has met the requirements for those Elements (A through E).

#	Jurisdiction Name	Jurisdiction Type (city/borough / township/ village, etc.)	Mailing Address	Email	Phone	Requirements Met (Y/N)					
						A. Planning Process	B. Hazard Identification & Risk Assessment	C. Mitigation Strategy	D. Plan Review, Evaluation & Implementation	E. Plan Adoption	F. State Requirements
1	Iredell	County				Y	Y	Y	Y	Y	
2	Harmony	Town		harmonync@yadtel.net		Y	Y	Y	Y	Y	
3	Love Valley	Town		mayoroflovevalley@gmail.com		Y	Y	Y	Y	Y	
4	Mooreville	Town		cdeaton@moorevillenc.gov		Y	Y	Y	Y	Y	
5	Statesville	City		aweatherman@statesvillenc.net		Y	Y	Y	Y	Y	
6	Troutman	Town		sshealy@troutmannnc.gov		Y	Y	Y	Y	Y	
7	Rowan	County				Y	Y	Y	Y	Y	
8	China Grove	Town		townmanager@chinagroveenc.gov		Y	Y	Y	Y	Y	

#	Jurisdiction Name	Jurisdiction Type (city/borough / township/ village, etc.)	Mailing Address	Email	Phone	Requirements Met (Y/N)					
						A. Planning Process	B. Hazard Identification & Risk Assessment	C. Mitigation Strategy	D. Plan Review, Evaluation & Implementation	E. Plan Adoption	F. State Requirements
9	Cleveland	Town		dgabriel@clevelandnc.org		Y	Y	Y	Y	Y	
10	East Spencer	Town		townadministrator@townofeastspencer.org		Y	Y	Y	Y	Y	
11	Faith	Town		kmb4514@gmail.com		Y	Y	Y	Y	Y	
12	Granite Quarry	Town		townmanager@granitequarrync.gov		Y	Y	Y	Y	Y	
13	Landis	Town		leonardbarefoot@gmail.com		Y	Y	Y	Y	Y	
14	Rockwell	Town		mayor@rockwellnc.gov		Y	Y	Y	Y	Y	
15	Salisbury	City		lbail@salisburync.gov		Y	Y	Y	Y	Y	
16	Spencer	Town		townmanager@ci.spencer.nc.us		Y	Y	Y	Y	Y	
17											
18											
19											
20											

Appendix C – State and Federal Approval Letters



FEMA

July 24, 2020

Mr. Steve McGugan
State Hazard Mitigation Officer
Assistant Director / Mitigation Section Chief
Division of Emergency Management
NC Department of Public Safety
200 Park Offices Drive
Durham, NC 27713

Reference: Multi-Jurisdictional Hazard Mitigation Plan: Iredell Rowan Regional

Dear Mr. McGugan:

We are pleased to inform you that the Iredell Rowan Regional Multi-Jurisdictional Hazard Mitigation Plan Update is in compliance with the Federal hazard mitigation planning requirements resulting from the Disaster Mitigation Act of 2000, as contained in 44 CFR 201.6. The plan is approved for a period of five (5) years effective July 24, 2020 to July 23, 2025.

This plan approval extends to the following participating jurisdictions that provided a copy of their resolutions adopting the plan:

- Iredell County, Unincorporated
- Rowan County, Unincorporated

The approved participating jurisdictions are hereby eligible applicants through the State for the following mitigation grant programs administered by the Federal Emergency Management Agency (FEMA):

- Hazard Mitigation Grant Program (HMGP)
- Pre-Disaster Mitigation (PDM)
- Flood Mitigation Assistance (FMA)

National Flood Insurance Program (NFIP) participation is required for some programs.


We commend the participants in the Iredell Rowan Regional Multi-Jurisdictional Hazard Mitigation Plan for development of a solid, workable plan that will guide hazard mitigation activities over the coming years. Please note, all requests for funding will be evaluated individually according to the specific eligibility and other requirements of the particular program under which the application is submitted. For example, a specific mitigation activity or project identified in the plan may not meet the eligibility requirements for FEMA funding, and even eligible mitigation activities are not automatically approved for FEMA funding under any of the aforementioned programs.

We strongly encourage each community to perform an annual review and assessment of the effectiveness of their hazard mitigation plan; however, a formal plan update is required at least every five (5) years. We also encourage each community to conduct a plan update process within one (1) year of being

included within a Presidential Disaster Declaration or of the adoption of major modifications to their local Comprehensive Land Use Plan or other plans that affect hazard mitigation or land use and development. When you prepare a comprehensive plan update, it must be resubmitted through the State as a “plan update” and is subject to a formal review and approval process by our office. If the plan is not updated prior to the required five (5) year update, please ensure that the Draft update is submitted at least six (6) months prior to expiration of this plan approval.

The State and the participants in the Iredell Rowan Regional Multi-Jurisdictional Hazard Mitigation Plan should be commended for their close coordination and communications with our office in the review and subsequent approval of the plan. If you or the participants in the Iredell Rowan Regional Multi-Jurisdictional Hazard Mitigation Plan have any questions or need any additional information please do not hesitate to contact Jean Neptune, of the Hazard Mitigation Assistance Branch, at (770) 220-5474 or Edwardine S. Marrone, of my staff, at (404) 433-3968.

Sincerely,

A handwritten signature in blue ink that reads "Kristen M. Martinenza". The signature is written in a cursive style with a large, looped 'K' and 'M'.

Kristen M. Martinenza, P.E., CFM
Branch Chief
Risk Analysis
FEMA Region IV



FEMA

November 12, 2020

Mr. Steve McGugan
State Hazard Mitigation Officer
Assistant Director / Mitigation Section Chief
Division of Emergency Management
NC Department of Public Safety
200 Park Offices Drive
Durham, NC 27713

Reference: Multi-Jurisdictional Hazard Mitigation Plan: Iredell Rowan Regional

Dear Mr. McGugan:

This is a follow-up to our previous correspondence of July 24, 2020, in which we approved the Iredell Rowan Regional Multi-Jurisdictional Hazard Mitigation Plan and all the participating communities that submitted their resolutions at the time of plan approval. We have recently received from your office the following resolutions for inclusion within this plan and subsequently have approved the communities under the approved Iredell Rowan Regional Multi-Jurisdictional Hazard Mitigation Plan effective November 12, 2020:

- Town of China Grove
- Town of Cleveland
- Town of East Spencer
- Town of Spencer

The approved participating communities are hereby eligible applicants through the State for the following mitigation grant programs administered by the Federal Emergency Management Agency (FEMA):

- Hazard Mitigation Grant Program (HMGP)
- Flood Mitigation Assistance (FMA)
- Building Resilient Infrastructure and Communities (BRIC)

National Flood Insurance Program (NFIP) participation is required for some programs.

We commend the participants in the Iredell Rowan Regional Multi-Jurisdictional Hazard Mitigation Plan for the development of a solid, workable plan that will guide hazard mitigation activities over the coming years. Please note that all requests for funding will be evaluated individually according to the specific eligibility and other requirements of the particular program under which the application is submitted. For example, a specific mitigation activity or project identified in the plan may not meet the eligibility requirements for FEMA funding, and even eligible mitigation activities are not automatically approved for FEMA funding under any of the aforementioned programs.

We strongly encourage each community to perform an annual review and assessment of the effectiveness of their hazard mitigation plan; however, a formal plan update is required at least every five (5) years. We also encourage each community to conduct a plan update process within one (1) year of being included within a Presidential Disaster Declaration or of the adoption of major modifications to their local Comprehensive Land Use Plan or other plans that affect hazard mitigation or land use and development.

When the Plan is amended or revised, the amendments and revisions should be incorporated into the next plan update. If the Plan is not updated prior to the required five (5) year update, please ensure that the Draft update is submitted at least six (6) months prior to expiration of this plan approval.

If you or the participants in the Iredell Rowan Regional Multi-Jurisdictional Hazard Mitigation Plan have any further questions or need any additional information, please do not hesitate to contact Catherine Strickland, of the Hazard Mitigation Assistance Branch, at (770) 220-5328 or Edwardine S. Marrone, of my staff, at (404) 433-3968.

Sincerely,

A handwritten signature in blue ink that reads "Kristen M. Martinenza". The signature is written in a cursive style.

Kristen M. Martinenza, P.E., CFM
Branch Chief
Risk Analysis
FEMA Region IV



FEMA

December 11, 2020

Mr. Steve McGugan
State Hazard Mitigation Officer
Assistant Director / Mitigation Section Chief
Division of Emergency Management
NC Department of Public Safety
200 Park Offices Drive
Durham, NC 27713

Reference: Multi-Jurisdictional Hazard Mitigation Plan: Iredell Rowan Regional

Dear Mr. McGugan:

This is a follow-up to our previous correspondence of July 24, 2020, in which we approved the Iredell Rowan Regional Multi-Jurisdictional Hazard Mitigation Plan and all the participating communities that submitted their resolutions at the time of plan approval. We have recently received from your office the following resolutions for inclusion within this plan and subsequently have approved the communities under the approved Iredell Rowan Regional Multi-Jurisdictional Hazard Mitigation Plan effective December 11, 2020:

- Town of Landis
- Town of Mooresville
- Town of Troutman

The approved participating communities are hereby eligible applicants through the State for the following mitigation grant programs administered by the Federal Emergency Management Agency (FEMA):

- Hazard Mitigation Grant Program (HMGP)
- Flood Mitigation Assistance (FMA)
- Building Resilient Infrastructure and Communities (BRIC)

National Flood Insurance Program (NFIP) participation is required for some programs.

We commend the participants in the Iredell Rowan Regional Multi-Jurisdictional Hazard Mitigation Plan for the development of a solid, workable plan that will guide hazard mitigation activities over the coming years. Please note that all requests for funding will be evaluated individually according to the specific eligibility and other requirements of the particular program under which the application is submitted. For example, a specific mitigation activity or project identified in the plan may not meet the eligibility requirements for FEMA funding, and even eligible mitigation activities are not automatically approved for FEMA funding under any of the aforementioned programs.

We strongly encourage each community to perform an annual review and assessment of the effectiveness of their hazard mitigation plan; however, a formal plan update is required at least every five (5) years. We also encourage each community to conduct a plan update process within one (1) year of being included within a Presidential Disaster Declaration or of the adoption of major modifications to their local Comprehensive Land Use Plan or other plans that affect hazard mitigation or land use and development.

When the Plan is amended or revised, the amendments and revisions should be incorporated into the next plan update. If the Plan is not updated prior to the required five (5) year update, please ensure that the Draft update is submitted at least six (6) months prior to expiration of this plan approval.

If you or the participants in the Iredell Rowan Regional Multi-Jurisdictional Hazard Mitigation Plan have any further questions or need any additional information, please do not hesitate to contact Celicia A. Davis, of the Hazard Mitigation Assistance Branch, at (770) 220-5253, Dontrey L. Garnett, of the Hazard Mitigation Assistance Branch, at (770) 220-3145 or Edwardine S. Marrone, of my staff, at (404) 433-3968.

Sincerely,

A handwritten signature in blue ink that reads "Kristen M. Martinenza". The signature is written in a cursive style with a large, stylized initial 'K'.

Kristen M. Martinenza, P.E., CFM
Branch Chief
Risk Analysis
FEMA Region IV



FEMA

December 16, 2020

Mr. Steve McGugan
State Hazard Mitigation Officer
Assistant Director / Mitigation Section Chief
Division of Emergency Management
NC Department of Public Safety
200 Park Offices Drive
Durham, NC 27713

Reference: Multi-Jurisdictional Hazard Mitigation Plan: Iredell Rowan Regional

Dear Mr. McGugan:

This is a follow-up to our previous correspondence of July 24, 2020, in which we approved the Iredell Rowan Regional Multi-Jurisdictional Hazard Mitigation Plan and all the participating communities that submitted their resolutions at the time of plan approval. We have recently received from your office the following resolution for inclusion within this plan and subsequently have approved the community under the approved Iredell Rowan Regional Multi-Jurisdictional Hazard Mitigation Plan effective December 16, 2020:

- Town of Harmony

The approved participating community is hereby an eligible applicant through the State for the following mitigation grant programs administered by the Federal Emergency Management Agency (FEMA):

- Hazard Mitigation Grant Program (HMGP)
- Flood Mitigation Assistance (FMA)
- Building Resilient Infrastructure and Communities (BRIC)

National Flood Insurance Program (NFIP) participation is required for some programs.

We commend the participants in the Iredell Rowan Regional Multi-Jurisdictional Hazard Mitigation Plan for the development of a solid, workable plan that will guide hazard mitigation activities over the coming years. Please note that all requests for funding will be evaluated individually according to the specific eligibility and other requirements of the particular program under which the application is submitted. For example, a specific mitigation activity or project identified in the plan may not meet the eligibility requirements for FEMA funding, and even eligible mitigation activities are not automatically approved for FEMA funding under any of the aforementioned programs.

We strongly encourage each community to perform an annual review and assessment of the effectiveness of their hazard mitigation plan; however, a formal plan update is required at least every five (5) years. We also encourage each community to conduct a plan update process within one (1) year of being included within a Presidential Disaster Declaration or of the adoption of major modifications to their local Comprehensive Land Use Plan or other plans that affect hazard mitigation or land use and development.

When the Plan is amended or revised, the amendments and revisions should be incorporated into the next plan update. If the Plan is not updated prior to the required five (5) year update, please ensure that the Draft update is submitted at least six (6) months prior to expiration of this plan approval.

If you or the participants in the Iredell Rowan Regional Multi-Jurisdictional Hazard Mitigation Plan have any further questions or need any additional information please do not hesitate to contact Celicia A. Davis, of the Hazard Mitigation Assistance Branch, at (770) 220-5253, Dontrey L. Garnett, of the Hazard Mitigation Assistance Branch, at (770) 220-3145 or Edwardine S. Marrone, of my staff, at (404) 433-3968.

Sincerely,

A handwritten signature in blue ink that reads "Kristen M. Martinenza". The signature is fluid and cursive, with the first name "Kristen" being the most prominent part.

Kristen M. Martinenza, P.E., CFM
Branch Chief
Risk Analysis
FEMA Region IV



FEMA

February 1, 2021

Mr. Steve McGugan
State Hazard Mitigation Officer
Assistant Director / Mitigation Section Chief
Division of Emergency Management
NC Department of Public Safety
200 Park Offices Drive
Durham, NC 27713

Reference: Multi-Jurisdictional Hazard Mitigation Plan: Iredell Rowan Regional

Dear Mr. McGugan:

This is a follow-up to our previous correspondence of July 24, 2020, in which we approved the Iredell Rowan Regional Multi-Jurisdictional Hazard Mitigation Plan and all the participating communities that submitted their resolutions at the time of plan approval. We have recently received from your office the following resolution for inclusion within this plan and subsequently have approved the community under the approved Iredell Rowan Regional Multi-Jurisdictional Hazard Mitigation Plan effective February 1, 2021:

- Town of Love Valley

The approved participating community is hereby an eligible applicant through the State for the following mitigation grant programs administered by the Federal Emergency Management Agency (FEMA):

- Hazard Mitigation Grant Program (HMGP)
- Flood Mitigation Assistance (FMA)
- Building Resilient Infrastructure and Communities (BRIC)

National Flood Insurance Program (NFIP) participation is required for some programs.

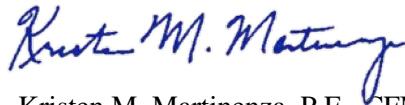
We commend the participants in the Iredell Rowan Regional Multi-Jurisdictional Hazard Mitigation Plan for the development of a solid, workable plan that will guide hazard mitigation activities over the coming years. Please note that all requests for funding will be evaluated individually according to the specific eligibility and other requirements of the particular program under which the application is submitted. For example, a specific mitigation activity or project identified in the plan may not meet the eligibility requirements for FEMA funding, and even eligible mitigation activities are not automatically approved for FEMA funding under any of the aforementioned programs.

We strongly encourage each community to perform an annual review and assessment of the effectiveness of their hazard mitigation plan; however, a formal plan update is required at least every five (5) years. We also encourage each community to conduct a plan update process within one (1) year of being included within a Presidential Disaster Declaration or of the adoption of major modifications to their local Comprehensive Land Use Plan or other plans that affect hazard mitigation or land use and development.

When the Plan is amended or revised, the amendments and revisions should be incorporated into the next plan update. If the Plan is not updated prior to the required five (5) year update, please ensure that the Draft update is submitted at least six (6) months prior to expiration of this plan approval.

If you or the participants in the Iredell Rowan Regional Multi-Jurisdictional Hazard Mitigation Plan have any further questions or need any additional information, please do not hesitate to contact Celicia A. Davis, of the Hazard Mitigation Assistance Branch, at (770) 220-5253, Dontrey L. Garnett, of the Hazard Mitigation Assistance Branch, at (770) 220-3145 or Edwardine S. Marrone, of my staff, at (404) 433-3968.

Sincerely,

A handwritten signature in blue ink that reads "Kristen M. Martinenza". The signature is written in a cursive style with a large, stylized 'K' and 'M'.

Kristen M. Martinenza, P.E., CFM
Branch Chief
Risk Analysis
FEMA Region IV



FEMA

February 4, 2021

Mr. Steve McGugan
State Hazard Mitigation Officer
Assistant Director / Mitigation Section Chief
Division of Emergency Management
NC Department of Public Safety
200 Park Offices Drive
Durham, NC 27713

Reference: Multi-Jurisdictional Hazard Mitigation Plan: Iredell Rowan Regional

Dear Mr. McGugan:

This is a follow-up to our previous correspondence of July 24, 2020, in which we approved the Iredell Rowan Regional Multi-Jurisdictional Hazard Mitigation Plan and all the participating communities that submitted their resolutions at the time of plan approval. We have recently received from your office the following resolution for inclusion within this plan and subsequently have approved the community under the approved Iredell Rowan Regional Multi-Jurisdictional Hazard Mitigation Plan effective February 2, 2021:

- City of Statesville

The approved participating community is hereby an eligible applicant through the State for the following mitigation grant programs administered by the Federal Emergency Management Agency (FEMA):

- Hazard Mitigation Grant Program (HMGP)
- Flood Mitigation Assistance (FMA)
- Building Resilient Infrastructure and Communities (BRIC)

National Flood Insurance Program (NFIP) participation is required for some programs.

We commend the participants in the Iredell Rowan Regional Multi-Jurisdictional Hazard Mitigation Plan for the development of a solid, workable plan that will guide hazard mitigation activities over the coming years. Please note that all requests for funding will be evaluated individually according to the specific eligibility and other requirements of the particular program under which the application is submitted. For example, a specific mitigation activity or project identified in the plan may not meet the eligibility requirements for FEMA funding, and even eligible mitigation activities are not automatically approved for FEMA funding under any of the aforementioned programs.


We strongly encourage each community to perform an annual review and assessment of the effectiveness of their hazard mitigation plan; however, a formal plan update is required at least every five (5) years.

We also encourage each community to conduct a plan update process within one (1) year of being included within a Presidential Disaster Declaration or of the adoption of major modifications to their local Comprehensive Land Use Plan or other plans that affect hazard mitigation or land use and development.

When the Plan is amended or revised, the amendments and revisions should be incorporated into the next plan update. If the Plan is not updated prior to the required five (5) year update, please ensure that the Draft update is submitted at least six (6) months prior to expiration of this plan approval.

If you or the participants in the Iredell Rowan Regional Multi-Jurisdictional Hazard Mitigation Plan have any further questions or need any additional information, please do not hesitate to contact Celicia A. Davis, of the Hazard Mitigation Assistance Branch, at (770) 220-5253, Dontrey L. Garnett, of the Hazard Mitigation Assistance Branch, at (770) 220-3145 or Edwardine S. Marrone, of my staff, at (404) 433-3968.

Sincerely,

A handwritten signature in blue ink that reads "Kristen M. Martinenza". The signature is written in a cursive style with a large, looped initial 'K'.

Kristen M. Martinenza, P.E., CFM
Branch Chief
Risk Analysis
FEMA Region IV

Appendix D – Public Outreach Strategy

Iredell-Rowan Regional Hazard Mitigation Plan

Public Outreach Strategy 2019

Project Summary

The counties of Iredell and Rowan, in coordination with their participating municipal jurisdictions, are preparing a regional hazard mitigation plan that will cover the two-county Region. The Iredell Rowan Regional Hazard Mitigation Plan will identify local policies and actions for reducing risk and future losses from natural hazards such as floods, severe storms, wildfires, and winter weather.

The plan will also serve to meet key federal planning regulations which require local governments to develop a hazard mitigation plan as a condition for receiving certain types of non-emergency disaster assistance, including funding for hazard mitigation projects. These mitigation planning requirements stem from the Disaster Mitigation Act of 2000, which was passed by the U.S. Congress in October of 2000. This Act amended federal law to require that all states and local governments must have hazard mitigation plans in place in order to be eligible to apply for funding under such programs as the Hazard Mitigation Grant Program (HMGP) and the Pre-Disaster Mitigation (PDM) program.

Public Outreach

A key element in the mitigation planning process is the discussion it promotes among community members about creating a safer, more disaster-resilient community. A plan that accurately reflects the community's values and priorities is likely to have greater legitimacy and "buy-in" and greater success in implementing mitigation actions and projects to reduce risk.¹ Therefore, the purpose of the Iredell Rowan Regional Hazard Mitigation Plan Public Outreach Strategy is to:

- Generate public interest;
- Solicit citizen input; and
- Engage additional partners in the planning process.

The following specific public outreach opportunities and methods have been identified for citizens and targeted stakeholders to participate at various points in the mitigation planning process, and are presented in more detail on the following pages:

1. In-person public meetings (2)
2. Public information website (including social media integration)
3. Project information fact sheet
4. Planning resources
5. Public participation survey

¹ FEMA, *Local Mitigation Planning Handbook*, March 2013.

OUTREACH METHOD 1
In-Person Public Meetings (2)
AVAILABILITY
April 5, 2019 and Before Adoption
BRIEF DESCRIPTION
Two public meetings will be scheduled at key points in the project timeline, one following completion of the draft risk and capability assessments and one following completion of the draft plan (and prior to the plan's local adoption). These meetings will be coordinated and arranged by Catawba County with facilitation support from AECOM.
DETAILS
For both public meetings: <ul style="list-style-type: none"> • The purpose will be to inform the public on the process and current status of the regional planning process, as well as gain input to the process during the drafting stage and prior to plan completion and approval • AECOM will prepare presentation and handout materials to help facilitate two-way communication with public meeting attendees
LEAD AGENCY
Iredell County/AECOM

OUTREACH METHOD 2
Public Information Website (including Social Media Integration)
AVAILABILITY
TBD
BRIEF DESCRIPTION
A project information website will be hosted by NCEM and AECOM and will be available to the general public and to members of the Hazard Mitigation Planning Committee for the duration of the project at the following web address: https://gis.aecomonline.net/IRISK2/NCHMP.aspx?region=14 . The primary purpose of this site will be to share information relevant to the 2019 Iredell Rowan Regional Hazard Mitigation Plan planning process.
DETAILS
Specific resources to be included on this site include: <ul style="list-style-type: none"> • Project information fact sheet • Drafts of Iredell Rowan Regional Hazard Mitigation Plan sections • List of Iredell Rowan Local Jurisdiction Leads • List of project tasks and subtasks with schedule • PowerPoint files from Hazard Mitigation Planning Committee meetings • PDFs of existing county-level hazard mitigation plans for reference during the plan update process • Links to planning resources, including recently published FEMA hazard mitigation planning guidance • Social media integration including, but not limited to, Facebook, Twitter, Tumblr, and Pinterest

LEAD AGENCY
Iredell County/AECOM/NCEM

OUTREACH METHOD 3
Project Information Fact Sheet
AVAILABILITY
February 20, 2019
BRIEF DESCRIPTION
A 1-page (double-sided) project information fact sheet will be available online in PDF format for the duration of the project. The primary purpose of this document will be to provide information on the regional planning process and to provide project contact information and links for interested parties to engage in the planning effort. This resource will be available on the project information website described above in Outreach Method 3. Printed copies may be made available on an as-needed basis.
DETAILS
Specific information to be provided in this fact sheet includes: <ul style="list-style-type: none"> • Project overview • Overview of the regional hazard mitigation planning process, including: <ul style="list-style-type: none"> ○ Public outreach ○ Risk assessment ○ Capability assessment ○ Mitigation strategy development ○ Plan maintenance ○ Plan adoption • Explanation of project leadership • Project schedule • Contact information and links to project information website • Project graphics/illustrations
LEAD AGENCY
Iredell County/AECOM

OUTREACH METHOD 4
Planning Resources
AVAILABILITY
February 20, 2018
BRIEF DESCRIPTION
Mitigation planning resources will be made available for Hazard Mitigation Planning Committee members and other interested parties in order to promote education and participation in the mitigation planning process.
DETAILS
Specific planning resources will include:

<ul style="list-style-type: none"> • FEMA mitigation planning guidance <ul style="list-style-type: none"> ○ <i>Local Mitigation Planning Handbook</i> ○ <i>Mitigation Ideas</i> ○ <i>Integrating Hazard Mitigation Into Local Planning</i> • Other appropriate planning resources as identified throughout the duration of the planning process
LEAD AGENCY
Iredell County/AECOM

OUTREACH METHOD 5
Public Participation Survey
AVAILABILITY
February 20, 2019 through December 13, 2019
BRIEF DESCRIPTION
<p>An online public participation survey will be hosted by AECOM using the SurveyMonkey web hosting service and will be open to the public for a duration of three months. The primary purpose of this survey will be to solicit input from any interested parties in the planning area and will be used so that individuals throughout the planning area have the opportunity to provide valuable information and feedback to the project team. The online survey will give individuals that are unable to attend the in-person meetings the opportunity to participate in the plan update process. Information from the online survey will allow the project team to better understand the types of hazards that most concern the public and the mitigation actions that are of particular interest. The survey will be made accessible through hyperlinks posted on the project information website and can be circulated via email, Facebook, etc. Additionally, hard copies of the survey will be distributed at the in-person public meetings. The feedback received will be evaluated and incorporated into the Hazard Mitigation Planning Committee’s decision making process and the final plan.</p>
DETAILS
<p>Types of specific questions to be asked as part of this survey include:</p> <ul style="list-style-type: none"> • Personal history with natural hazards • Natural hazard concerns • Perception of vulnerable community assets • Importance of community assets • Priorities concerning natural hazard preparedness • Steps local government can take to reduce natural hazard risk • Types of mitigation activities deemed important • Personal interest in natural hazard mitigation • Effective ways to communicate with residents • Location in the floodplain • Questions regarding flood insurance • Personal actions to mitigate property • Mitigation activities planned for the respondent’s household • Location within the planning area • Age (optional)* • Gender (optional) • Highest level of education (optional) • Length of time living in the planning area • Ownership of property versus rental status

- Type of dwelling
- Open comments**

** All information will be kept strictly confidential*

*** Information will be processed and summarized by AECOM in order to produce summary statistics and summary responses*

LEAD AGENCY

Iredell County/AECOM



Be an original.

**Rowan County Emergency Management needs your help!
Please take this survey to include your thoughts on hazards and
concerns you have about disasters in our Community.**

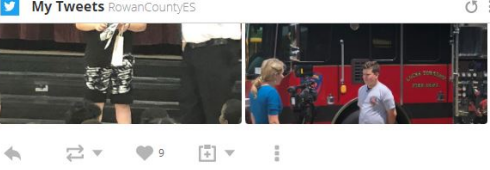
**Help us plan for assisting you during hurricanes, winter storms,
power outages, flooding, or any other emergency.**



<https://www.surveymonkey.com/r/7XDJY9H>

**Rowan County Emergency Management provides comprehensive
services for the common good through effective community
preparedness and management of adverse events.**

WWW.READYROWAN.ORG



Rowan County ES @RowanCountyES
May 8, 2019

Be an original.

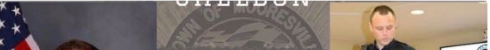
Rowan County Emergency Management needs your help!
Please take this survey to include your thoughts on hazards and concerns you have about disasters in our Community.

Help us plan for assisting you during hurricanes, winter storms, power outages, flooding, or any other emergency.



Rowan County ES @RowanCountyES
May 5, 2019

We extend our deepest condolences to the family, friends, and colleagues of Police Officer Jordan Sheldon of the Mooresville (NC) Police Department



Whitney Gobble Samantha Kaylan Gallimore you've probably already seen it but in case you havent

2 Replies

Teresa Haupt Shella Durham Grubb

Rowan County Emergency Services
May 8, 2019

Be an original.

Rowan County Emergency Management needs your help!
Please take this survey to include your thoughts on hazards and concerns you have about disasters in our Community.

Help us plan for assisting you during hurricanes, winter storms, power outages, flooding, or any other emergency.



Write a comment...


Cary Rumsey Rusty ShaverDevy Davison

Rowan County Emergency Services
May 5, 2019

We extend our deepest condolences to the family, friends, and colleagues of Police

Write a comment...

Rowan County ES @rowancountyes
May 8, 2019



Rowan County Emergency Management needs your help!
Please take this survey to include your thoughts on hazards and concerns you have about disasters in our Community.

Help us plan for assisting you during hurricanes, winter storms, power outages, flooding, or any other emergency.



<https://www.surveymonkey.com/r/7XDJY9H>

Rowan County Emergency Management provides comprehensive services for the common good through effective community preparedness and management of adverse events.

Write a comment...

Appendix E – Project Information Fact Sheet



Iredell Rowan Regional Hazard Mitigation Plan

Natural hazards have the potential to cause property damage, loss of life, economic hardship, and threats to public health and safety. Hazard mitigation measures are the things we do today to be more protected in the future. They are actions taken before a disaster happens to reduce the impact of future hazard events on people and property in the community. Mitigation reduces the risk of loss and creates a more resilient and sustainable community.

Project Overview

The counties of Iredell and Rowan, in coordination with their participating municipal jurisdictions, are preparing a regional hazard mitigation plan that will cover the two-county Region. The Iredell Rowan Regional Hazard Mitigation Plan will identify local policies and actions for reducing risk and future losses from natural hazards such as floods, severe storms, wildfires, and winter weather.

The plan will also serve to meet key federal planning regulations which require local governments to develop a hazard mitigation plan as a condition for receiving certain types of non-emergency disaster assistance, including funding for hazard mitigation projects.

These requirements stem from the Disaster Mitigation Act of 2000 which was passed by the President in October of 2000. This Act mandates that all states and local governments must have hazard mitigation plans in place in order to be eligible to apply for funding under such programs as the Hazard Mitigation Grant Program (HMGP) and the Pre-Disaster Mitigation (PDM) program.

The Planning Process

The planning process for the Iredell Rowan Regional Hazard Mitigation Plan will consist of six main phases described in detail in the following sections: public outreach, risk assessment, capability assessment, mitigation strategy development, plan maintenance, and plan adoption.



Public Outreach

The goals of the public outreach strategy for this planning effort are to: generate public interest, solicit citizen input, and engage additional partners in the planning process.

Public outreach will include two open public meetings, a project information website (the Iredell Rowan Hazard Mitigation Planning website located at <https://gis.aecomonline.net/IRISK2/NCHMP.aspx?region=14>), a web-based public participation survey (<https://www.surveymonkey.com/r/BF5NR7H>), and updates and information shared through social media, such as on Facebook.

Risk Assessment

The desired outcomes of a risk assessment are an evaluation of each identified hazard's potential impacts on the people, economy, and built and natural environments in the planning area plus an understanding of each participating jurisdiction's overall vulnerability and most significant risks. These potential impacts and a thorough understanding of the overall vulnerability can be used to create problem statements and identify mitigation actions to reduce risk.

Capability Assessment

Each participating jurisdiction has a unique set of capabilities, including authorities, policies, programs, staff, funding, and other resources available to accomplish mitigation and reduce long-term vulnerability. By reviewing the existing capabilities in each jurisdiction, the planning team can identify capabilities that currently reduce disaster losses or could be used to reduce losses in the future.

Mitigation Strategy Development

The primary purpose of mitigation planning is to systematically identify policies, actions, and activities to reduce the impact that future natural hazard occurrences will have on people and property in the planning area. Mitigation strategy development includes long-range mitigation goals common to the planning area and short-term mitigation actions specific to each participating jurisdiction.

Plan Maintenance

Plan maintenance is the process established to track the plan's implementation and to aid in updating the plan every five years. These procedures help to ensure that the mitigation strategy is implemented according to the plan. They also provide the foundation for an ongoing mitigation program, standardize long-term monitoring of hazard-related activities, integrate mitigation principles into local officials' daily job responsibilities, and maintain momentum through continued engagement and accountability in the plan's progress.

Plan Adoption

Each participating jurisdiction seeking plan approval must adopt the plan. Adoption by the local governing body demonstrates the community's commitment to implementing the mitigation strategy and authorizes responsible agencies to execute their actions. The final plan is not approved until the community adopts the plan and FEMA receives documentation of formal adoption by the governing body of the jurisdictions requesting approval.

Project Leadership

This regional planning effort is being led by the Iredell County Emergency Management, with technical assistance from AECOM. A local Hazard Mitigation Planning Committee made up of local officials, representatives, and stakeholders has been established to guide this process. In addition, local points of contact have been established for each of the four counties as well as all of the participating municipal jurisdictions. Planning committee meetings and open public meetings will be scheduled to occur at key points throughout the project timeline.

Schedule

The planning process began in February 2019 and a fully updated plan is expected to be ready for review by the North Carolina Division of Emergency Management and the Federal Emergency Management Agency by February 2020. Draft documents will be available on the project information website at various stages in the planning process.

For More Information

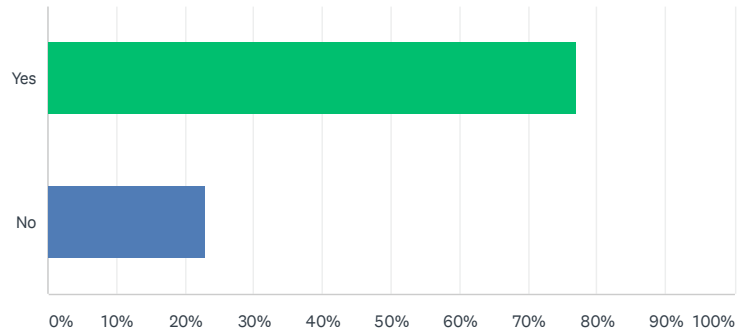
To learn more about this project, or to find out how you can be involved, please contact Jodye Smyre, Iredell County Emergency Management Coordinator, at (704) 878-5097 or jsmyre@co.iredell.nc.us. Additional information and regular updates throughout the duration of this project can be found on the Iredell Rowan Hazard Mitigation Planning website at <https://gis.aecomonline.net/IRISK2/NCHMP.aspx?region=14>.



Appendix F – Public Participation Survey Results

Q1 Have you ever experienced or been impacted by a natural disaster?

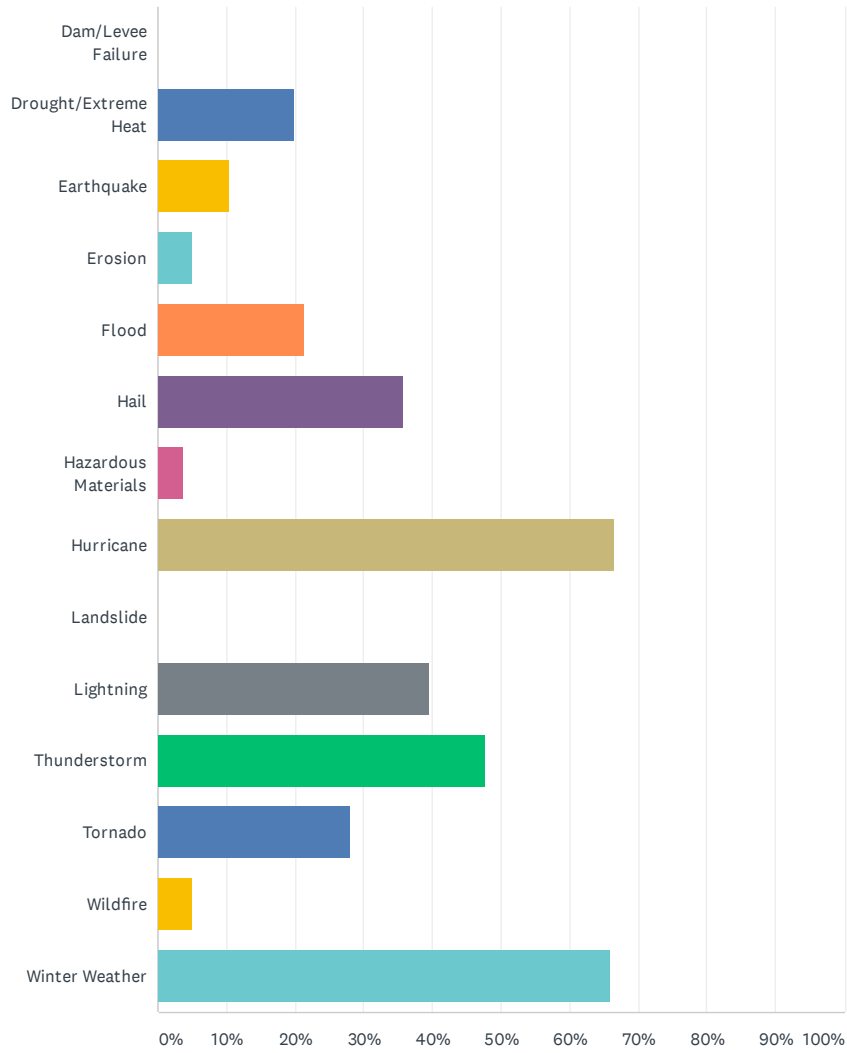
Answered: 222 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	77.03%	171
No	22.97%	51
TOTAL		222

Q2 If yes, Which of these natural hazards have you experienced or been impacted by? (Check all that apply.)

Answered: 182 Skipped: 40

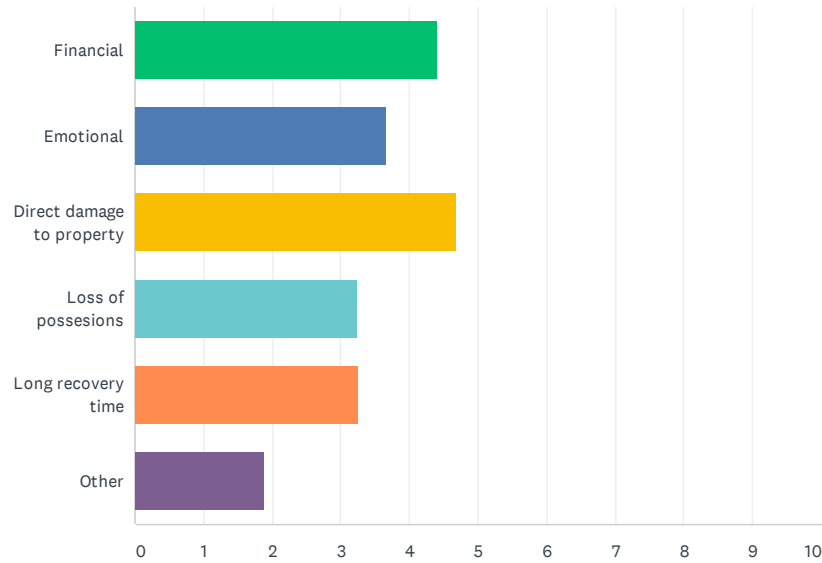


2019 Iredell-Rowan Regional Hazard Mitigation Plan Update

ANSWER CHOICES	RESPONSES	
Dam/Levee Failure	0.00%	0
Drought/Extreme Heat	19.78%	36
Earthquake	10.44%	19
Erosion	4.95%	9
Flood	21.43%	39
Hail	35.71%	65
Hazardous Materials	3.85%	7
Hurricane	66.48%	121
Landslide	0.00%	0
Lightning	39.56%	72
Thunderstorm	47.80%	87
Tornado	28.02%	51
Wildfire	4.95%	9
Winter Weather	65.93%	120
Total Respondents: 182		

Q3 What was the most difficult part for you in recovering from past disasters that you have experienced? (1 being most difficult and 6 being least difficult.)

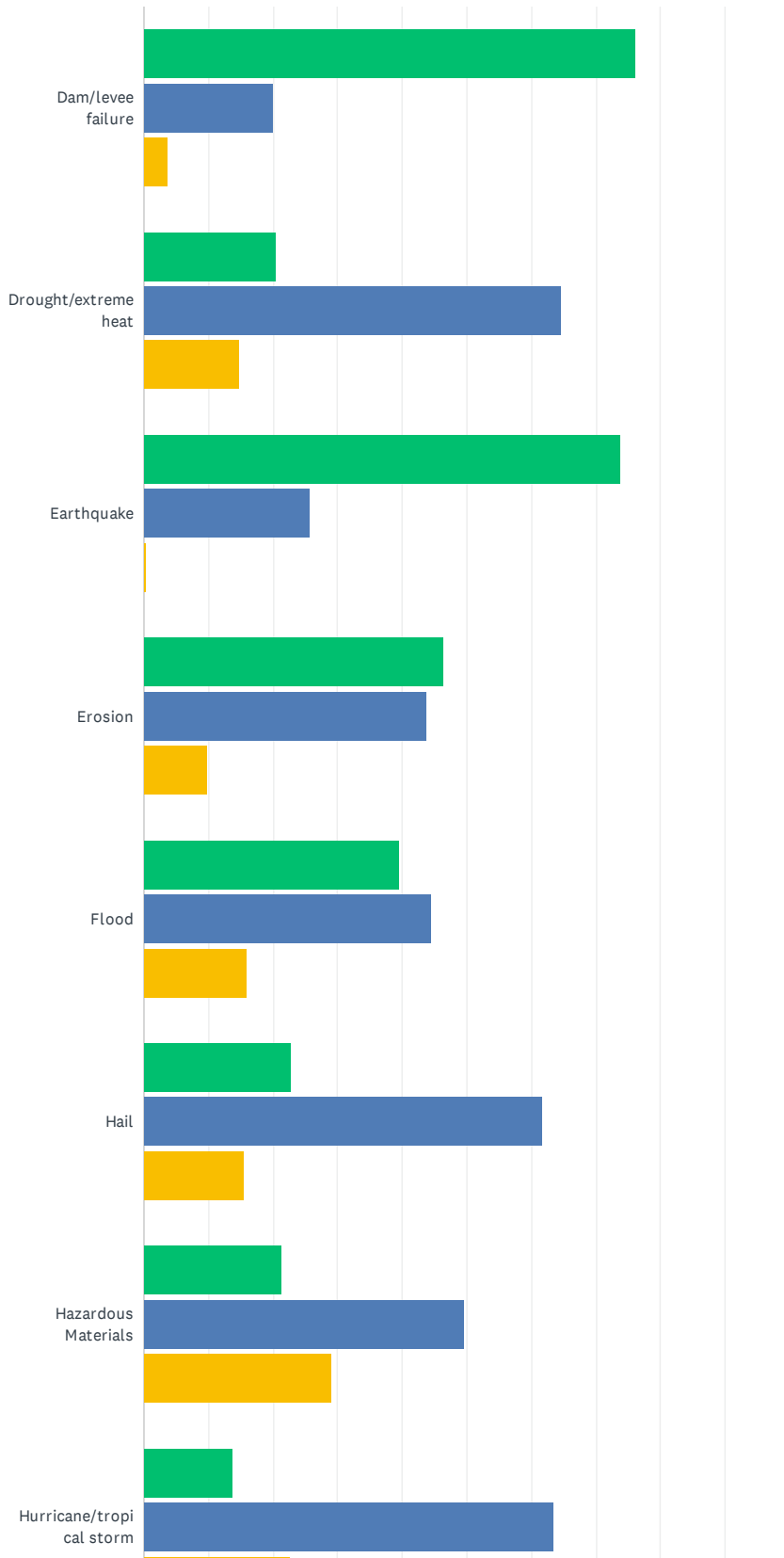
Answered: 176 Skipped: 46



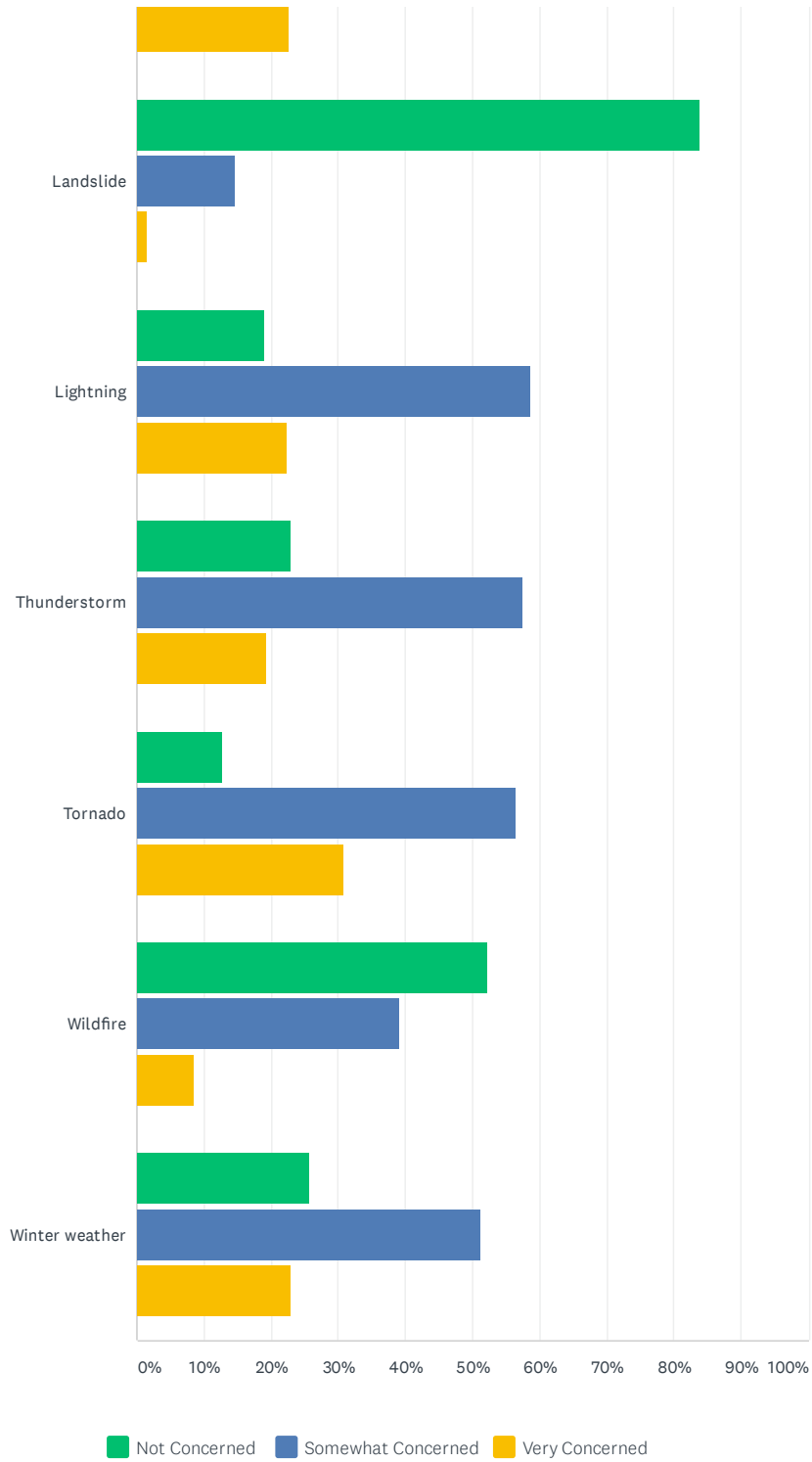
	1	2	3	4	5	6	TOTAL	SCORE
Financial	30.33% 37	24.59% 30	19.67% 24	12.30% 15	7.38% 9	5.74% 7	122	4.41
Emotional	12.12% 16	23.48% 31	20.45% 27	15.91% 21	18.18% 24	9.85% 13	132	3.66
Direct damage to property	38.13% 53	20.86% 29	22.30% 31	10.07% 14	7.19% 10	1.44% 2	139	4.68
Loss of possessions	3.51% 4	16.67% 19	18.42% 21	31.58% 36	21.05% 24	8.77% 10	114	3.24
Long recovery time	14.06% 18	10.94% 14	10.94% 14	21.88% 28	36.72% 47	5.47% 7	128	3.27
Other	11.70% 11	3.19% 3	2.13% 2	3.19% 3	4.26% 4	75.53% 71	94	1.88

Q4 How concerned are you about the possibility of your community being impacted by each of these natural hazards? (Check the corresponding circle for each natural hazard.)

Answered: 221 Skipped: 1



2019 Iredell-Rowan Regional Hazard Mitigation Plan Update

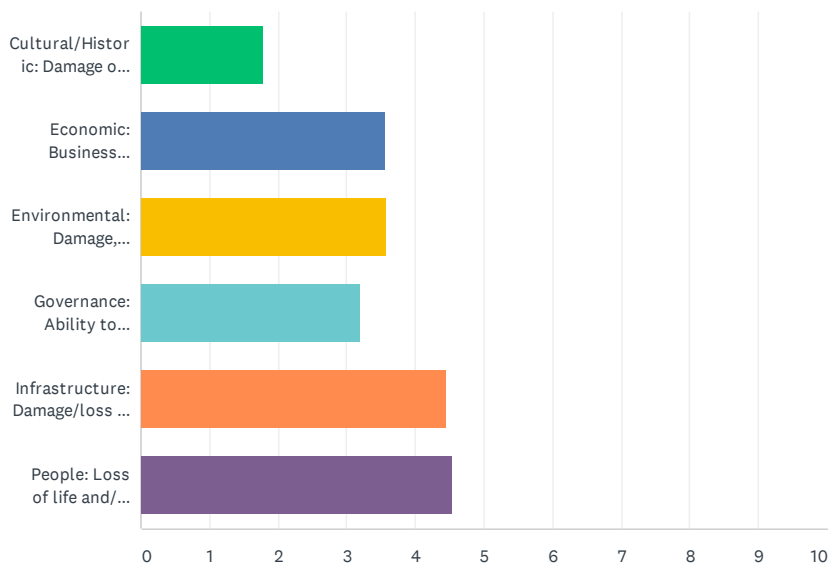


2019 Iredell-Rowan Regional Hazard Mitigation Plan Update

	NOT CONCERNED	SOMEWHAT CONCERNED	VERY CONCERNED	TOTAL	WEIGHTED AVERAGE
Dam/levee failure	76.17% 163	20.09% 43	3.74% 8	214	1.28
Drought/extreme heat	20.47% 44	64.65% 139	14.88% 32	215	1.94
Earthquake	73.83% 158	25.70% 55	0.47% 1	214	1.27
Erosion	46.48% 99	43.66% 93	9.86% 21	213	1.63
Flood	39.53% 85	44.65% 96	15.81% 34	215	1.76
Hail	22.90% 49	61.68% 132	15.42% 33	214	1.93
Hazardous Materials	21.30% 46	49.54% 107	29.17% 63	216	2.08
Hurricane/tropical storm	13.89% 30	63.43% 137	22.69% 49	216	2.09
Landslide	83.89% 177	14.69% 31	1.42% 3	211	1.18
Lightning	19.07% 41	58.60% 126	22.33% 48	215	2.03
Thunderstorm	23.11% 49	57.55% 122	19.34% 41	212	1.96
Tornado	12.84% 28	56.42% 123	30.73% 67	218	2.18
Wildfire	52.36% 111	39.15% 83	8.49% 18	212	1.56
Winter weather	25.82% 55	51.17% 109	23.00% 49	213	1.97

Q5 In your opinion, which of the following categories are most susceptible to natural hazards in your community? (Rank the community assets in order of vulnerability, 1 being most vulnerable and 6 being least vulnerable.) Please note, the list will automatically re-order itself as you make your selections. You can also drag and drop the items on the list to reorder them.

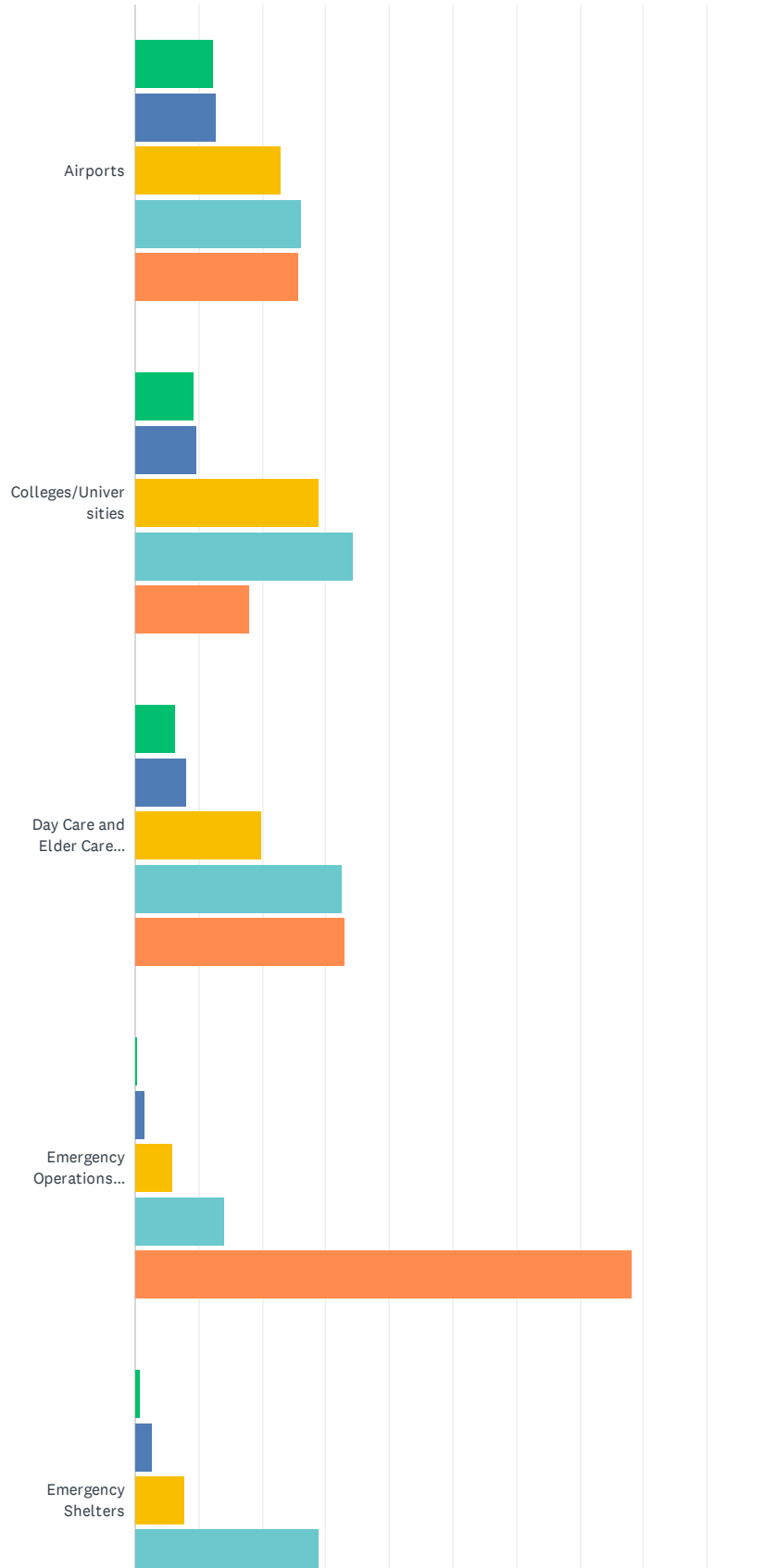
Answered: 215 Skipped: 7



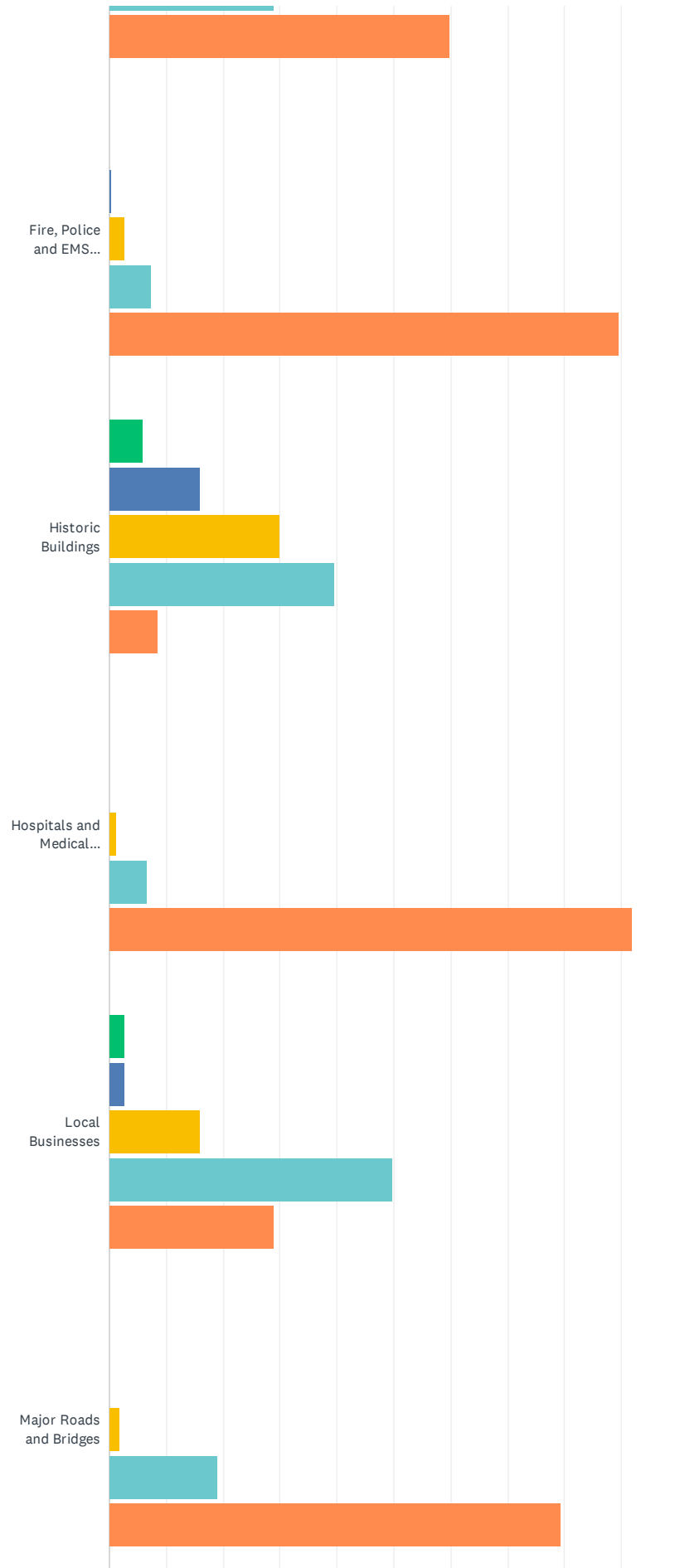
	1	2	3	4	5	6	TOTAL	SCORE
Cultural/Historic: Damage or loss of libraries, museums, historic properties, etc.	5.18% 10	2.07% 4	3.63% 7	7.25% 14	18.13% 35	63.73% 123	193	1.78
Economic: Business interruptions/closures, job losses, etc.	6.95% 13	19.79% 37	24.06% 45	26.20% 49	17.65% 33	5.35% 10	187	3.56
Environmental: Damage, contamination or loss of forests, wetlands, waterways, etc.	12.95% 25	16.06% 31	21.24% 41	22.80% 44	18.65% 36	8.29% 16	193	3.57
Governance: Ability to maintain order and/or provide public amenities and services	8.72% 17	10.77% 21	22.05% 43	20.51% 40	27.18% 53	10.77% 21	195	3.21
Infrastructure: Damage/loss of roads, bridges, utilities, schools, etc.	17.86% 35	41.84% 82	20.41% 40	9.18% 18	9.18% 18	1.53% 3	196	4.45
People: Loss of life and/or injuries	47.89% 102	11.27% 24	12.21% 26	13.15% 28	7.98% 17	7.51% 16	213	4.55

Q6 How important is each of the following specific community assets to you? (Check the appropriate circle for each asset.)

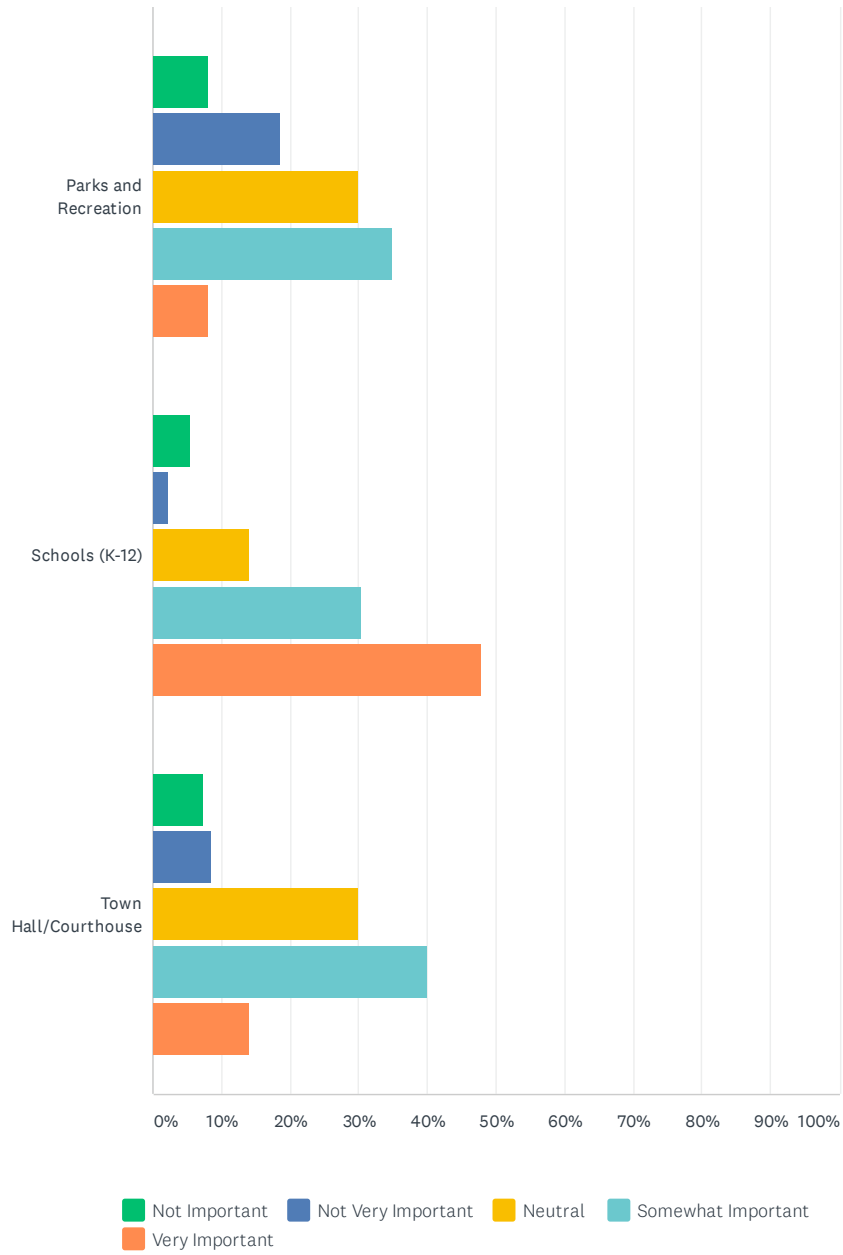
Answered: 221 Skipped: 1



2019 Iredell-Rowan Regional Hazard Mitigation Plan Update



2019 Iredell-Rowan Regional Hazard Mitigation Plan Update

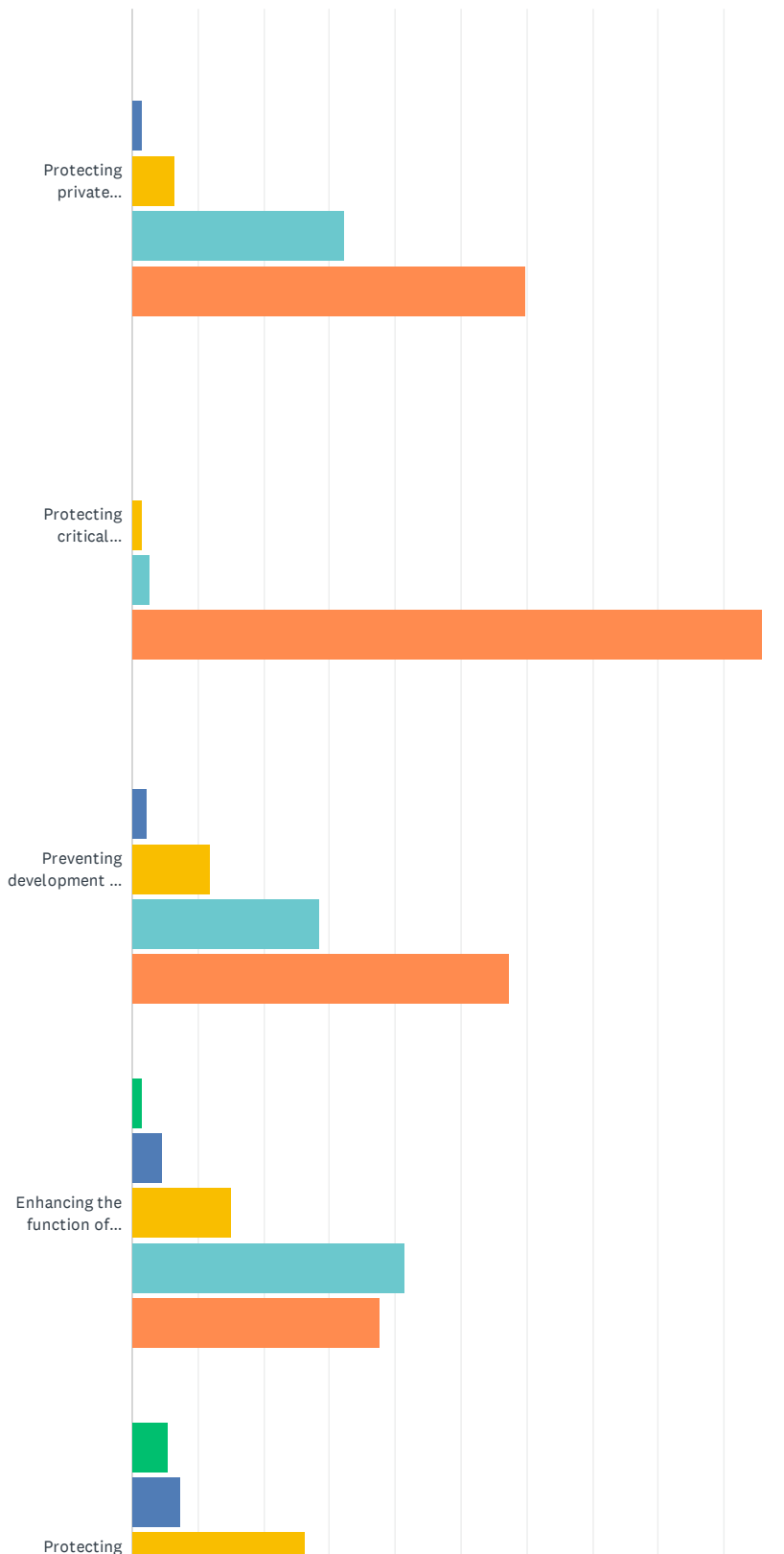


2019 Iredell-Rowan Regional Hazard Mitigation Plan Update

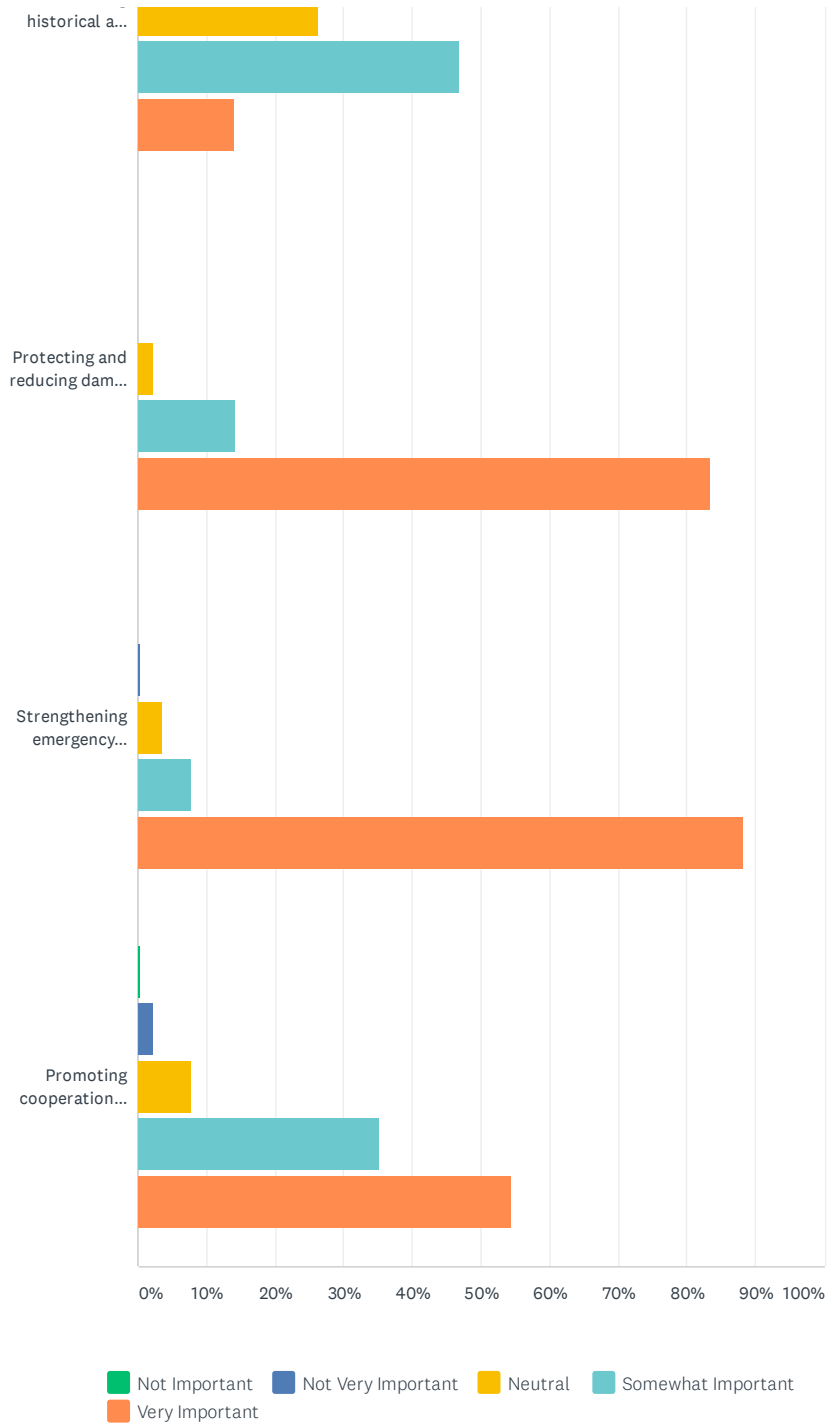
	NOT IMPORTANT	NOT VERY IMPORTANT	NEUTRAL	SOMEWHAT IMPORTANT	VERY IMPORTANT	TOTAL	WEIGHTED AVERAGE
Airports	12.39% 27	12.84% 28	22.94% 50	26.15% 57	25.69% 56	218	3.40
Colleges/Universities	9.17% 20	9.63% 21	28.90% 63	34.40% 75	17.89% 39	218	3.42
Day Care and Elder Care Facilities	6.33% 14	8.14% 18	19.91% 44	32.58% 72	33.03% 73	221	3.78
Emergency Operations Centers	0.45% 1	1.36% 3	5.91% 13	14.09% 31	78.18% 172	220	4.68
Emergency Shelters	0.91% 2	2.74% 6	7.76% 17	28.77% 63	59.82% 131	219	4.44
Fire, Police and EMS Stations	0.00% 0	0.45% 1	2.73% 6	7.27% 16	89.55% 197	220	4.86
Historic Buildings	5.91% 13	15.91% 35	30.00% 66	39.55% 87	8.64% 19	220	3.29
Hospitals and Medical Facilities	0.00% 0	0.00% 0	1.36% 3	6.79% 15	91.86% 203	221	4.90
Local Businesses	2.71% 6	2.71% 6	15.84% 35	49.77% 110	28.96% 64	221	4.00
Major Roads and Bridges	0.00% 0	0.00% 0	1.81% 4	19.00% 42	79.19% 175	221	4.77
Parks and Recreation	8.18% 18	18.64% 41	30.00% 66	35.00% 77	8.18% 18	220	3.16
Schools (K-12)	5.43% 12	2.26% 5	14.03% 31	30.32% 67	47.96% 106	221	4.13
Town Hall/Courthouse	7.27% 16	8.64% 19	30.00% 66	40.00% 88	14.09% 31	220	3.45

Q7 Natural hazards can have a significant impact on a community, but planning for these types of events can help lessen the impacts. Please tell us how important each statement is to you by checking the appropriate circle for each.

Answered: 220 Skipped: 2



2019 Iredell-Rowan Regional Hazard Mitigation Plan Update

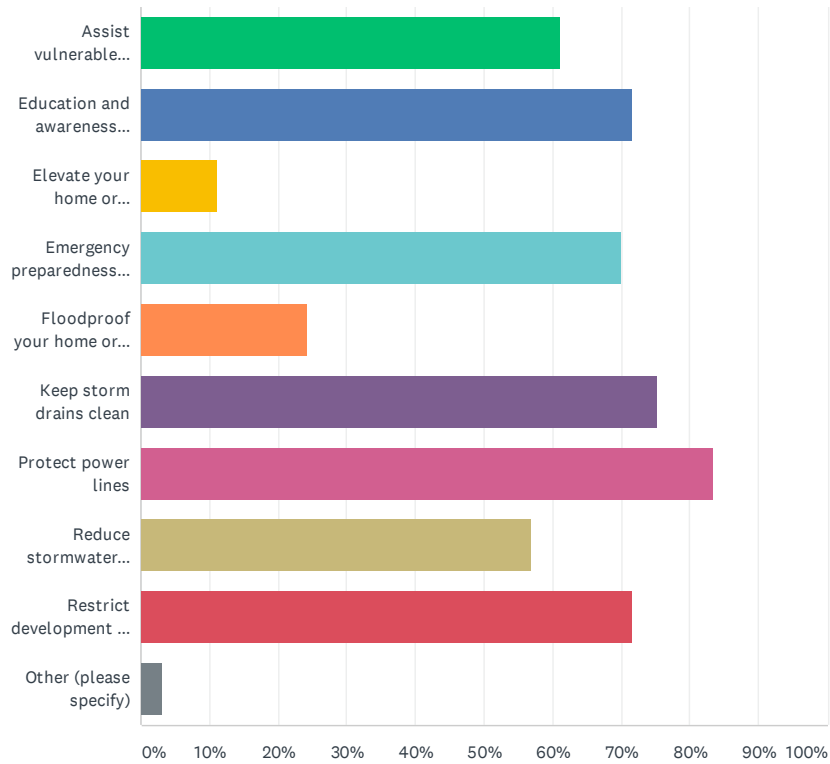


2019 Iredell-Rowan Regional Hazard Mitigation Plan Update

	NOT IMPORTANT	NOT VERY IMPORTANT	NEUTRAL	SOMEWHAT IMPORTANT	VERY IMPORTANT	TOTAL	WEIGHTED AVERAGE
Protecting private property	0.00% 0	1.40% 3	6.54% 14	32.24% 69	59.81% 128	214	4.50
Protecting critical facilities (for example, hospitals, police stations, fire stations, etc.)	0.00% 0	0.00% 0	1.36% 3	2.73% 6	95.91% 211	220	4.95
Preventing development in hazard areas	0.00% 0	2.29% 5	11.93% 26	28.44% 62	57.34% 125	218	4.41
Enhancing the function of natural features (for example, streams, wetlands, etc.)	1.36% 3	4.55% 10	15.00% 33	41.36% 91	37.73% 83	220	4.10
Protecting historical and cultural landmarks	5.45% 12	7.27% 16	26.36% 58	46.82% 103	14.09% 31	220	3.57
Protecting and reducing damage to utilities	0.00% 0	0.00% 0	2.28% 5	14.16% 31	83.56% 183	219	4.81
Strengthening emergency services (for example, police, fire, ambulance)	0.00% 0	0.45% 1	3.64% 8	7.73% 17	88.18% 194	220	4.84
Promoting cooperation among public agencies, citizens, non-profit organizations, and businesses	0.46% 1	2.28% 5	7.76% 17	35.16% 77	54.34% 119	219	4.41

Q8 What are some steps that you and/or your local government could take to reduce or eliminate the risk of future natural hazard damages in your neighborhood?

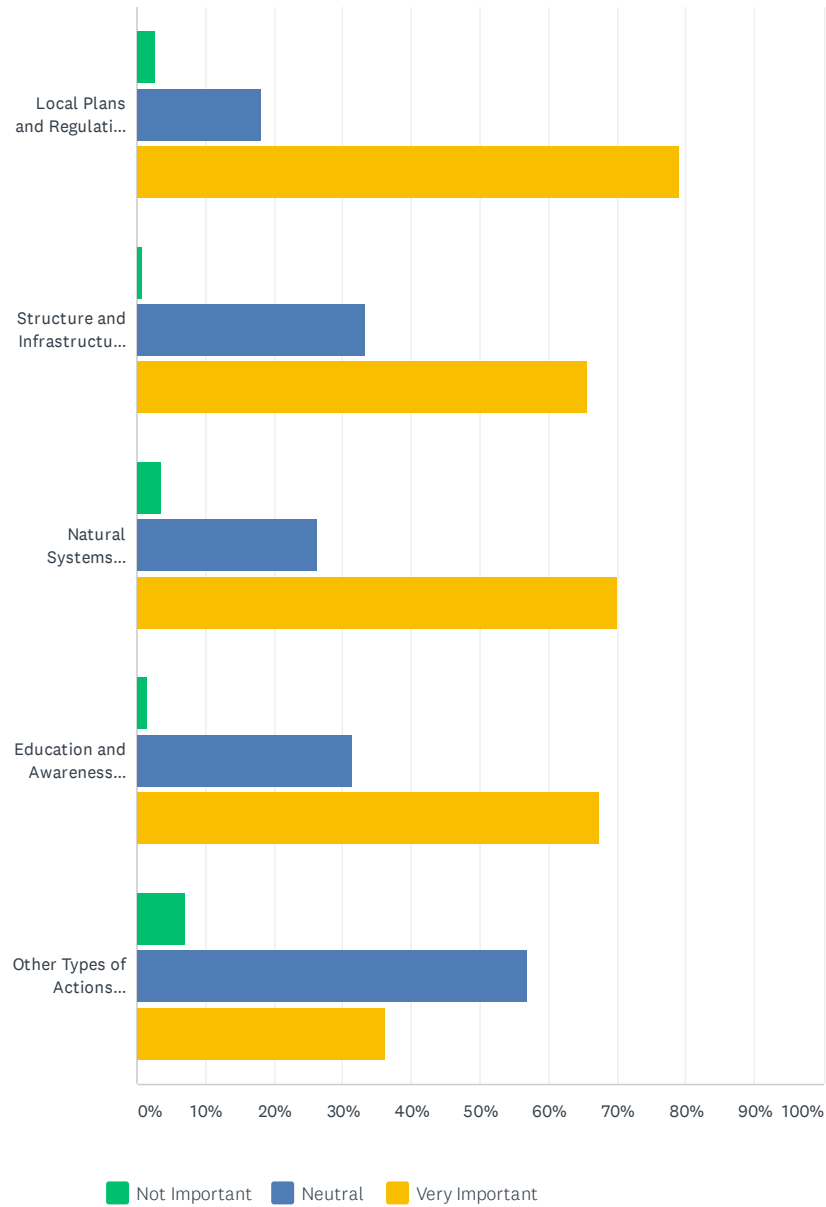
Answered: 218 Skipped: 4



ANSWER CHOICES	RESPONSES	
Assist vulnerable populations	61.01%	133
Education and awareness activities	71.56%	156
Elevate your home or business	11.01%	24
Emergency preparedness kits	70.18%	153
Floodproof your home or business	24.31%	53
Keep storm drains clean	75.23%	164
Protect power lines	83.49%	182
Reduce stormwater runoff	56.88%	124
Restrict development in floodplain areas	71.56%	156
Other (please specify)	3.21%	7
Total Respondents: 218		

Q9 A number of community-wide activities can reduce risk from natural hazards. Please tell us how important you think each one is for your community to consider pursuing.

Answered: 220 Skipped: 2

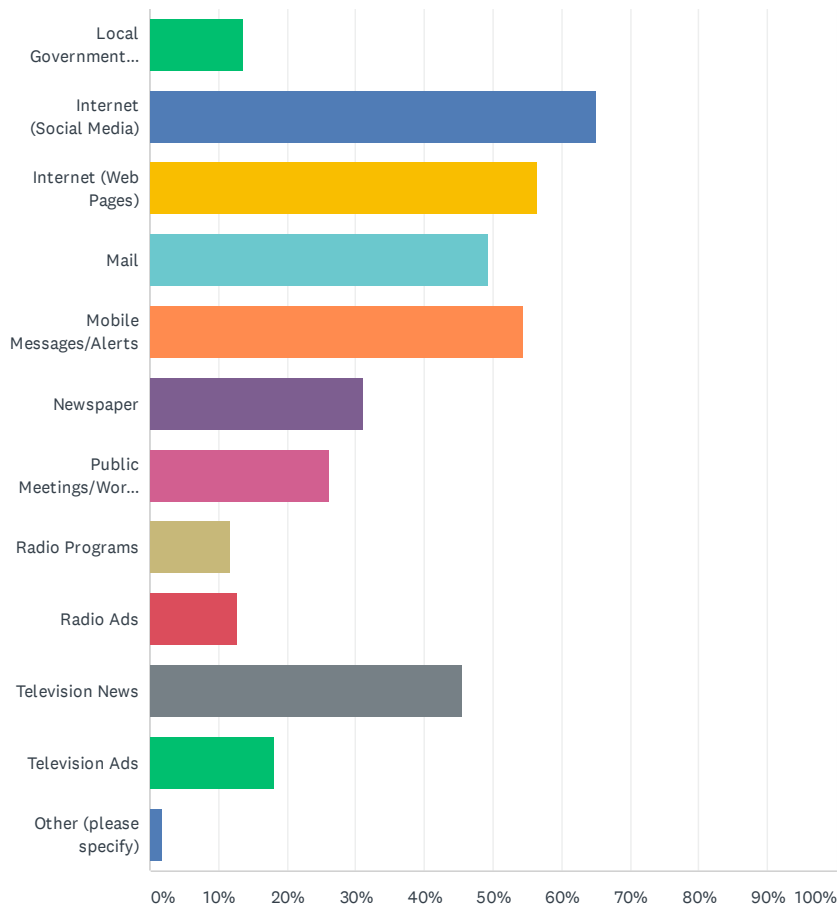


2019 Iredell-Rowan Regional Hazard Mitigation Plan Update

	NOT IMPORTANT	NEUTRAL	VERY IMPORTANT	TOTAL	WEIGHTED AVERAGE
Local Plans and Regulations (Government policies or codes that influence the way land and buildings are developed and built.)	2.73% 6	18.18% 40	79.09% 174	220	2.76
Structure and Infrastructure Projects (Modifying existing structures and infrastructure to protect them from a hazard or remove them from a hazard area.)	0.91% 2	33.33% 73	65.75% 144	219	2.65
Natural Systems Protection (Actions that minimize damage and losses and also preserve or restore the functions of natural systems.)	3.64% 8	26.36% 58	70.00% 154	220	2.66
Education and Awareness Programs (Actions that inform and educate citizens, elected officials and property owners about hazards and potential ways to mitigate them.)	1.36% 3	31.36% 69	67.27% 148	220	2.66
Other Types of Actions (Actions that are related to mitigation in ways that make sense to the local government that do not fall into one of the categories above.)	7.04% 15	56.81% 121	36.15% 77	213	2.29

Q10 What are the most effective ways for you to receive information about how to make your home and neighborhood more resistant to natural hazards?

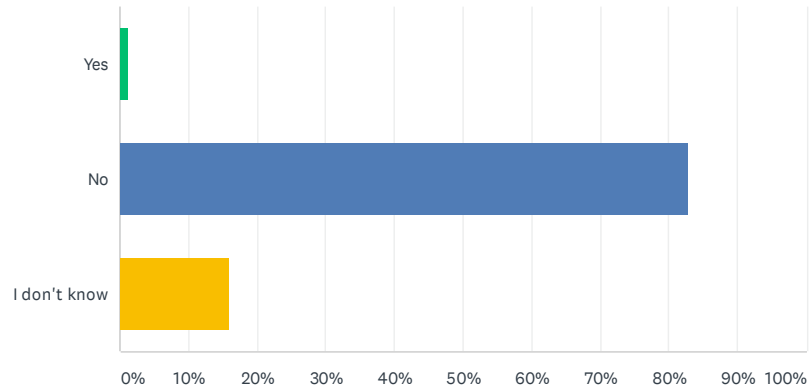
Answered: 221 Skipped: 1



ANSWER CHOICES	RESPONSES	
Local Government Channel	13.57%	30
Internet (Social Media)	65.16%	144
Internet (Web Pages)	56.56%	125
Mail	49.32%	109
Mobile Messages/Alerts	54.30%	120
Newspaper	31.22%	69
Public Meetings/Workshops	26.24%	58
Radio Programs	11.76%	26
Radio Ads	12.67%	28
Television News	45.70%	101
Television Ads	18.10%	40
Other (please specify)	1.81%	4
Total Respondents: 221		

Q11 Is your home located in a floodplain?

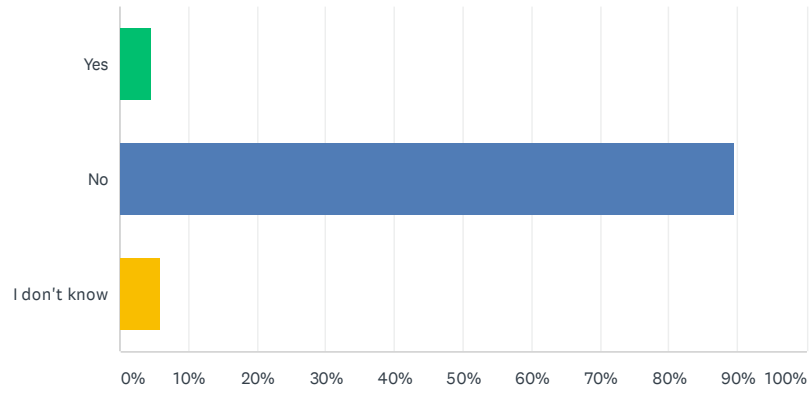
Answered: 221 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	1.36%	3
No	82.81%	183
I don't know	15.84%	35
TOTAL		221

Q12 Do you have flood insurance?

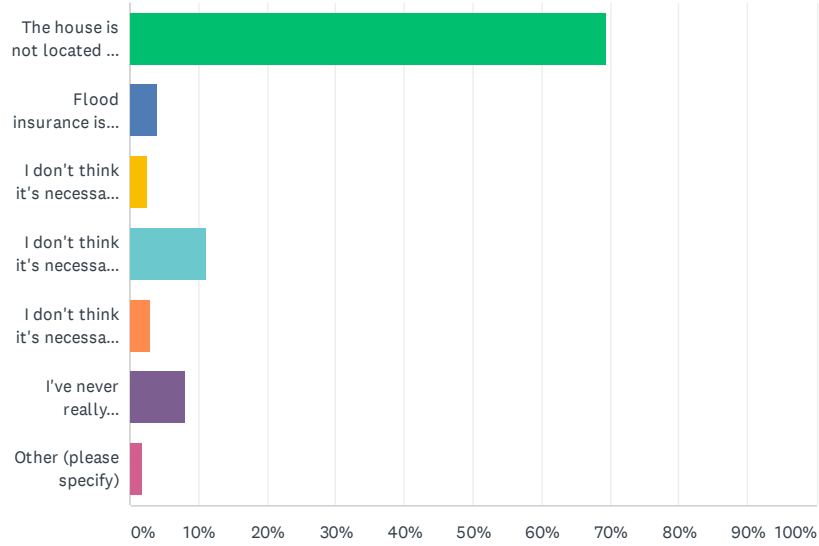
Answered: 221 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	4.52%	10
No	89.59%	198
I don't know	5.88%	13
TOTAL		221

Q13 If “No,” why not?

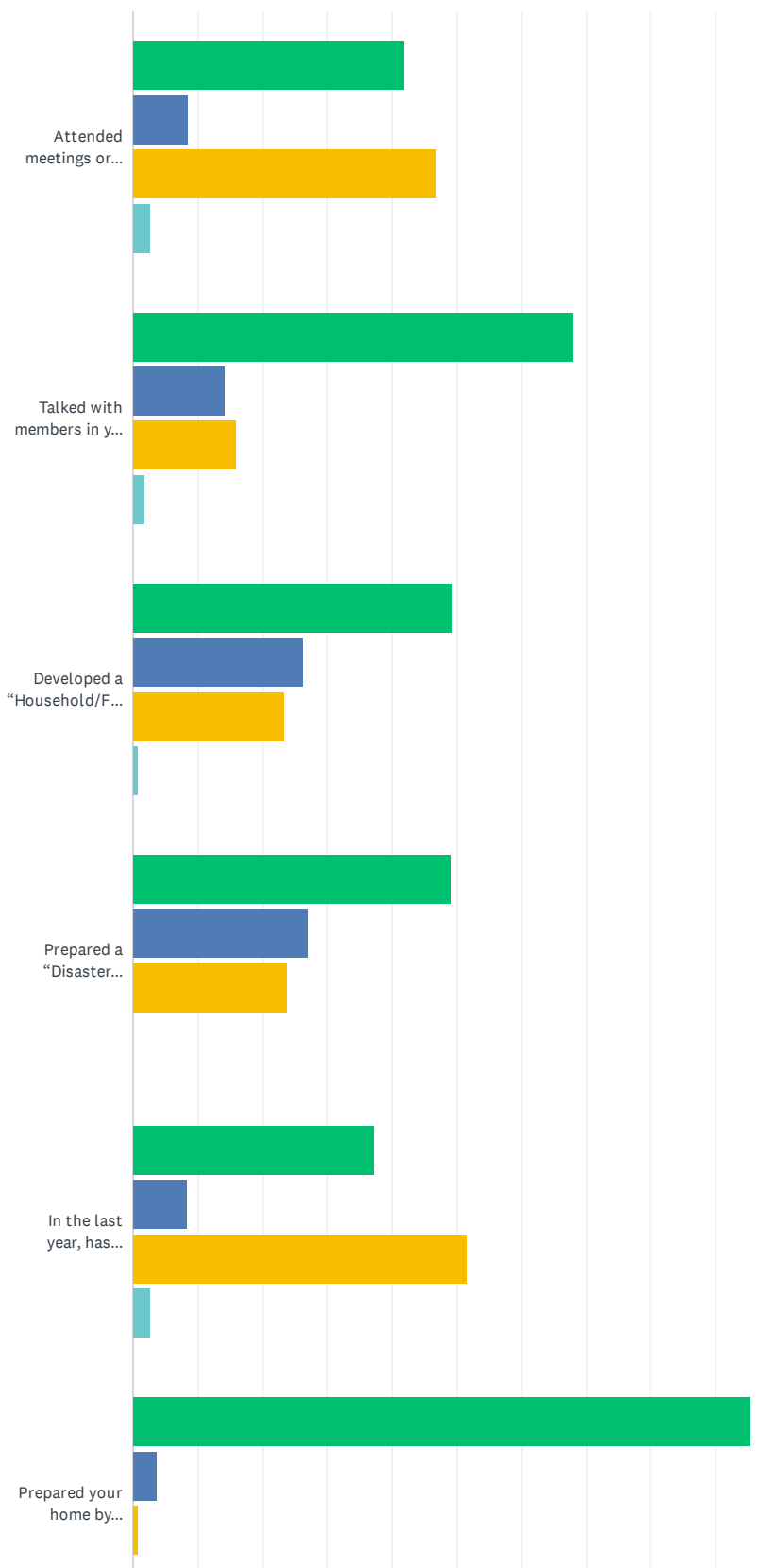
Answered: 206 Skipped: 16



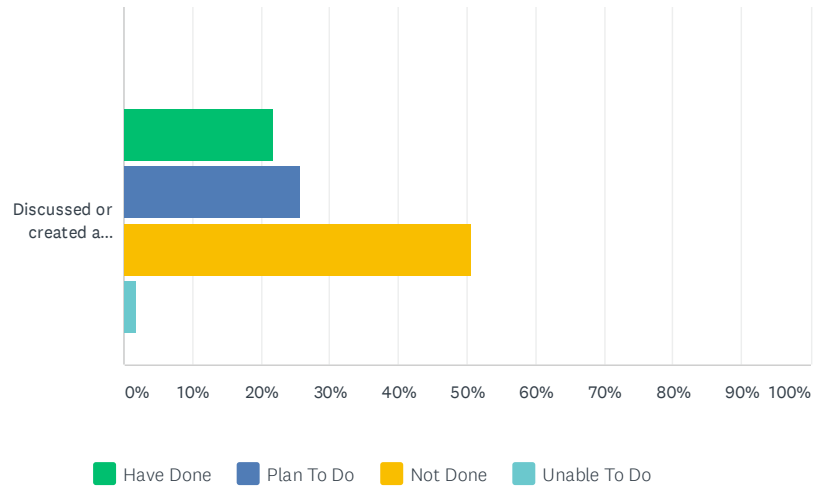
ANSWER CHOICES	RESPONSES	
The house is not located in a floodplain	69.42%	143
Flood insurance is too expensive	3.88%	8
I don't think it's necessary because it never floods	2.43%	5
I don't think it's necessary because I'm elevated or otherwise protected	11.17%	23
I don't think it's necessary because I have homeowners insurance	2.91%	6
I've never really considered it	8.25%	17
Other (please specify)	1.94%	4
TOTAL		206

Q14 In the following list, please check the activities that you have done in your household, plan to do in the near future, have not done, or are unable to do. (Please check one response for each preparedness activity.)

Answered: 220 Skipped: 2



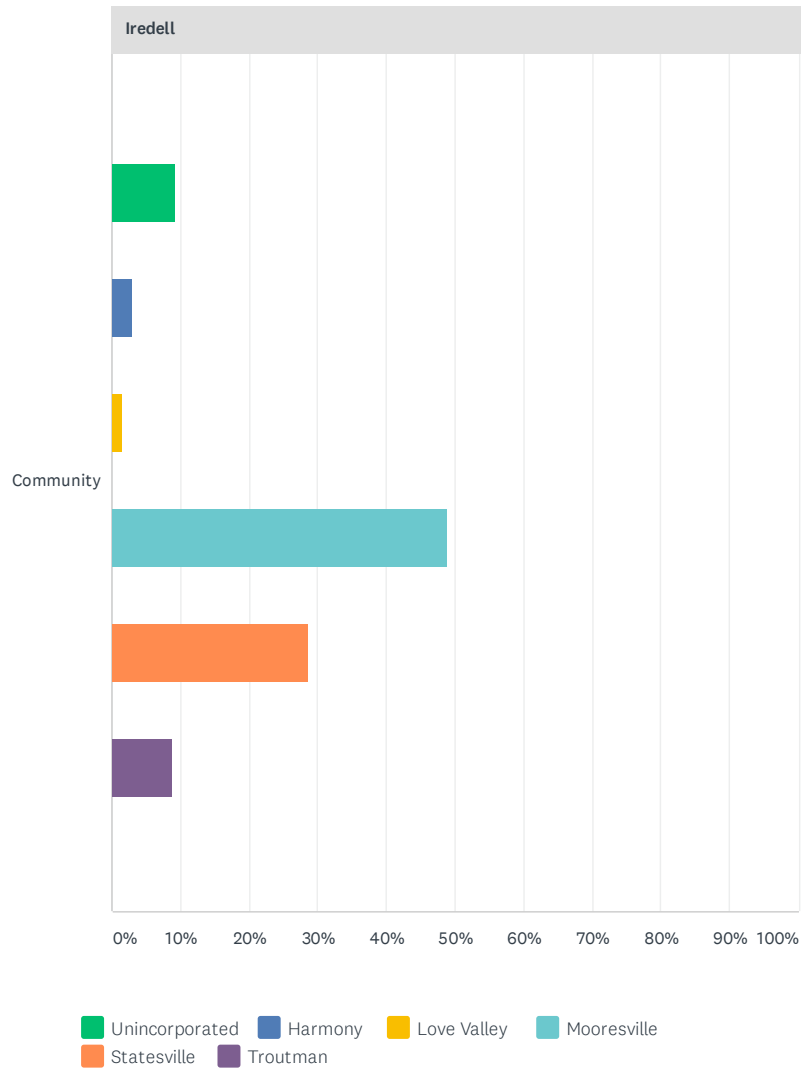
2019 Iredell-Rowan Regional Hazard Mitigation Plan Update



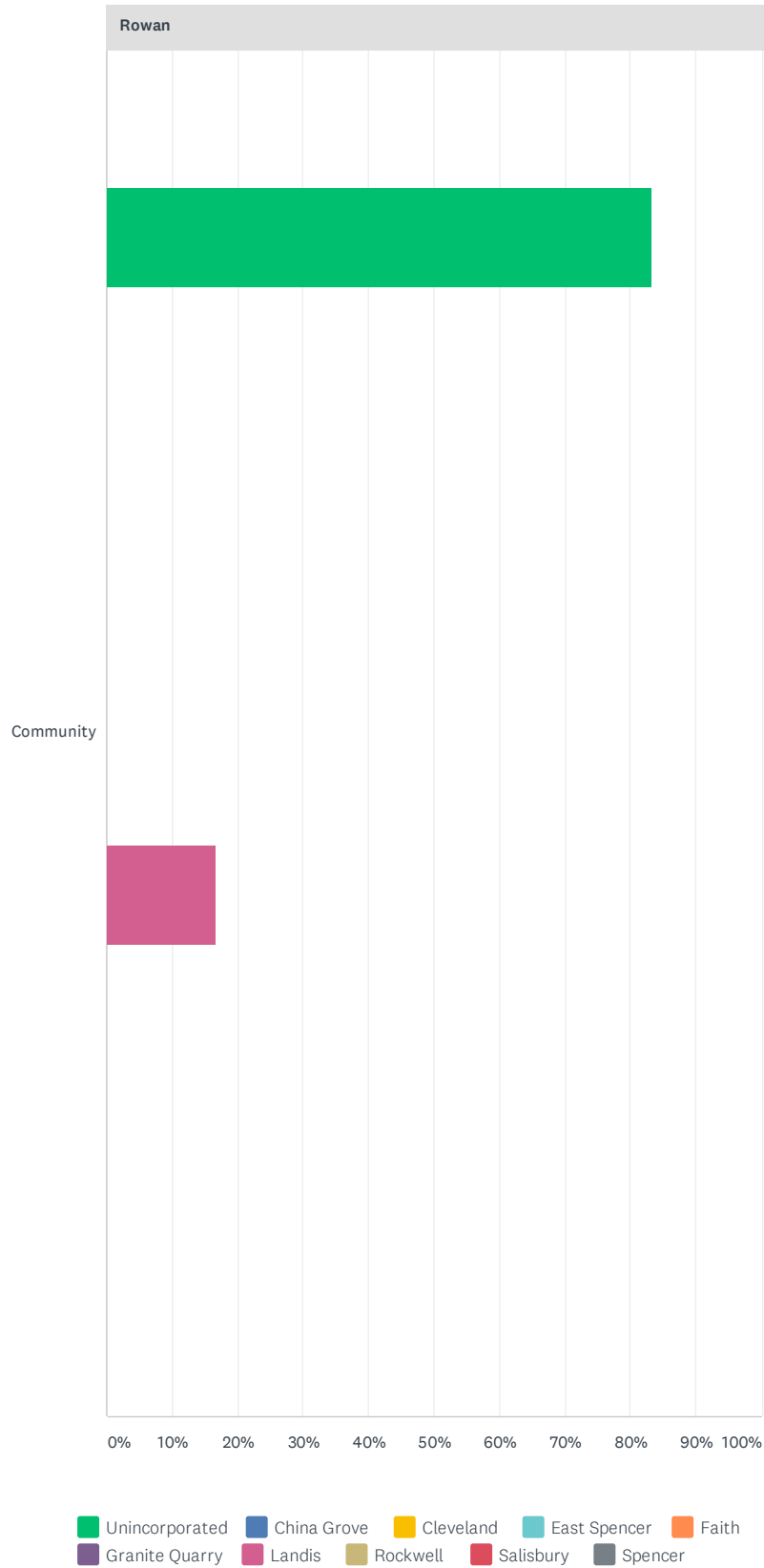
	HAVE DONE	PLAN TO DO	NOT DONE	UNABLE TO DO	TOTAL
Attended meetings or received written information on natural disasters or emergency preparedness?	41.82% 92	8.64% 19	46.82% 103	2.73% 6	220
Talked with members in your household about what to do in case of a natural disaster or emergency?	68.04% 149	14.16% 31	15.98% 35	1.83% 4	219
Developed a "Household/Family Emergency Plan" in order to decide what everyone would do in the event of a disaster?	49.31% 107	26.27% 57	23.50% 51	0.92% 2	217
Prepared a "Disaster Supply Kit" (stored extra food, water, batteries or other emergency supplies)?	49.08% 107	27.06% 59	23.85% 52	0.00% 0	218
In the last year, has anyone in your household been trained in First Aid or Cardio-Pulmonary Resuscitation (CPR)?	37.33% 81	8.29% 18	51.61% 112	2.76% 6	217
Prepared your home by installing smoke detectors on each level of the house?	95.39% 207	3.69% 8	0.92% 2	0.00% 0	217
Discussed or created a utility shutoff procedure in the event of a natural disaster?	21.66% 47	25.81% 56	50.69% 110	1.84% 4	217

Q15 In which community do you live?

Answered: 210 Skipped: 12



2019 Iredell-Rowan Regional Hazard Mitigation Plan Update



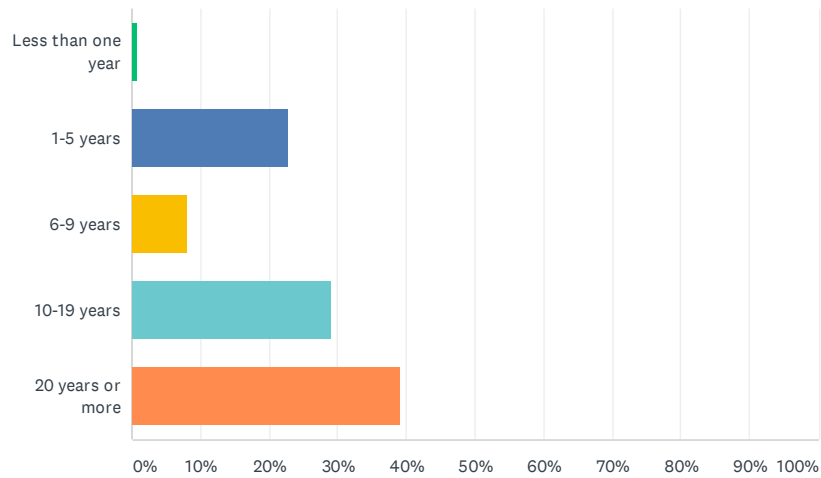
Iredell							
	UNINCORPORATED	HARMONY	LOVE VALLEY	MOORESVILLE	STATESVILLE	TROUTMAN	TOTAL
Community	9.22%	2.91%	1.46%	49.03%	28.64%	8.74%	
	19	6	3	101	59	18	206

2019 Iredell-Rowan Regional Hazard Mitigation Plan Update

Rowan										
	UNINCORPORATED	CHINA GROVE	CLEVELAND	EAST SPENCER	FAITH	GRANITE QUARRY	LANDIS	ROCKWELL	SALISBURY	SPEI
Community	83.33% 5	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	16.67% 1	0.00% 0	0.00% 0	(

Q16 How long have you lived in the Iredell-Rowan region?

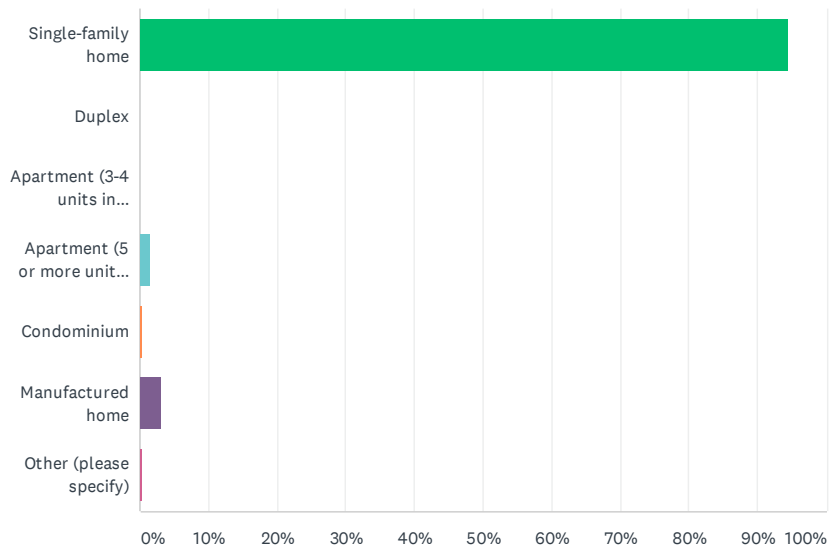
Answered: 220 Skipped: 2



ANSWER CHOICES	RESPONSES	
Less than one year	0.91%	2
1-5 years	22.73%	50
6-9 years	8.18%	18
10-19 years	29.09%	64
20 years or more	39.09%	86
TOTAL		220

Q17 What type of building do you live in?

Answered: 220 Skipped: 2



ANSWER CHOICES	RESPONSES	
Single-family home	94.55%	208
Duplex	0.00%	0
Apartment (3-4 units in structure)	0.00%	0
Apartment (5 or more units in structure)	1.36%	3
Condominium	0.45%	1
Manufactured home	3.18%	7
Other (please specify)	0.45%	1
TOTAL		220

Q18 Additional Comments

Answered: 22 Skipped: 200

Appendix G – Meeting Files

Iredell-Rowan Regional Hazard Mitigation Plan

Project Kickoff Meeting

February 20, 2019
1:00 p.m. – 3:30 p.m.
444 Bristol Drive
Statesville NC, 28677

AGENDA

1. Welcome and Introductions
2. Project Overview
 - Purpose, scope and schedule
 - Roles and responsibilities
3. Plan Update Process
 - Planning team organization, including official adoption
 - Leveraging existing resources
 - Communication, including websites, social media, etc.
 - Capability Assessment surveys
 - Public outreach and stakeholder engagement strategy
 - Tracking time (for in-kind services)
4. Discussion of Existing Plan and Vision Moving Forward
 - Review existing mitigation goals
5. “Mayor for a Day”
 - Hazard identification and assessment exercise
 - Includes discussion of existing and new hazards
6. Exercise Results and Discussion
7. Questions and Open Discussion
 - Potential opportunities for this plan update
 - Potential obstacles or barriers
 - Other local issues, concerns or ideas

8. Next Steps

- Discuss time/date/location for Hazard Mitigation Planning Team Meeting #2

Iredell-Rowan Regional Hazard Mitigation Plan
 Project Kick-off Meeting - February 20, 2019

NAME	TITLE / AFFILIATION	PHONE	E-MAIL
Tody Smyre	EM Coordinator Iredell County	704-380-5401	tsmyre@co.iredell.nc.us
Cherie Harris	LEA Chairwoman	704 902 2501	charis@hoko.com
Kelly Keefe	AECOM Planner	9544613374	kelly.keefe@acom.com
Mrs. Ferguson	NCERM FIRE CHIEF / EM COORDINATOR CITY OF STATESVILLE	919-285-2569	christopher.ferguson@ncdps.gov
SPRINGER LEE		704-902-2001	slee@statesville.nc
Susan mills	Disaster Co-ordinator DSS	704-878-5053	Susan.S.Mills@Iredell.nc.gov
Yvette Smith	DSS Director Planner Rowan County	704-878-5000	YVETTE.SMITH@iredell.nc.gov
Arson Poplin	Rowan County Planner	704-216-8600	Arson.Poplin@rowancountync.gov
Colb Sinclair	Rowan Co Solid Waste	704 211 8606	Colb.Sinclair@rowancountync.gov
DAVID BULLINS	MITCHELL CC	704-775-6620	dbullins@mitchellcc.edu

Iredell-Rowan Regional Hazard Mitigation Plan
 Project Kick-off Meeting - February 20, 2019

NAME	TITLE / AFFILIATION	PHONE	E-MAIL
* Kathleen Wolfe	Flood Plain Manager GIS Analyst / Planning	704-	Kw Wolfe @ co.iredell.nc.us
Todd	Planning Director / Iredell	704-928-2048	mtodd@co.iredell.nc.us
David South	Iredell Co. Fire Marshal	704-878-3035	dsouth@ co.iredell.nc.us
Russell Wise	NOUW HEALTH MED- Flight ROVERAN MAN	803 295 - 8338	russell.wise@kued-trans- net
Danny Sloan	Asst. Manager Iredell Water Corp.	704-876-0672 x 106	dsloan@iredellwater.com
Chris Soliz	Rowan ES Chief	704 310 0705	chris.soliz @ rowancountync.gov
Scott Graham	Engineer @ Iredell Health System	704-402-4588	Scott.graham @ iredellhealth.org
Daniel Brazinska	Forest Service NC Forest Service	704-878-4216	Danny.Brazinska @ nc.gov
Dennis G. Floyd	Iredell County Ranger NC Forest Service	704-878-4216	prof.floyd@nc.gov
Sumner Pounce	Director of Nursing FC Health Dept	704-878-5338	Spjohnson@ co.iredell.nc.us

Iredell-Rowan Regional Hazard Mitigation Plan
 Project Kick-off Meeting - February 20, 2019

NAME	TITLE / AFFILIATION	PHONE	E-MAIL
Brian Gates	DIRECTOR / IREDELL Co. Museum S/S	704-878-5424	Brian.Gates@iredell.nc.us
Thomas Logan	Director of Security	704-878-4988	thomas.logan@iredellwaik.org
Sam Migit	Emergency Preparedness Coordinator	704-878-5300 ext 2487	Smigit@iredell.nc.us
Bob Pedugars	Animal Services Director	704-216-7796	bob.pedugars@rowancountync.gov
Danny Nicholson	Statesville Fire	704-962-8642	dnicholson@statesville.nc.net

Iredell-Rowan

Regional Hazard Mitigation Plan Project Kick-off Meeting

Kelly Keefe

Lead Planner, AECOM

Brent Edwards

Planner, AECOM

February 20, 2019



Agenda

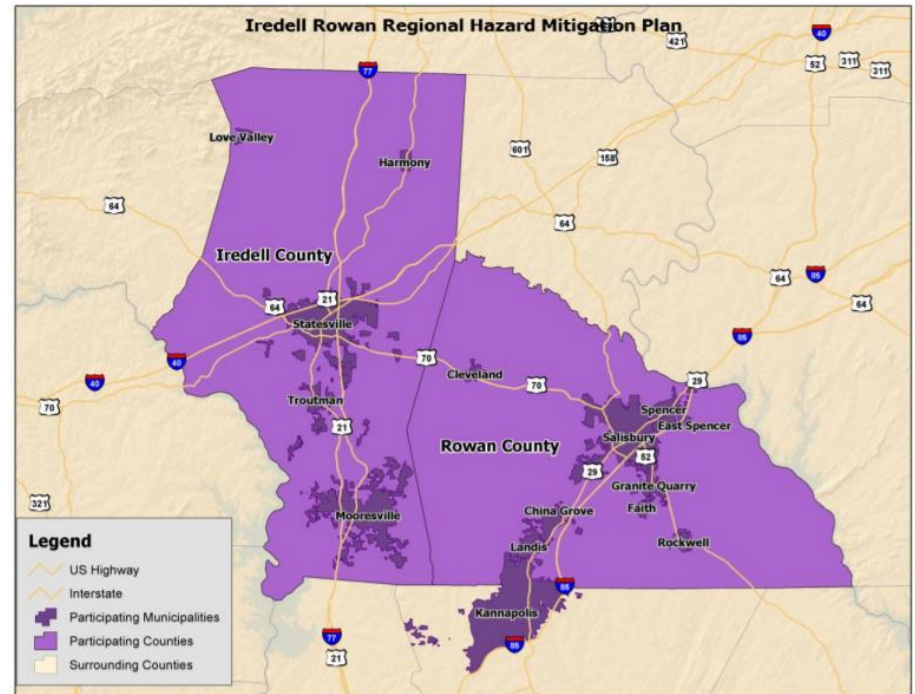
- Welcome and introductions
- Project overview
- Plan update process
- Review and discussion of existing plan
- “Mayor for a Day” exercise
- Open discussion
- Next steps

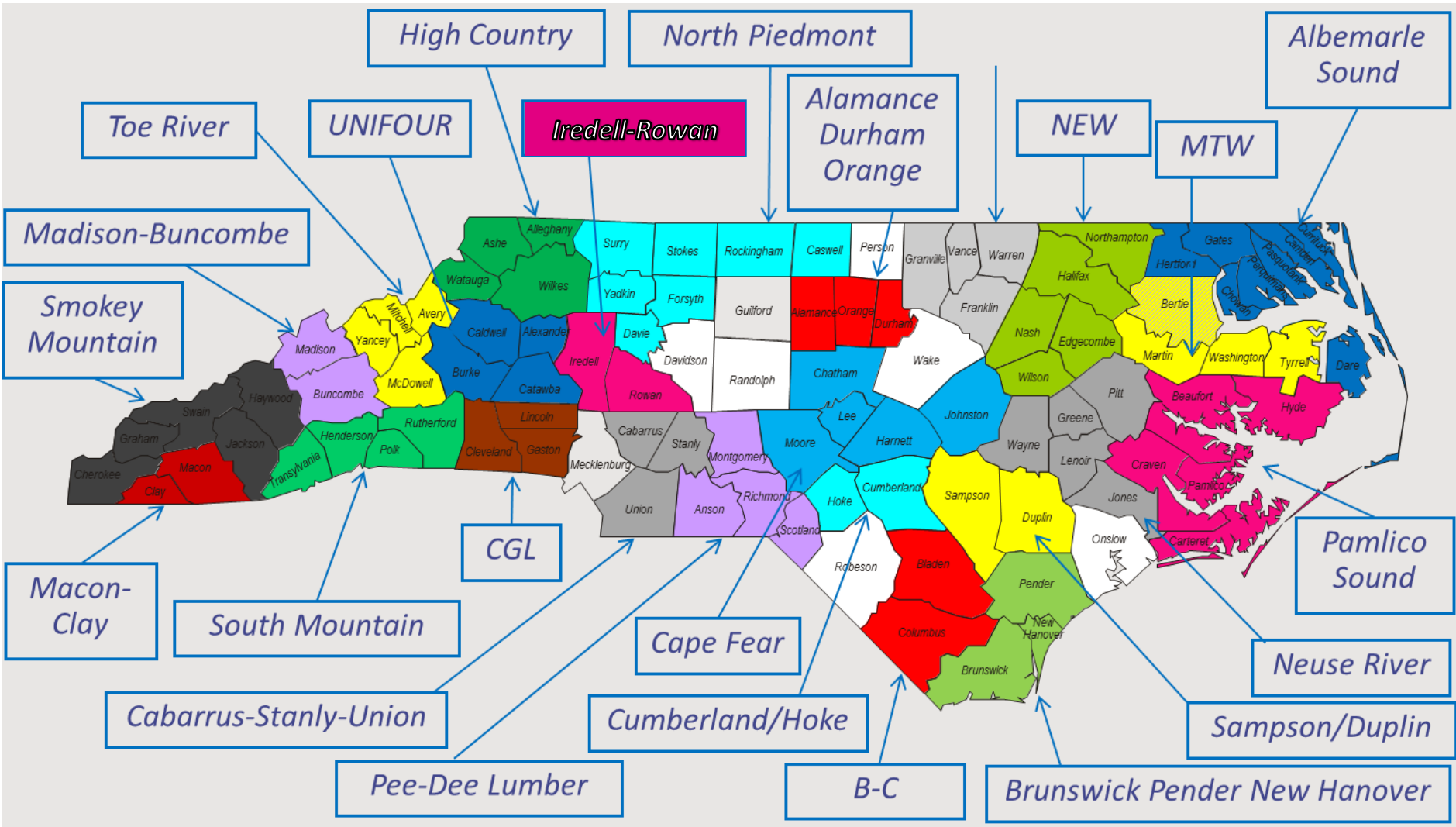
Handouts

- Meeting agenda
- Meeting sign-in sheet
- Designated “Local Jurisdiction Leads” sign-up sheet

Welcome and Introductions

- Participating jurisdictions
 - Iredell County and municipalities
 - Rowan County and municipalities
- Other local stakeholders
- State and federal partners
- AECOM





Project Overview

Purpose

- Prepare a comprehensive update to the current plan, including all 16 jurisdictions

Scope

- Counties of Iredell and Rowan
- 16 participating jurisdictions
- Key tasks and subtasks (shown on following slides)

Schedule

- Complete final draft plan for NCEM/FEMA review by ???

Key Project Tasks

1. Planning Process

- 1.1 Project Initiation
- 1.2 Develop Public Outreach Strategy
- 1.3 Facilitate Regional Planning Team Meetings
- 1.4 Conduct Public Outreach
- 1.5 Document Planning Process

2. Risk Assessment

- 2.1 Data Collection and Analysis
- 2.2 Hazard Identification
- 2.3 Hazard Profiles and Mapping
- 2.4 Inventory of Community Assets
- 2.5 Vulnerability Assessment
- 2.6 Summarize Findings and Conclusions

Key Project Tasks

3. Capability Assessment

- 3.1 Review Existing Capabilities
- 3.2 Summarize Findings and Conclusions

4. Mitigation Strategy

- 4.1 Update Mitigation Goals
- 4.2 Analyze Mitigation Actions and Projects
- 4.3 Prepare Mitigation Action Plans
- 4.4 Complete Mitigation Action Prioritization

5. Plan Maintenance Procedures

- 5.1 Plan Implementation
- 5.2 Plan Review and Update
- 5.3 Continued Public Involvement

Plan Update Process



Project Overview

– Roles and responsibilities

- AECOM
 - Oversee, support and document the completion of all key project tasks
- Iredell or Rowan County ?
 - Serving as lead coordinating agency
 - Designation of local project manager
 - Assistance with the collection of documents, data and other information
 - Logistics for project meetings
 - Hosting and managing project website
 - Responding to inquiries from the public or stakeholders
 - Coordinating with participating jurisdictions

Project Overview

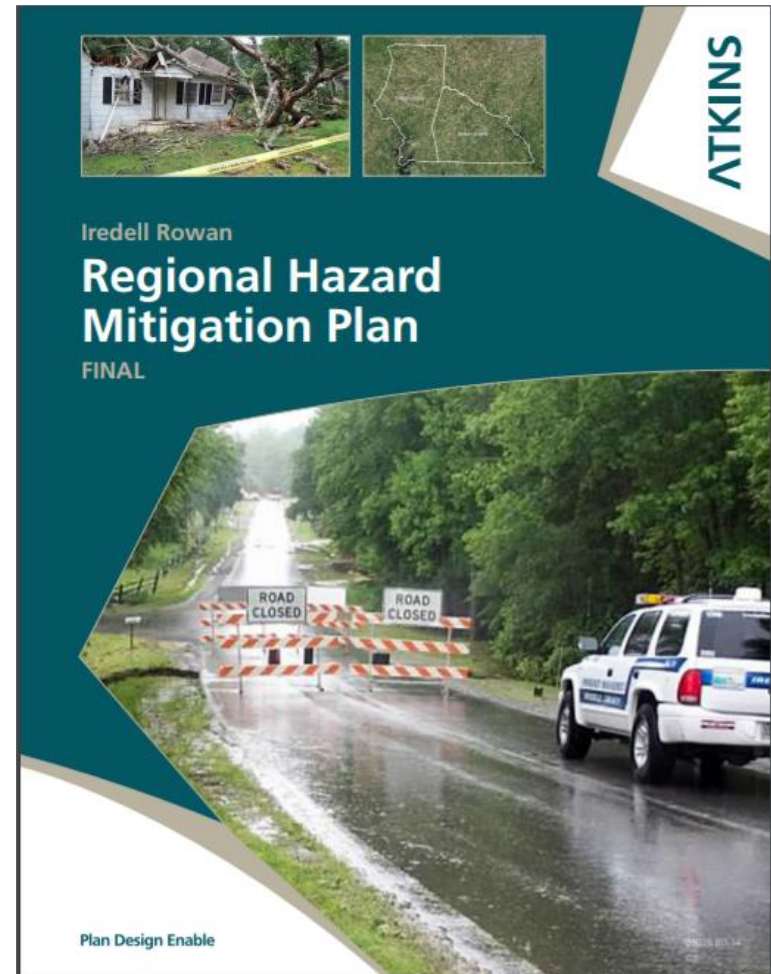
– Roles and responsibilities

- All participating jurisdictions
 - Designate local jurisdiction lead
 - Attend Hazard Mitigation Planning Team meetings
 - Coordination between counties, municipalities and local stakeholders
 - Data collection and information sharing
 - Mitigation strategy development (Mitigation Action Plans)
 - Assist with public outreach
 - Review and comment on draft plan materials

Review and Discussion of Existing Plans

– Iredell-Rowan Regional Hazard Mitigation Plan

- (January 2015)



General Thoughts

- How pleased are you with the current plan, overall?
 - How pleased are you with the content?
- What are some specific things you would like to see accomplished as part of this plan update?

Hazards Addressed

- Dam/levee failure
- Drought/extreme heat
- Earthquake
- Erosion
- Flood
- Hail
- Hazardous Materials
- Hurricane/tropical storm
- Landslide
- Lightning
- Thunderstorm
- Tornado
- Wildfire
- Winter weather

Do we have any cause to re-think this list for this plan update?

Mitigation Goals

	Proposed Goals
Goal #1	Provide for and implement real time monitoring of mitigation activities.
Goal #2	Develop and institute systems and procedures for information collection, interpretation, and dissemination.
Goal #3	Develop uniform guidelines and training for responders, managers, and other professionals/decision-makers.
Goal #4	Develop effective public education and awareness programs.
Goal #5	Implement loss reduction measures and mitigation actions
Goal #6	Coordinate hazard mitigation activities with emergency preparedness, response, and recovery guidelines and efforts.
Goal #7	Reduce the number of deaths, injuries, and economic losses caused by natural and human-caused hazards.
Goal #8	Develop an understanding of the risks posed by natural and human caused hazards and evaluate those risks through the delineation of susceptible areas and estimation of potential losses.

Hazard Identification Exercise



MAYOR
FOR A DAY



Plan Update Process

- Planning team organization
- Community Rating System (CRS) points
- Leveraging existing resources
- Communication
- Capability Assessment surveys
- Data collection (internal)
- Public outreach/stakeholder engagement
- Tracking time for in-kind match

Leveraging Existing Resources

- Existing plans, studies and reports
- Existing data and information
- Local knowledge sharing
- Other resources?

Communication

- Planning team organization
- Work through channels (2-way communication)
 - Electronic worksheets and surveys for collecting information from all local participating jurisdictions
 - Jurisdiction leads/POCs assigned primary responsibility, but must coordinate with other local staff
- Project website
- Participation is crucial!

Public Outreach Strategy

– Goals

- Generate public interest
- Solicit citizen input
- Engage additional partners in the planning process

– Identification of specific opportunities for participation

- In-person meetings (2+)
- Project information website
- Web-based survey(s)
- Social media (Facebook, Twitter, RSS, etc.)

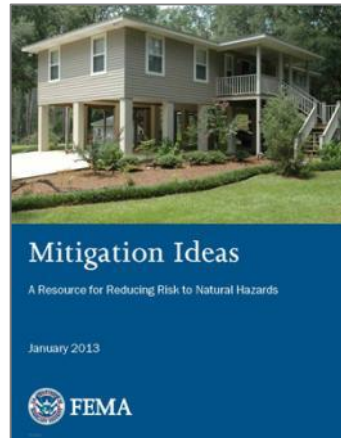
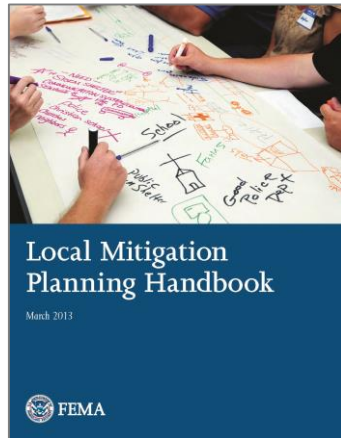
– Products/resources

- Project information fact sheet

Planning Resources

– FEMA mitigation planning guidance

- *Local Mitigation Planning Handbook*
- *Mitigation Ideas*
- *Integrating Hazard Mitigation Into Local Planning*



Hazard Identification Exercise Results



MAYOR
FOR A DAY



Open Discussion

- Other potential opportunities with this plan update
- Possible obstacles or barriers
- Other local issues, concerns or ideas

Next Steps

- Next meeting discussion
- Assignment of jurisdiction leads/POCs (ASAP)
- Finalize *Public Outreach Strategy*

Thank You!

Kelly.keefe@aecom.com

Brent.edwards@aecom.com



Iredell Rowan Regional Hazard Mitigation Plan

Hazard Mitigation Planning Committee Meeting #2

April 5, 2019
9:30 a.m. – 11:30 a.m.
2727 Old Concord Rd, Suite E
Salisbury, NC, 28146

AGENDA

1. Welcome and Introductions
2. Public Outreach Strategy
3. Risk Assessment Results
4. Capability Assessment Update
5. Break
6. Vision Statement and Mitigation Goals
7. Mitigation Strategy Update
8. Open Discussion
9. Next Steps

Iredell-Rowan Regional Hazard Mitigation Plan
 HMPC Meeting #2 - April 5, 2019

NAME	TITLE / AFFILIATION	PHONE	E-MAIL
Jody Smyre	EM Coordinator Iredell County	704-380-5404	smyre@co.iredell.nc.us
KRIS ROKE	Disaster Preparedness American Red Cross	950-214-3294	KRISTAN.ROKE@ RedCross.org
Chris Soliz	Emergency Services Chief Rowan County	704 216 8920	Chris.Soliz@ rowancounty.nc.gov
TJ BROWN	SUPPORT SVCS/ASST EM ROWAN COUNTY	774 216 8918	TJ.BROWN@ ROWANCOUNTY.NC.GOV
Garratt Berger	NCSHP	704-639-7574	garratt.berger@ncdhs.gov
Aaron Poplin	Planner Rowan County	704-216-8600	aaron.poplin@rowancounty.nc.gov
Paul Dupree	Chief of Public Safety	704-216-7230	Paul.Dupree@iredell.nc.us
Chris Lambert	Captain Rowan County EMS	704 239 8302	Chris.Lambert@rowancounty.nc.gov
David Martin	Maint. Dir. Mooresville Graded Sch.	704-746-8686	dmartin@wgsd.k12.nc.us
CHRIS NUCKOLS	Facilities/Construction Director Rowan-County Sewer Services	980-432-0039	christoph.nuckolls@rscs. k12.nc.us

Iredell-Rowan Regional Hazard Mitigation Plan
 HMPC Meeting #2 - April 5, 2019

NAME	TITLE / AFFILIATION	PHONE	E-MAIL
Christopher Ferguson	LCERAM	919 825 2515	christopher.ferguson@ncdps.gov
Matthew Todd	Iredell Co Planning	704-928-2018	mtodd@co.iredell.nc.us
Kathy Wolfe	Iredell Co Planning		Kwofe@cairedell.nc.us
JASON WILSON	SAUBURNY-ROWAN UTILITIES	704-216-7553	jason.wilson@sauburync.gov
Blair Richey	Director Iredell EMS	(704) 928-5218	audrey.richey@co.iredell.nc.us
Samantha Hight	Iredell Co. Health Dept.	704-761-2407	shight@co.iredell.nc.us
Curt Deaton	Morrisville Fire-Rescue	980-222-5619	cdeaton@morrisville.nc.gov
Rae Alepa	DSS	704-216-7963	rae.alepa@rowanencountync.gov
Amy Potoczny	ECHP		amy.potoczny@rowanencountync.gov
Kaisha Brown	Communications Specialist / City of Salisbury	336-298-8166	Kaisha.brown@salisburync.gov

Iredell-Rowan Regional Hazard Mitigation Plan
 HMPC Meeting #2 - April 5, 2019

NAME	TITLE / AFFILIATION	PHONE	E-MAIL
Finola McElmry	City of Salisbury	704 638-4460	fmcel@salisbury.nc.gov
Jeremy Stokes	Salisbury Police Dept.	704 638 2133	JStok@salisbury.nc.gov
Heather Lemaster	ORS / Red Cross	704 779 6635	heather.lemaster2@redcross.org
Mike Klutz	City of Salisbury Transit	704 216-8124 704-638-4497	Mike Klutz Salisbury NC.gov
Vent Greene	Iredell EM	704 495 2758	vent.greene@iredell.nc.us
David S. Ford	Rowan County Parcel Agent	704-216-8124	David.S.Ford@rowancounty.nc.gov
Allen Cress	Rowan County 9-1-1	704-216-8510	Allen.cress@rowancounty.nc.gov
Nick Childers	Risk Manager Rowan County	704-216-8109	Nick.childers@rowancounty.nc.gov
SPENCER LEE	CITY OF STATESVILLE FIRE DEPT. / EM	704-902-2001	slee@statesville.nc.gov
Randy Delek	District Manager	704-641-9935	Randy.Delek@duke-energy.com

Iredell-Rowan Regional Hazard Mitigation Plan

HMPC Meeting #2

AECOM

Kelly Keefe, Lead Planner
Brent Edwards, Planner

April 5, 2019

Agenda

- Welcome and introductions
- Public outreach strategy
- Risk assessment results
- Capability assessment
- Vision statement and mitigation goals
- Mitigation Strategy
- Open discussion
- Next steps

Handouts

- Meeting agenda
- Meeting sign-in sheet
- Previous Plan
- Current Draft Plan

Public Outreach Strategy

Public Outreach Strategy

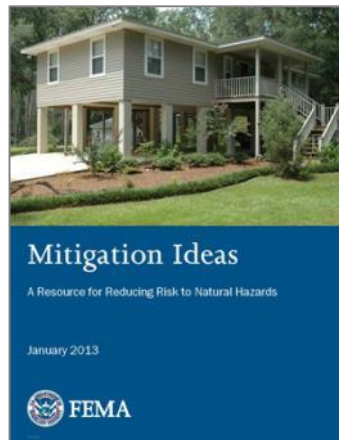
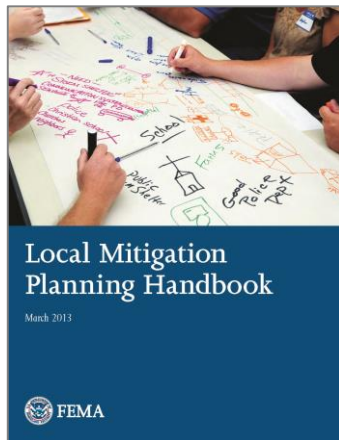
- Refer to handout
- Goals
 - Generate public interest
 - Solicit citizen input
 - Engage additional partners in the planning process
- Outreach opportunities and resources
 - In-person public meetings (2)
 - Project information website with social media integration
 - Project information fact sheet
 - Web-based public participation survey
 - Links to planning resources for interested parties

In-Person Public Meetings (2)

- Scheduled at key points during the project timeline
 - Following completion of the draft risk and capability assessments
 - Following completion of the draft plan
- Inform the public on the process and current status of the regional planning process
- Gain input to the process during the drafting stage and prior to plan completion and approval
- AECOM will prepare presentation and handout materials to help facilitate two-way communication with public meeting attendees

Planning Resources

- FEMA mitigation planning guidance
 - *Local Mitigation Planning Handbook*
 - *Mitigation Ideas*
 - *Integrating Hazard Mitigation Into Local Planning*



- Links to other online planning resources

Risk Assessment Results

Capability Assessment/ Safe Growth Survey

Capability Assessment Survey

- Planning and regulatory capability
- Administrative and technical capability
- Fiscal capability
- Education and outreach capability
- Political capability
- Self assessment
- Deadline

Local Capability Assessment Survey Methodology

- Point system for capability ranking
 - 0-29 points = Limited overall capability
 - 30-59 points = Moderate overall capability
 - 60-100 points = High overall capability

Vision Statement and Mitigation Goals

Vision Statement

- Captures the overall purpose of the planning process
- Expresses the outcome that the participating jurisdictions seek to accomplish as the plan is implemented
- Helps drive the planning process
- Unites the planning team around a common purpose
- Provides a foundation for the rest of the planning process
- Communicates the reason for the plan to stakeholders, elected officials and the public

Vision Statement

“Through a cohesive regional planning effort, create and implement an effective hazard mitigation plan that will identify and reduce risk to natural hazards in order to protect the health, safety, quality of life, environment and economy of the Iredell-Rowan area.”

Mitigation Goals

Goal #1	Provide for and implement real time monitoring of mitigation activities.
Goal #2	Develop and institute systems and procedures for information collection, interpretation, and dissemination.
Goal #3	Develop uniform guidelines and training for responders, managers, and other professionals/decisions-makers.
Goal #4	Develop effective public education and awareness programs.
Goal #5	Implement loss reduction measures and mitigation actions.
Goal #6	Coordinate hazard mitigation activities with emergency preparedness, response, and recovery guidelines and efforts.
Goal #7	Reduce the number of deaths, injuries, and economic losses caused by natural and human-caused hazards
Goal #8	Develop an understanding of the risks posed by natural and human caused hazards and evaluate those risks through the delineation of susceptible areas and estimation of potential losses.

Open Discussion

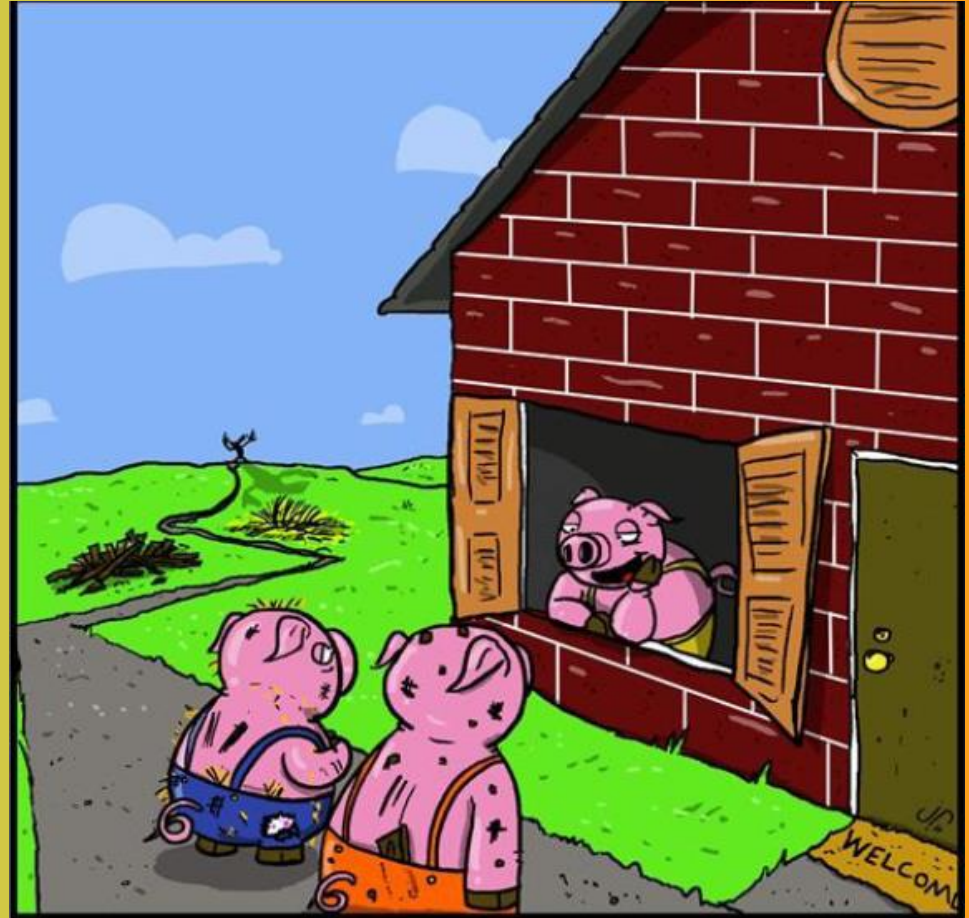
Next Steps

- Final draft capability assessment results
- Mitigation Strategy Workshop
- Next meeting

Thank You

Kelly.keefe@aecom.com

Brent.edwards@aecom.com



"Mitigation isn't so funny now, is it?"

Iredell Rowan Regional Hazard Mitigation Plan

Hazard Mitigation Planning Team Meeting

Friday, May 17, 2019

9:00 a.m. to 11:30 a.m.

Iredell County Public Safety Center
404 Bristol Drive Statesville NC, 28677

AGENDA

1. Welcome and Introductions

2. Review Mitigation Action Plans (MAPs)

3. Maintaining Momentum and Implementing the Plan
 - Update on Public Participation Survey
 - Keeping the public and stakeholders involved
 - Plan Maintenance Procedures

4. Overview of Draft Hazard Mitigation Plan
 - Status on plan sections
 - Review/comment process
 - Suggested areas of focus

5. Questions and Open Discussion

6. Next Steps
 - Final draft
 - State and FEMA review
 - Local adoption
 - Time/date/location for next meeting

Iredell-Rowan Regional Hazard Mitigation Plan
 HMPC Meeting #3 - May 17, 2019

NAME	TITLE / AFFILIATION	PHONE	E-MAIL
Kent Greene	Director Iredell EM	704 445 2758	kent.greene@co.iredell.nc.us
Rae Alepa	Deputy Director DSS	704.216.7963	rae.alepa@rowancountync.gov
Karen Hamby	NC EM	828-726-4000	Karenhamby@ncdps.gov
Aaron Poppin	Planner / Rowan County Operations Dept.	704-216-8600	aaron.poppin@rowancountync.gov
Chris Muckous	Rowan Swimsuit Services	980-452-0039	christyle.muckous@ss.kiz.nc.gov
Joseph Pierce	Iredell County Assistant County Manager	910.232.3669	joseph.pierce@co.iredell.nc.us
Kathy Wolfe	Flood Plain Manager Iredell County		KWolfe@co.iredell.nc.us
Heather Lemaster	Disaster Prepan Specialist American Red Cross	9803487127	heather.lemaster@redcross.org
Ron Shultz	ICATS Transit Planner	704.913-9393	ronald.shultz@co.iredell.nc.us
TJ Brown	Rowan CO EM	704 216 8918	TJ.BROWN@ROWANCOUNTY.NC.GOV

Iredell-Rowan Regional Hazard Mitigation Plan
 HMPC Meeting #3 - May 17, 2019

NAME	TITLE / AFFILIATION	PHONE	E-MAIL
Amganda Treadway	Compliance Officer Iredell EMS	704-903-2307	amganda.treadway@ co.iredell.nc.us
Jim Behner	Director Salisbury-Rowan Utilities	704-638-5103	jbehner@salisbury.nc.gov
Jody Smyre	EM Coordinator Iredell County	704-380-5404	jsmyre@co.iredell.nc.us

Iredell-Rowan Regional Hazard Mitigation Plan

HMPC Meeting #3

AECOM

Kelly Keefe, Lead Planner
Brent Edwards, Planner

Agenda

- Welcome and introductions
- Mitigation Action Plans
- Public Participation Survey results
- Plan Maintenance Procedures
- Overview of working draft
- Next steps
- Open discussion

Mitigation Action Plans

Mitigation Strategy

What would have to happen for the Iredell-Rowan region to be more resilient to natural hazards?

Mitigation Strategy

What specific actions would need to be taken to accomplish this?

Mitigation Strategy

How do all of our ideas come together?

Public Participation Survey Results

Plan Maintenance Procedures

Plan Maintenance Questions

- Who will be the lead agency for future mitigation planning meetings, updates, progress reports, etc.?
- What will be the schedule for any ongoing meetings of the HMPC, prior to the next 5-year plan update?
 - Annual meetings, bi-annual meetings, “as-needed” meetings, etc.

Plan Maintenance Questions

- What kind(s) of reporting procedures would you like to adopt?
 - Just what is included in the next 5-year plan update?
 - Annual progress reports?
 - Who would they be submitted to and by whom?
 - Interim progress report halfway to the next 5-year plan update?
 - Who would it be submitted to and by whom?
- How will you keep the public involved?
- How will you keep stakeholders involved?

Next Steps

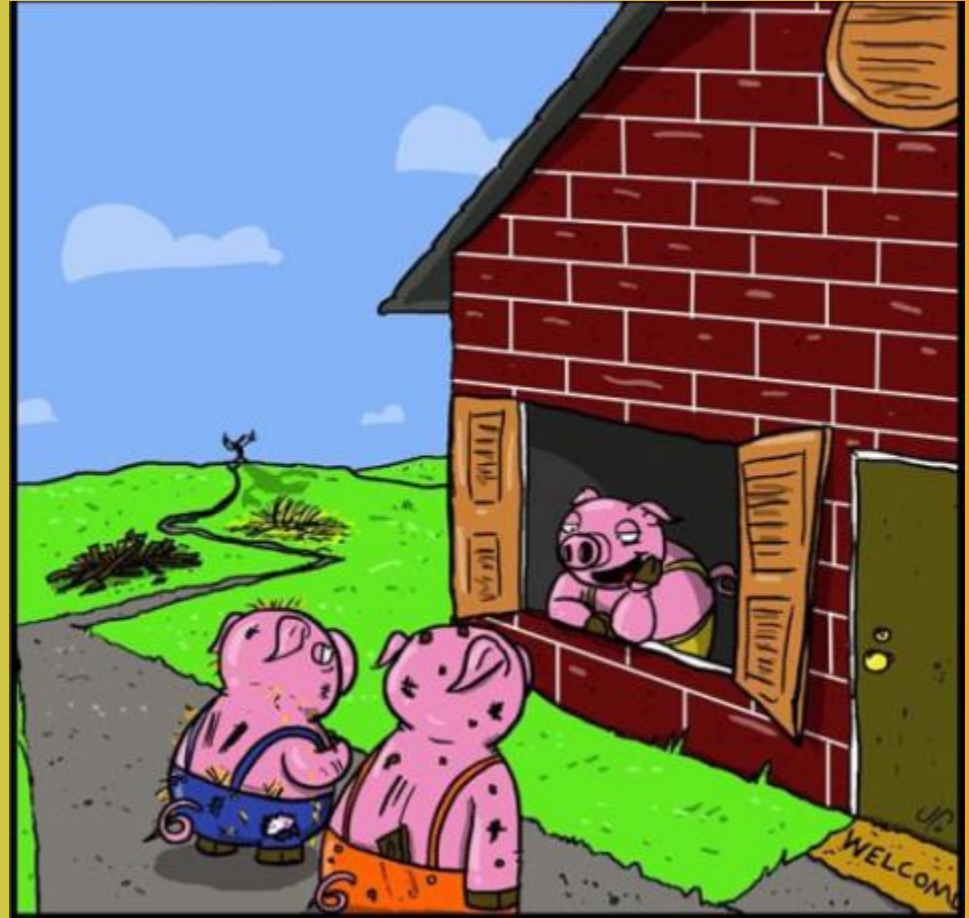
- Review/comment period
- Final draft
- State and FEMA review
- Local adoption

Open Discussion

Thank You

Kelly.keefe@aecom.com

Brent.edwards@aecom.com



"Mitigation isn't so funny now, is it?"

Iredell Rowan Regional Hazard Mitigation Plan

Hazard Mitigation Planning Team Meeting

Friday, June 21, 2019

9:00 a.m. to 10:00 a.m.

1140 Julian Road, Salisbury, NC 28146

AGENDA

1. Welcome and Introductions
2. Review Capability Assessments
3. Review Mitigation Action Plans (MAPs)
4. Reviewing the Final Draft
 - Status on plan sections
 - Review/comment process
 - Suggested areas of focus
5. Local Adoption Process
6. Resiliency Assessment
7. Questions and Open Discussion
8. Next Steps
 - Final draft
 - State and FEMA review
 - Local adoption
 - Time/date/location for next meeting

Iredell-Rowan Regional Hazard Mitigation Plan
Meeting #5 - June 21, 2019

NAME	TITLE / AFFILIATION	PHONE	E-MAIL
Chestie Carter	PC - Iredell Co. HD	704-761-2457	Chestie.Carter@Co.iredell.nc.us
Tyeshia Woods	Mgr Public Safety - Novant ^{EM}	336-470-9555 704-810-5702	twwoods@NovantHealth.com
TJ BROWN	EM / ROWAN COUNTY	704-798-3881	TJ.BROWN@ROWANCOUNTYNC.GOV
Rae Alepa	Rowan PSS	704-216-7963	rae.alepa@rowancountync.gov
Kent Greene	Em Iredell County	704-495-2758	kent.greene@co.iredell.nc.us
Jody Smyre	Em/Iredell County	704-380-5404	jsmyre@co.iredell.nc.us
Brian Richney	EMS	704-428-5218	brichney@co.iredell.nc.us
KAREN HAMRBY	NCCM	828-726-4100	Karen.Hamrby@ncdps.gov
Chris Soliz	Rowan Em	704-216-8920	Chris.Soliz@rowancountync.gov
Kaisha Brown	Communications Specialist/ City of Salisbury	704-638-4460	Kaisha.Brown@Salisburync.gov

Iredell-Rowan Regional Hazard Mitigation Plan
 Meeting #5 - June 21, 2019

NAME	TITLE / AFFILIATION	PHONE	E-MAIL
Russell Wise	RM NH WED Filant	803 295 8338	russell.wise@wed-tens.net
Bradley Dean	Rowan County Emergency Services	704-216-8902 336-240-1063	bradley.dean@rowancountync.gov

Iredell-Rowan Regional Hazard Mitigation Plan

HMPC Meeting #4

AECOM

Kelly Keefe, Lead Planner
Brent Edwards, Planner

Mitigation Actions /Capability Assessments

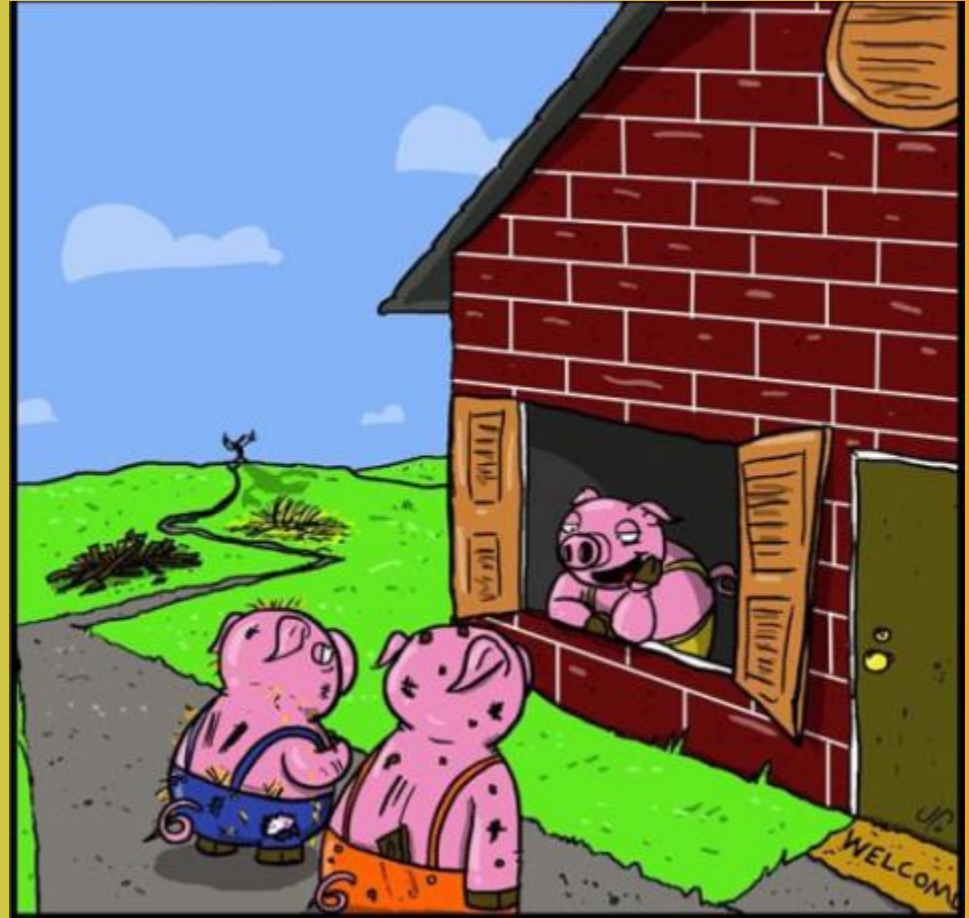
Draft Review

Open Discussion

Thank You

Kelly.keefe@aecom.com

Brent.edwards@aecom.com



"Mitigation isn't so funny now, is it?"