

## **APPENDIX C – CHARLOTTE COUNTY AND TOWNS OF CHARLOTTE COURT HOUSE, DRAKES BRANCH, KEYSVILLE, PHENIX**

Locality Map

Status of Mitigation Actions

Building Permit Data

Land Use Cover Map

Future Land Use Maps

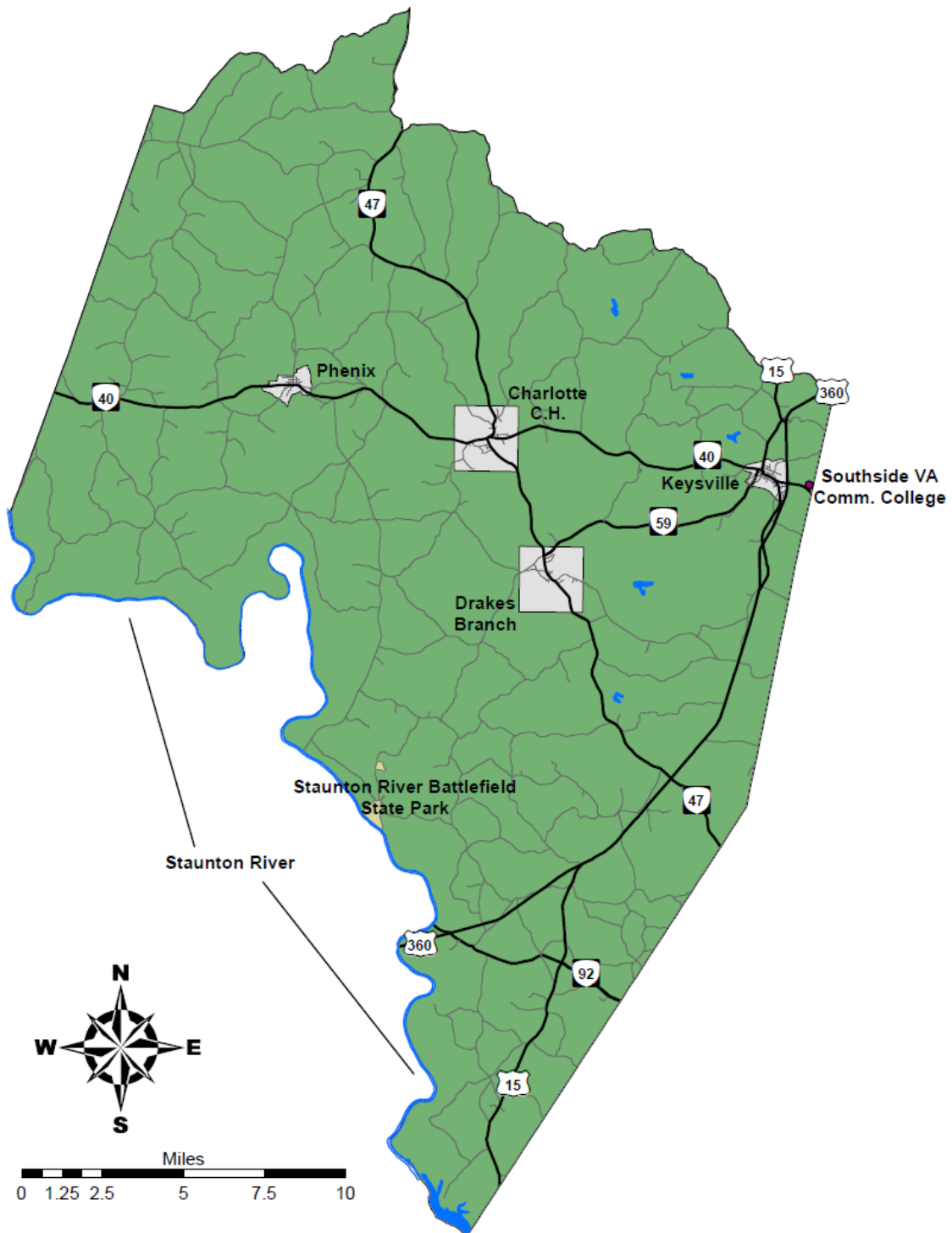
Critical Facilities Map

NFIP Survey Results

Flood Zone Maps

- 1) For this update, the methodology for ranking hazards was changed. Localities were not actually tasked with scoring/ranking covered hazards directly. Table 6.17 in Section 6 of the Plan shows the risk ratings for the region based on quantitative and qualitative analysis as well as anecdotal input from the Project Management Team, but is not based on a locality ranking system. As a result, the "Hazard Ranking" table that appeared in the local appendices for the previous Plan updates has been supplanted by the "Hazard Risk Ratings" table (Table 6.17) in Section 6.
- 2) For the status of mitigation actions, any actions that were removed per previous Plan updates are not shown in this update. This section was also amended to list actions completed per prior Plan updates separately.

## Charlotte County



Map created by CRC – May 2010

## Detailed Information/Status of Local Mitigation Actions

(Includes detailed data for each action, as requested by FEMA)

### Charlotte County

Charlotte County Mitigation Action 1	Identify most at-risk critical facilities in County and evaluate potential mitigation techniques.
Category:	Emergency Services
Hazard(s) Addressed:	Multiple
Priority (High, Moderate, Low):	Moderate
Estimated Cost:	N/A
Potential Funding Sources:	Dependent on scope of study
Lead Agency/Department Responsible:	County Emergency Services Coordinator
Implementation Schedule:	Dependent on availability of staff resources and/or funding
Status: FEMA flood evaluation complete, other evaluations incomplete due to lack of staff resources	

Charlotte County Mitigation Action 2	Emergency generators/backup power for water, wastewater treatment plant facilities - Action applies to Charlotte County as well as the Towns of Keysville, Drakes Branch, Phenix and Charlotte Court House.
Category:	Emergency Services
Hazard(s) Addressed:	All
Priority (High, Moderate, Low):	High
Estimated Cost:	\$10,000 - \$20,000 each, depending on type
Potential Funding Sources:	BRIC, HMGP (with local matching funds), USDA RD equipment grants, VDEM grants (when available)
Lead Agency/Department Responsible:	County Emergency Services Coordinator in conjunction with the Towns of Keysville & Drakes Branch
Implementation Schedule:	Dependent on availability of funding
Status: Ongoing. A generator has been installed for the county's pump station and force main sewage line. Generators are still needed for facilities in the Town of Keysville and the Town of Drakes Branch.	

Charlotte County Mitigation Action 3	Develop a backup emergency operations center as part of a continuity of operations plan.	
Category:	Emergency Services	
Hazard(s) Addressed:	All	
Priority (High, Moderate, Low):	Moderate/High	
Estimated Cost:	Unknown at this time	
Potential Funding Sources:	County funds and/or USDA RD Community Facilities funds	
Lead Agency/Department Responsible:	County Emergency Services Coordinator	
Implementation Schedule:	Dependent on availability of funding	
Status: No action taken – dependent upon availability of resources.		

Charlotte County Mitigation Action 4	Advertise and promote the availability of flood insurance.	
Category:	Prevention/Property Protection/Public Education and Awareness	
Hazard(s) Addressed:	Flood	
Priority (High, Moderate, Low):	Moderate	
Estimated Cost:	Minimal – Cost of brochures, advertising	
Potential Funding Sources:	N/A	
Lead Agency/Department Responsible:	County Administration	
Implementation Schedule:	Short/near term	
Status: No action taken – dependent upon availability of resources to implement		

Charlotte County Mitigation Action 5	Purchase and install replacement generators at the County’s fire stations and the Charlotte County Rescue Squad, which serve as relief stations during power outages and other emergencies.	
Category:	Emergency Services	
Hazard(s) Addressed:	Multiple	
Priority (High, Moderate, Low):	Moderate/High	
Estimated Cost:	Approx. \$63,000; \$9,000 each for the seven (7) fire stations in the County	
Potential Funding Sources:	BRIC, HMGP (with local matching funds), USDA RD equipment grants, VDEM grants (when available)	
Lead Agency/Dept. Responsible:	Charlotte County Administrator’s Office	
Implementation Schedule:	Dependent on availability of funding	
Status: Cullen VFD generator replaced in 2017; Red House VFD generator replaced in 2021; working on procurement of Drakes Branch VFD generator with funding from the Emergency Shelter Upgrade Assistance Grant; Awaiting funding to implement replacement of remaining units		



<b>Charlotte County Mitigation Action 6</b>	<b>Implement community early warning systems on school campuses, designed to notify school staff, students, and others on school grounds during weather related emergencies.</b>
<b>Category:</b>	Emergency Services
<b>Hazard(s) Addressed:</b>	Multiple
<b>Priority (High, Moderate, Low):</b>	High/Moderate
<b>Estimated Cost:</b>	Depends on what new equipment, staffing, and training would be required
<b>Potential Funding Sources:</b>	BRIC, HMGP (with local matching funds), USDA RD equipment grants
<b>Lead Agency/Dept. Responsible:</b>	School System Staff
<b>Implementation Schedule:</b>	Dependent on availability of funding
<b>Status: Currently using E911 Code Red System for notifications countywide for weather related emergencies. This includes school staff. At issue is each person needs to sign up for the service and that has been a challenge.</b>	

<b>Charlotte County Mitigation Action 7</b>	<b>Develop/update water management/drought response plan - applies to Charlotte County as well as the Towns of Charlotte Court House, Drakes Branch, Keysville and Phenix.</b>
<b>Category:</b>	Prevention/Natural Resource Protection
<b>Hazard(s) Addressed:</b>	Drought
<b>Priority (High, Moderate, Low):</b>	High
<b>Estimated Cost:</b>	Dependent upon availability of funding assistance
<b>Potential Funding Sources:</b>	DEQ planning funds, with county and town matching funds as needed
<b>Lead Agency/Department Responsible:</b>	DEQ, County Administration and Town Councils
<b>Implementation Schedule:</b>	Short/near term
<b>Status: Ongoing; waiting on additional direction from DEQ.</b>	

### Town of Charlotte Court House

Charlotte Court House Mitigation Action 1	Emergency automatic startup generators/backup power for water treatment plant facilities.	
Category:	Prevention	
Hazard(s) Addressed:	All	
Priority (High, Moderate, Low):	High	
Estimated Cost:	\$10,000 - \$15,000 each, depending on type	
Potential Funding Sources:	BRIC, HMGP (with local matching funds), USDA RD equipment grants, VDEM grants (when available)	
Lead Agency/Department Responsible:	Town staff	
Implementation Schedule:	Dependant on availability of funding	
Status: No action taken – awaiting funding		

Charlotte Court House Mitigation Action 2	Advertise and promote the availability of flood insurance.	
Category:	Prevention/Property Protection/Public Education and Awareness	
Hazard(s) Addressed:	Flood	
Priority (High, Moderate, Low):	Moderate	
Estimated Cost:	Minimal – Cost of brochures, advertising	
Potential Funding Sources:	N/A	
Lead Agency/Department Responsible:	Town staff	
Implementation Schedule:	Short/near term	
Status: No action taken – dependent upon availability of resources to implement		

Charlotte Court House Mitigation Action 3	Retrofit fire station and Town Hall to become hazard resistant.	
Category:	Emergency Services	
Hazard(s) Addressed:	Multiple	
Priority (High, Moderate, Low):	Moderate/High	
Estimated Cost:	Unknown at this time	
Potential Funding Sources:	BRIC, HMGP (with local matching funds), USDA RD Community Facilities program	
Lead Agency/Department Responsible:	Town staff/Fire Department	
Implementation Schedule:	Dependent on availability of funding	
Status: No action taken – awaiting funding		

<b>Charlotte C. H. Mitigation Action 4</b>	<b>Continue to track and identify impacts from severe weather events to determine if flooding occurs and, if so, assist appropriate agencies in determining appropriate actions – including possible FIRM development, the construction of a storm water drainage system, or other methods as needed.</b>	
<b>Category:</b>	Prevention/Property Protection	
<b>Hazard(s) Addressed:</b>	Flood	
<b>Priority (High, Moderate, Low):</b>	Moderate/High	
<b>Estimated Cost:</b>	Unknown at this time	
<b>Potential Funding Sources:</b>	BRIC, HMGP (with local matching funds), USDA RD Community Facilities program	
<b>Lead Agency/Department Responsible:</b>	Town staff/Fire Department	
<b>Implementation Schedule:</b>	Dependant on actions required, availability of funding	
<b>Status: No action taken at this time – will depend on actions necessary, availability of funding</b>		

<b>Charlotte C. H. Mitigation Action 5</b>	<b>Protect repetitively flooded structures from flood damage. Actions could include flood proofing retrofits, elevation of structure and/or critical components, acquisition and demolition, relocation or repurposing of structure.</b>	
<b>Category:</b>	Prevention/Property Protection	
<b>Hazard(s) Addressed:</b>	Flood	
<b>Priority (High, Moderate, Low):</b>	Low-Moderate	
<b>Estimated Cost:</b>	Depending on the structure(s), could be up to \$500,000 or more per structure	
<b>Potential Funding Sources:</b>	BRIC, HMGP, FMA (with local matching funds), USDA RD Community Facilities program	
<b>Lead Agency/Department Responsible:</b>	Town staff	
<b>Implementation Schedule:</b>	Dependant on availability of funding	
<b>Status: No action taken, will depend on available funding and the presence of affected buildings for which action is needed</b>		

### Town of Drakes Branch

<b>Drakes Branch Mitigation Action 1</b>	<b>Ensure local firefighters are properly trained and equipped for all hazard response.</b>
<b>Category:</b>	Emergency Services
<b>Hazard(s) Addressed:</b>	Fire
<b>Priority (High, Moderate, Low):</b>	High
<b>Estimated Cost:</b>	Minimal – cost of training (if any)
<b>Potential Funding Sources:</b>	State funding
<b>Lead Agency/Department Responsible:</b>	Fire Department
<b>Implementation Schedule:</b>	Short term
<b>Status: No action taken – lack of staff resources</b>	

<b>Drakes Branch Mitigation Action 2</b>	<b>Install quick-connect emergency generator hook-ups for critical facilities.</b>
<b>Category:</b>	Prevention
<b>Hazard(s) Addressed:</b>	Multiple
<b>Priority (High, Moderate, Low):</b>	Moderate/High
<b>Estimated Cost:</b>	\$1,000 for two (2) wells
<b>Potential Funding Sources:</b>	Local funds
<b>Lead Agency/Department Responsible:</b>	Town Utilities Operator/Fire Department
<b>Implementation Schedule:</b>	In planning stage
<b>Status: Hope to have this done in 2023</b>	

<b>Drakes Branch Mitigation Action 3</b>	<b>Relocation of Town Municipal Building, which houses Town Office, Drakes Branch Fire Department, and Drakes Branch Police operations, out of flood plain through the construction of a new facility that is located outside of the flood hazard area.</b>
<b>Category:</b>	Emergency Services
<b>Hazard(s) Addressed:</b>	Flood
<b>Priority (High, Moderate, Low):</b>	Moderate/High
<b>Estimated Cost:</b>	\$750,000
<b>Potential Funding Sources:</b>	USDA grant/loan funds, local funds, bank loan
<b>Lead Agency/Department Responsible:</b>	Town staff/Fire Department
<b>Implementation Schedule:</b>	Almost complete
<b>Status: Ongoing – almost complete. The Town has constructed a new fire station, which will also house the Municipal Office and Drakes Branch Police operations, outside of the flood hazard area. Old buildings are to be removed as part of a FEMA flood remediation program and grant</b>	

Drakes Branch Mitigation Action 4	Review all permits for new development and substantial improvements with compliance with the Town’s Floodplain Ordinance.	
Category:	Prevention/Property Protection	
Hazard(s) Addressed:	Flood	
Priority (High, Moderate, Low):	Moderate	
Estimated Cost:	None	
Potential Funding Sources:	N/A	
Lead Agency/Department Responsible:	Town staff	
Implementation Schedule:	Ordinance is complete	
Status: Ongoing – enforced through a Floodplain District Ordinance, which places restrictions and requirements on building in flood areas.		

Drakes Branch Mitigation Action 5	Address the storm water drainage problems in downtown Drakes Branch, through the construction of a storm water drainage system or other methods as needed.	
Category:	Prevention/Property Protection	
Hazard(s) Addressed:	Multiple	
Priority (High, Moderate, Low):	High	
Estimated Cost:	Depends on scope of project	
Potential Funding Sources:	BRIC, HMGP (with local matching funds), USDA RD Community Facilities program	
Lead Agency/Department Responsible:	Town staff	
Implementation Schedule:	Dependent on availability of funding	
Status: No action taken – awaiting funding, but are reviewing areas to mitigate problems.		

Drakes Branch Mitigation Action 6	Protect repetitively flooded structures from flood damage. Actions could include flood proofing retrofits, elevation of structure and/or critical components, acquisition and demolition, relocation or repurposing of structure, or stream mitigation measures	
Category:	Prevention/Property Protection	
Hazard(s) Addressed:	Flood	
Priority (High, Moderate, Low):	Moderate/High	
Estimated Cost:	\$1,047,080	
Potential Funding Sources:	BRIC, HMGP (with local matching funds), USDA RD Community Facilities program	
Lead Agency/Department Responsible:	CRC and Town staff	
Implementation Schedule:	Grant awarded – Waiting on extension of grant agreement with FEMA/VDEM.	
Status: Ongoing – The Town currently has a FEMA grant to acquire, demolish and remove flood-prone commercial buildings in the floodplain. If extension is granted and contract extended, the project should be complete by October 2025.		

Drakes Branch added two (2) mitigation actions:

<b>Drakes Branch New Mitigation Action</b>	<b>Implement community early warning systems for major events designed to notify the general public during emergencies.</b>
<b>Category:</b>	Emergency Services
<b>Hazard(s) Addressed:</b>	Tornado, Flood, Severe Weather Event
<b>Priority (High, Moderate, Low):</b>	High/Moderate
<b>Estimated Cost:</b>	\$50,000 - \$70,000, depending on what new equipment, and training would be required
<b>Potential Funding Sources:</b>	BRIC, HMGP (with local matching funds), USDA RD equipment grant
<b>Lead Agency/Dept. Responsible:</b>	Town staff/Fire Dept. personnel
<b>Implementation Schedule:</b>	Dependent on availability of funding
<b>Status: Awaiting funding to implement</b>	

<b>Drakes Branch New Mitigation Action</b>	<b>Emergency automatic startup generators/backup power for Well #7, which is the main source of water for the Town's water system, to keep the well operational during a prolonged power outage.</b>
<b>Category:</b>	Prevention
<b>Hazard(s) Addressed:</b>	All
<b>Priority (High, Moderate, Low):</b>	High
<b>Estimated Cost:</b>	Approximately \$30,000 depending on the number, type and size
<b>Potential Funding Sources:</b>	BRIC, HMGP (with local matching funds), USDA RD equipment grant
<b>Lead Agency/Department Responsible:</b>	Town staff/Town Utilities Operator
<b>Implementation Schedule:</b>	Dependent on availability of funding
<b>Status: Awaiting funding to implement</b>	

#### Town of Keyville

<b>Keyville Mitigation Action 1</b>	<b>Emergency automatic startup generators/backup power for water, wastewater treatment plant facilities.</b>
<b>Category:</b>	Prevention
<b>Hazard(s) Addressed:</b>	All
<b>Priority (High, Moderate, Low):</b>	High
<b>Estimated Cost:</b>	\$10,000 - \$20,000 each, depending on type
<b>Potential Funding Sources:</b>	BRIC, HMGP (with local matching funds), USDA RD equipment grant
<b>Lead Agency/Department Responsible:</b>	Town staff/Town Utilities Operator
<b>Implementation Schedule:</b>	Dependent on availability of funding
<b>Status: In progress. Generator hookups have been installed. Additional funding is needed to purchase generators. Current plans are to rent generators when needed.</b>	

<b>Keysville Mitigation Action 2</b>	<b>Continue to track and identify impacts from severe weather events to determine if storm water flooding occurs and, if so, assist appropriate agencies in determining appropriate actions including possible FIRM development.</b>
<b>Category:</b>	Prevention/Property Protection
<b>Hazard(s) Addressed:</b>	Flood
<b>Priority (High, Moderate, Low):</b>	High
<b>Estimated Cost:</b>	Minimal – work done by Town staff
<b>Potential Funding Sources:</b>	N/A
<b>Lead Agency/Department Responsible:</b>	Town staff
<b>Implementation Schedule:</b>	Short term
<b>Status: Ongoing</b>	

#### Town of Phenix

<b>Phenix Mitigation Action 1</b>	<b>Emergency automatic startup generators/backup power for water treatment plant facilities.</b>
<b>Category:</b>	Emergency Services
<b>Hazard(s) Addressed:</b>	All
<b>Priority (High, Moderate, Low):</b>	High
<b>Estimated Cost:</b>	\$10,000 - \$15,000 each, depending on type
<b>Potential Funding Sources:</b>	BRIC, HMGP (with local matching funds), USDA RD equipment grant
<b>Lead Agency/Department Responsible:</b>	Town staff/Town Water System Operator
<b>Implementation Schedule:</b>	Dependant on availability of funding
<b>Status: No action taken – awaiting funding</b>	

<b>Phenix Mitigation Action 2</b>	<b>Review all permits for new development and substantial improvements with compliance with the Town's Floodplain Ordinance.</b>
<b>Category:</b>	Prevention/Property Protection
<b>Hazard(s) Addressed:</b>	Flood
<b>Priority (High, Moderate, Low):</b>	Moderate
<b>Estimated Cost:</b>	None
<b>Potential Funding Sources:</b>	N/A
<b>Lead Agency/Department Responsible:</b>	County Planning Department
<b>Implementation Schedule:</b>	Short/near term
<b>Status: Ongoing – enforced through a Floodplain Ordinance, which places restrictions and requirements on building in flood areas.</b>	

NOTE: Charlotte County and the Towns of Keysville and Phenix have determined that acquisition, relocation, elevation, or floodproofing is not a priority for them, due to the lack of flooding issues in those localities. Consequently, they do not have a mitigation strategy addressing this.

**Mitigation actions completed per previous Plan updates:**

**Charlotte County**

- **Backup wireless connectivity to internet (with power backup at source). – Completed per the 2018 Plan update.**
- **Improve GIS data for tax parcels, public works, existing businesses – action applies to County and the towns of Keysville, Drakes Branch, Charlotte Court House, and Phenix – Completed per the 2012 Plan update.**

**Town of Drakes Branch**

- **Purchase emergency generators/backup power for critical facilities – Completed per the 2012 Plan update.**

**Town of Keysville**

- **Address the storm water drainage problems in downtown Keysville, through the construction of a storm water drainage system or other methods as needed – Completed per the 2018 Plan update.**



## Building Permit Data – Charlotte County and Towns of Charlotte Court House, Drakes Branch, Keysville, Phenix

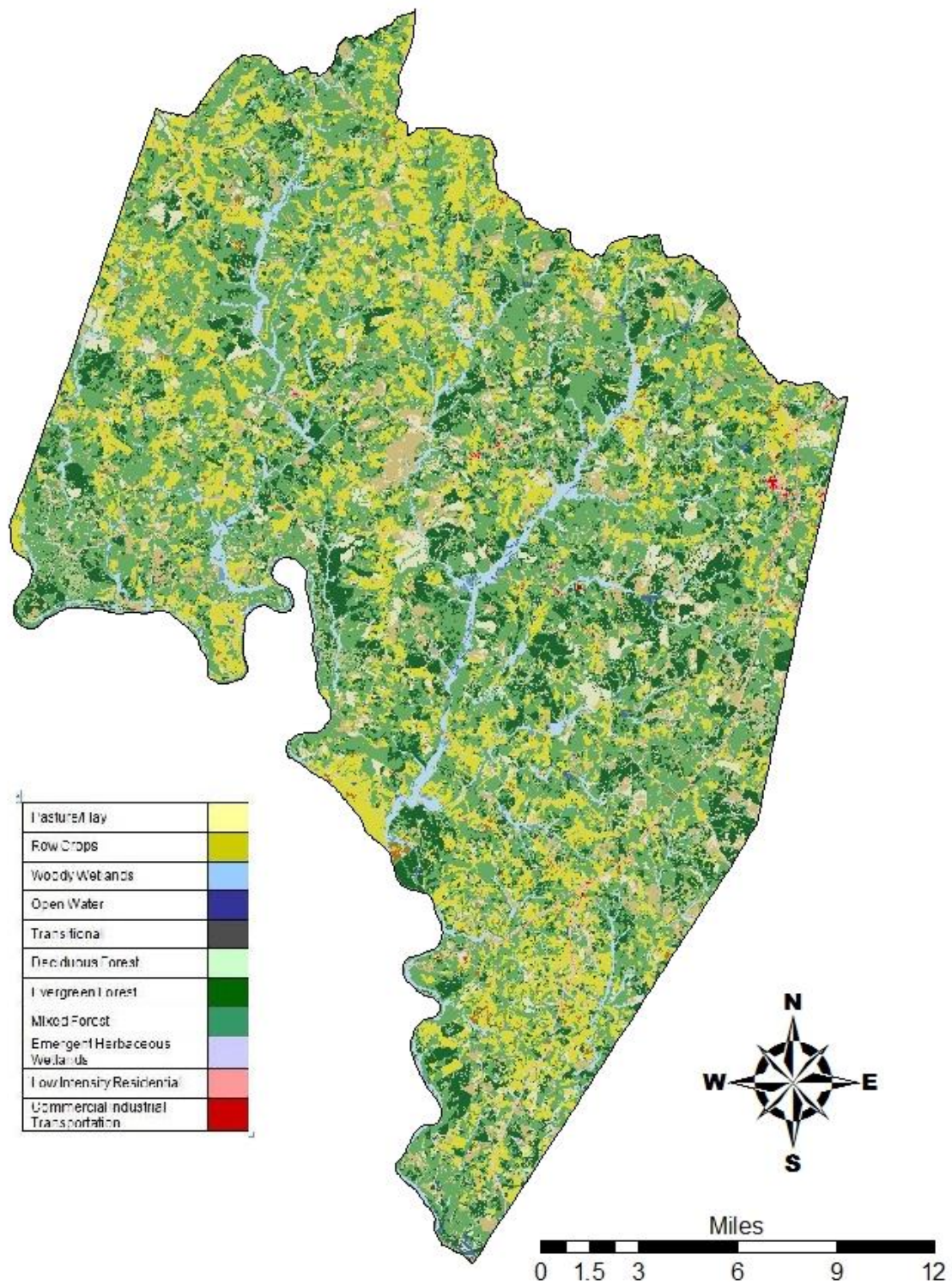
Year	Residential Permits Issued	Commercial Permits Issued
2003	78	0
2004	102	5
2005	103	10
2006	81	8
2007	89	2
2008	73	7
2009	81	5
2010	48	3
2011	57	6
2012	33	4
2013	38	0
2014	38	5
2015	38	3
2016	33	6
2017	33	6
2018	43	6
2019	36	5
2020	30	9
2021	38	6

NOTE: Building permits for the Towns are handled through the Charlotte County Building Inspector's Office.

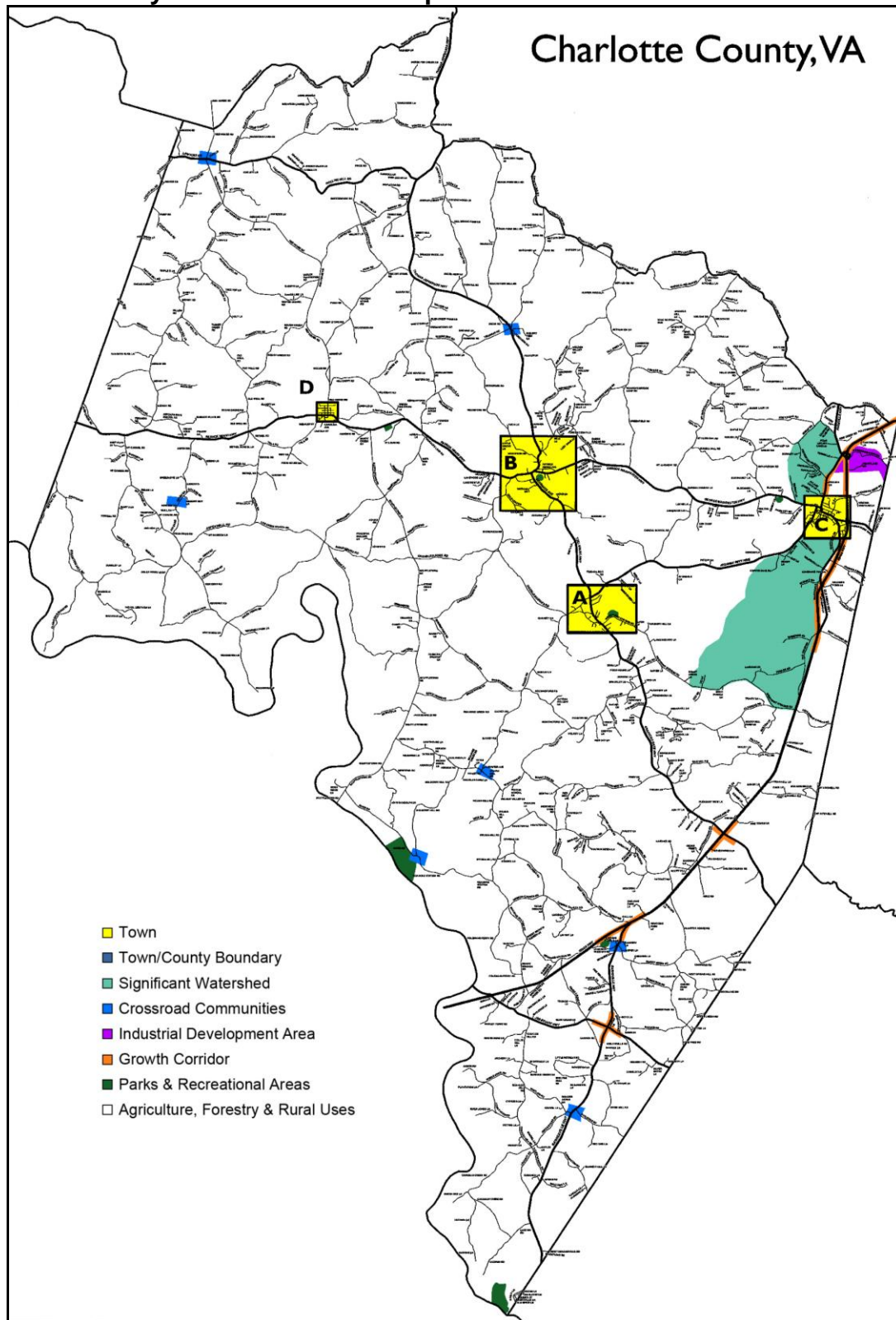
Section 1-13 of the Charlotte County Zoning Ordinance and Sections 2.7 and 2.8 of the County's Subdivision ordinance regulate construction in the flood hazard areas. County policy requires a building permit application to be submitted for any new construction, and a zoning permit is required before a building permit can be issued. For new construction within the Towns, the property owner must obtain a zoning permit from the Town where the property is located. In the Town of Drakes, Section 10 of the Town's Zoning Ordinance establishes a Floodplain District. This section places restrictions on construction in the floodplain and sets requirements for what information must be submitted with an application for a zoning permit for construction in the floodplain. The Towns of Charlotte Court House, Keysville and Phenix do not have a floodplain ordinance.

The County Building Inspector's Office follows the Virginia Uniform Statewide Building Code in reviewing applications for building permits. Charlotte County staff have advised that no building permits have been issued for new construction in flood prone areas since 2013, indicating no increase in development for these areas.

## Charlotte County Land Use Cover Map



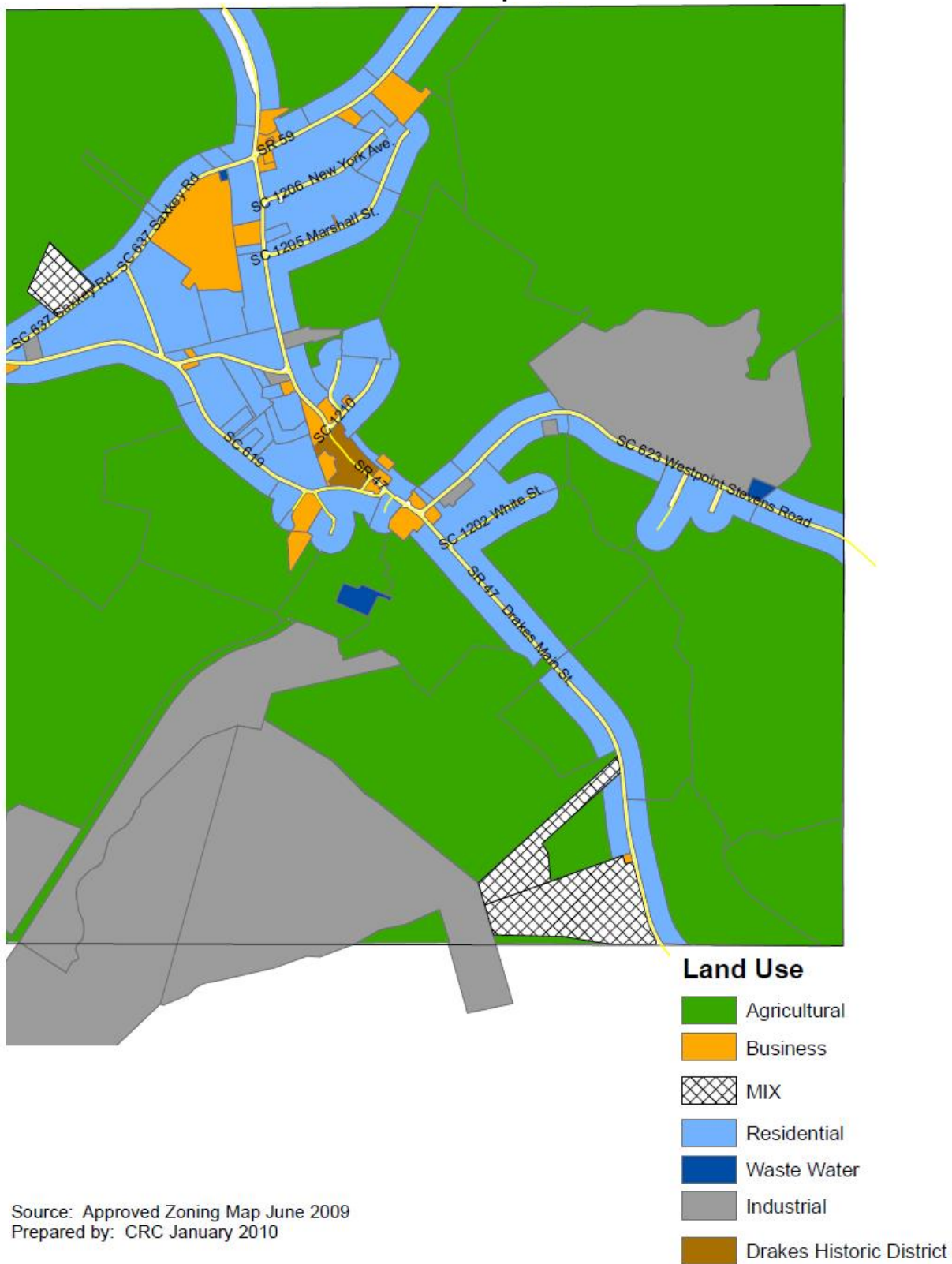
## Charlotte County Future Land Use Map



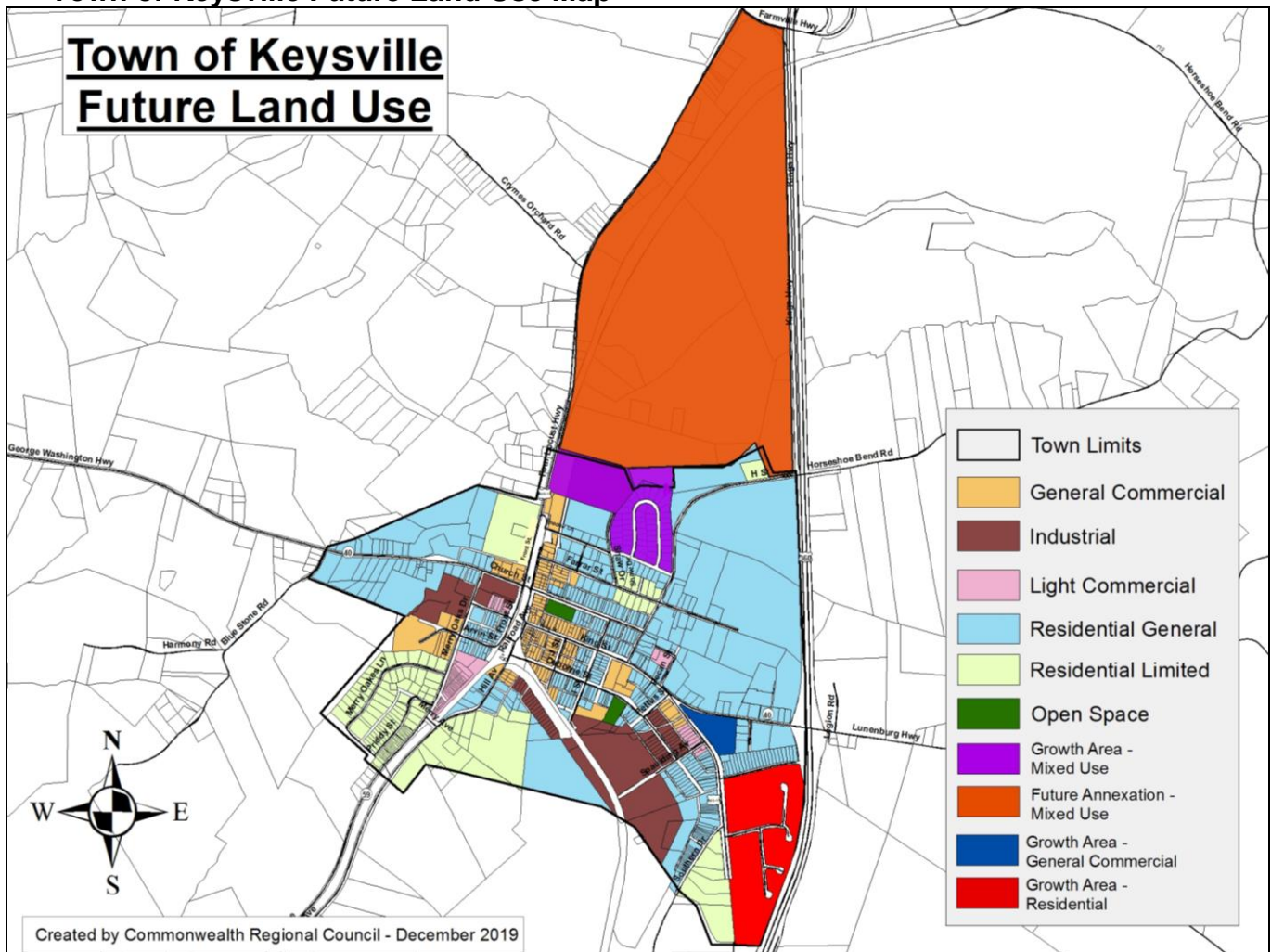
Source: Charlotte County Planning and Zoning



## Town of Drakes Branch Future Land Use Map

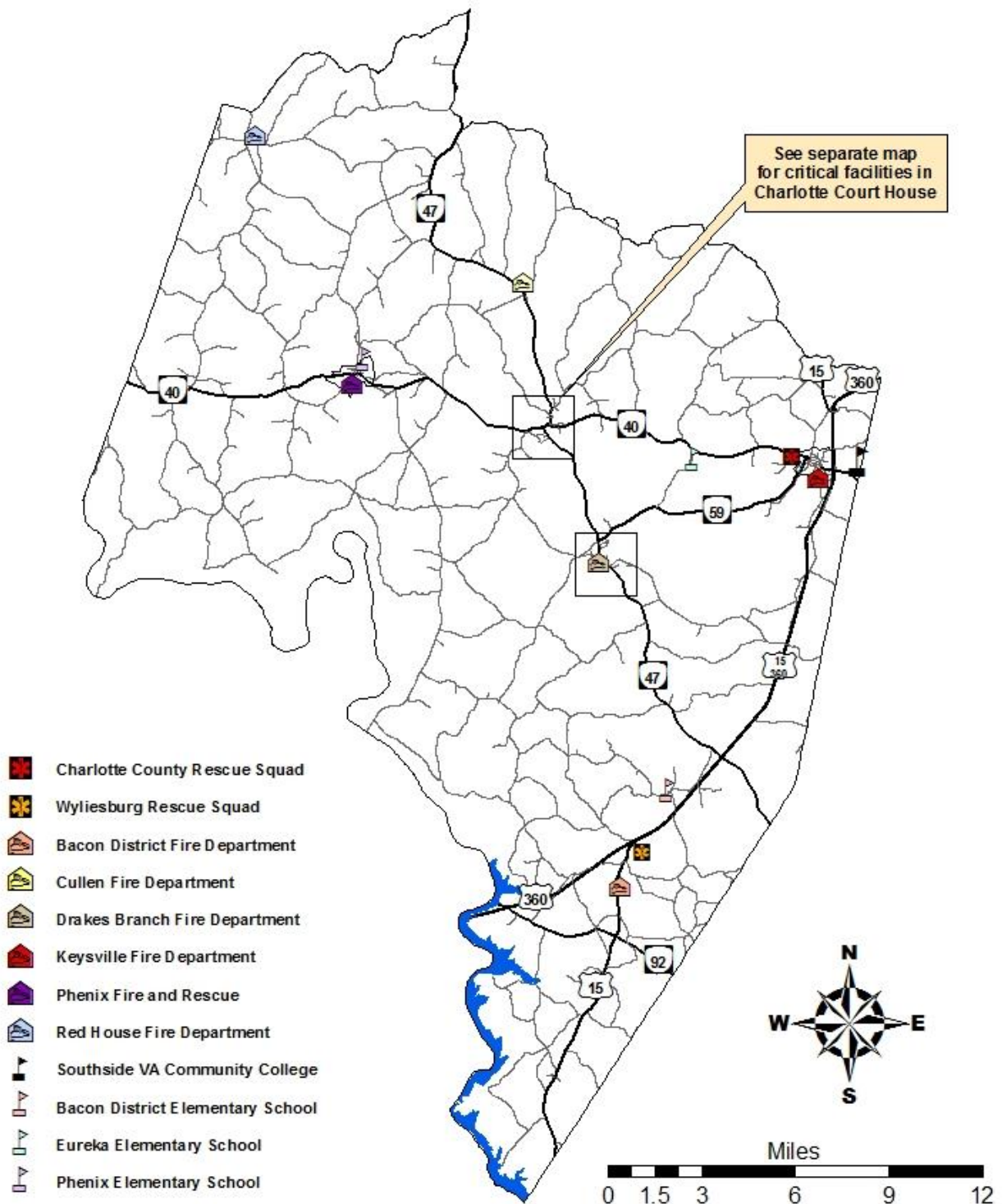


## Town of Keysville Future Land Use Map



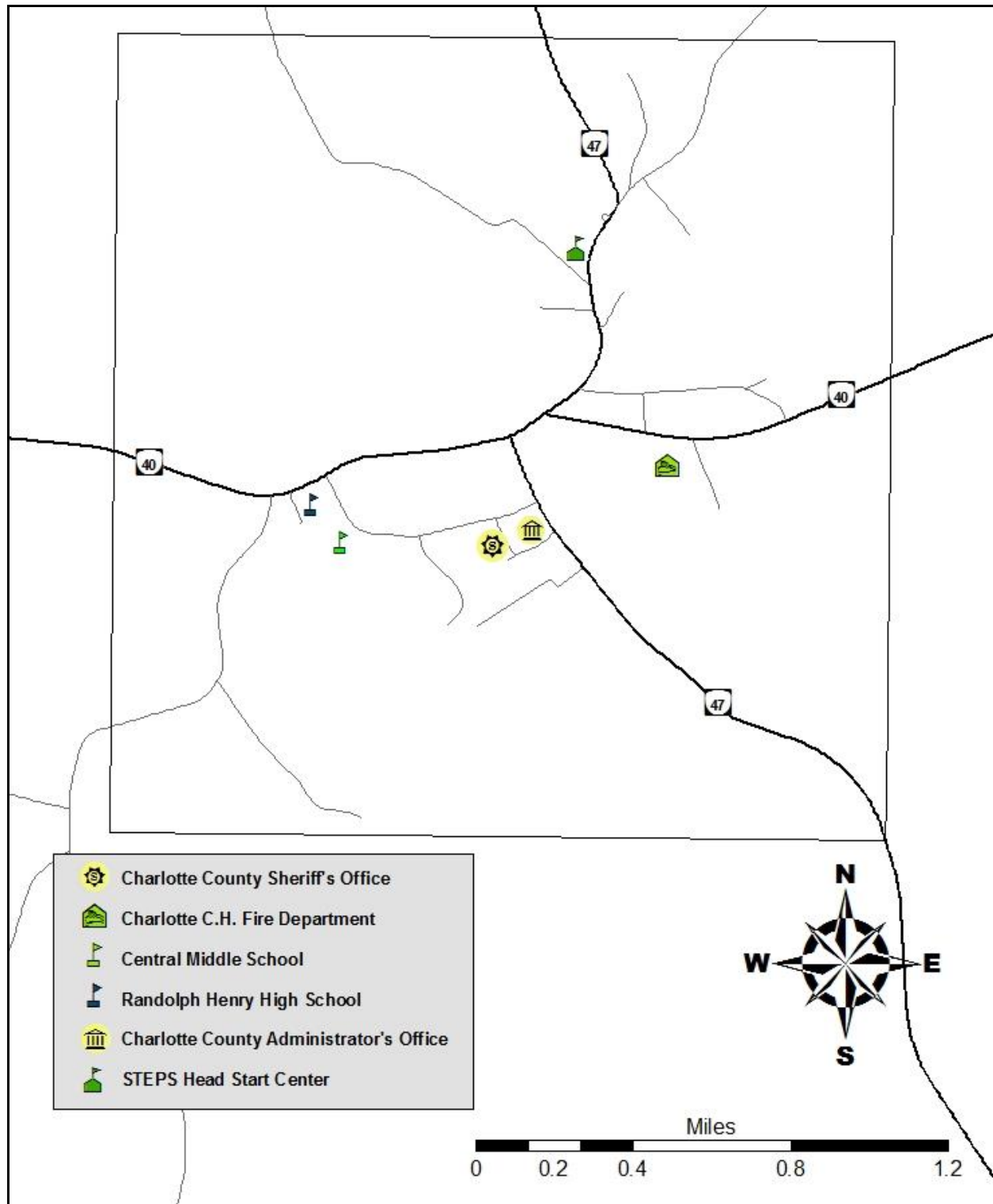
**NOTE:** Drakes Branch and Keysville are the only Towns in Charlotte County for which we have a separate future land use map.

## Charlotte County Critical Facilities Map



Map created by CRC – February 2011 (updated June 2016)  
Source: Charlotte County Planning and Zoning

## Charlotte County Critical Facilities – Area Around Charlotte Court House



Map created by CRC – June 2016  
Source: Charlotte County Planning and Zoning

## NFIP Survey Results

### Charlotte County

The County was asked to review its previous responses to this survey as part of the Plan update process. County staff advised that there are no changes.

#### NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

MUNICIPALITY: CHARLOTTE COUNTY

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
Requirement	Recommended Action	Yes/No	Comments
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.	FIRM - Yes FIS - No	Flood Insurance Rate Maps are available at the Charlotte County Administration Office.
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	No	
c. Does the municipality support request for map updates?	If yes, state how.	Yes	The county responds to requests for information received from FEMA. There have been no community requests for map updates or revisions.
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.	No	
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	Yes	When contacted by citizens regarding floodplain determinations, we provide information about on-line resources & will assist them with reviewing the maps when requested. However, we do not provide any type of official determination or certification.
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	Yes	The County Administration Office would maintain a record of such letters, if any were issued.



2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.	No	
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHAs)?	If yes, specify the office responsible.		
(2) Does the municipality obtain, review, and utilize any Base Flood Elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.		
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.		
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.		
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.		

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: <ul style="list-style-type: none"> <li>Participation in the Community Rating System</li> <li>Prohibition of production or storage of chemicals in SFHA</li> <li>Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA</li> <li>Prohibition of certain types of residential housing (manufactured homes) in SFHA</li> <li>Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA</li> </ul>	If yes, specify activities.	No	

3. FLOOD INSURANCE			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	No	
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.	No	
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	No	

## Town of Charlotte Court House

The Town was asked to review its previous responses to this survey as part of the Plan update process. Town staff and officials advised that there are no changes.

## NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

**MUNICIPALITY: TOWN OF CHARLOTTE COURT HOUSE**

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.	NO	THE TOWN OF CHARLOTTE COURT HOUSE WAS DETERMINED TO BE A NON-FLOODPRONE COMMUNITY
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	NO	
c. Does the municipality support request for map updates?	If yes, state how.	NO	
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.	NO	
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	NO	
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	NO	

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.	NO	THE TOWN OF CHARLOTTE COURT HOUSE WAS DETERMINED TO BE A NON-FLOODPRONE COMMUNITY
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHAs)?	If yes, specify the office responsible.		
(2) Does the municipality obtain, review, and utilize any Base Flood Elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.		
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.		
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.		
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.	NO	

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: <ul style="list-style-type: none"> <li>• Participation in the Community Rating System</li> <li>• Prohibition of production or storage of chemicals in SFHA</li> <li>• Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA</li> <li>• Prohibition of certain types of residential housing (manufactured homes) in SFHA</li> <li>• Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA</li> </ul>	If yes, specify activities.	NO	IN 2009 THE TOWN COUNCIL PASSED A "RESOLUTION TO ADOPT CERTAIN MEASURES TO JOIN THE NATIONAL FLOOD INSURANCE PROGRAM FOR A NON-FLOODPRONE COMMUNITY."  NO FURTHER ACTIVITIES HAVE BEEN UNDERTAKEN.

3. FLOOD INSURANCE			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	NO	
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.	NO	
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	NO	

## Town of Drakes Branch

The Town was asked to review its previous responses to this survey as part of the Plan update process. Town staff and officials advised that there are no changes.

### NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

MUNICIPALITY: TOWN OF DRAKES BRANCH

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.	yes	Copies available in Town Office
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	yes	2009
c. Does the municipality support request for map updates?	If yes, state how.	no	
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.	no	No revisions have been necessary.
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	yes	Covered by Town zoning ordinance
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	no	

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.	yes	Town Zoning Ordinance includes a section on flood plain development which restricts development in the identified 100-year flood plain
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHAs)?	If yes, specify the office responsible.	no	
(2) Does the municipality obtain, review, and utilize any Base Flood Elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.	no	
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.	no	
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.	no	
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.	yes	Town Office, per ordinance, will maintain records of actions taken to enforce the ordinance

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: <ul style="list-style-type: none"> <li>Participation in the Community Rating System</li> <li>Prohibition of production or storage of chemicals in SFHA</li> <li>Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA</li> <li>Prohibition of certain types of residential housing (manufactured homes) in SFHA</li> <li>Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA</li> </ul>	If yes, specify activities.	no	

3. FLOOD INSURANCE			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	no	
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.	no	
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	no	

## Town of Keysville

The Town was asked to review its previous responses to this survey as part of the Plan update process. Town staff and officials advised that there are no changes.

### NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

MUNICIPALITY: KEYSVILLE, VA

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
Requirement	Recommended Action	Yes/No	Comments
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.	NO	
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	NO	
c. Does the municipality support request for map updates?	If yes, state how.	NO	
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.	NO	
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	NO	
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	NO	

2. FLOODPLAIN MANAGEMENT			
Requirement	Recommended Action	Yes/No	Comments
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.	NO	
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHAs)?	If yes, specify the office responsible.		
(2) Does the municipality obtain, review, and utilize any Base Flood Elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.		
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.		
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.		
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.	NO	



2. FLOODPLAIN MANAGEMENT			
Requirement	Recommended Action	Yes/No	Comments
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: <ul style="list-style-type: none"> <li>• Participation in the Community Rating System</li> <li>• Prohibition of production or storage of chemicals in SFHA</li> <li>• Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA</li> <li>• Prohibition of certain types of residential housing (manufactured homes) in SFHA</li> <li>• Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA</li> </ul>	If yes, specify activities.	NO	

3. FLOOD INSURANCE			
Requirement	Recommended Action	Yes/No	Comments
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	NO	
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.	NO	
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	NO	

## Town of Phenix

The Town was asked to review its previous responses to this survey as part of the Plan update process. Town staff and officials advised that there are no changes.

### NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

MUNICIPALITY: TOWN OF PHENIX

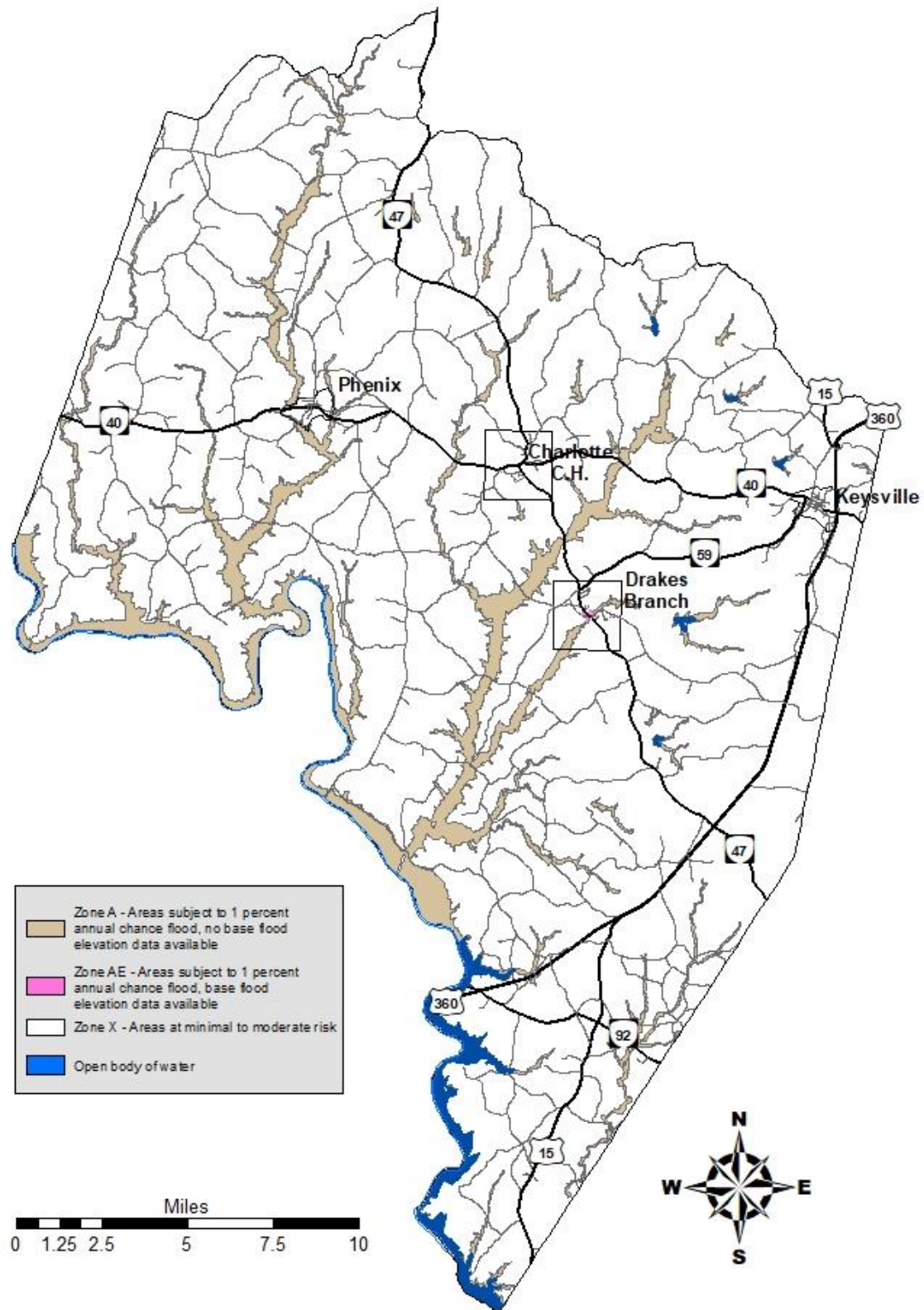
1. FLOODPLAIN IDENTIFICATION AND MAPPING			
Requirement	Recommended Action	Yes/No	Comments
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.	No	
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	No	
c. Does the municipality support request for map updates?	If yes, state how.	No	
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.	No	
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	No	
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	No	

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.	Yes	
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHAs)?	If yes, specify the office responsible.	Yes	Town Office
(2) Does the municipality obtain, review, and utilize any Base Flood Elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.	Yes	Town Office
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.	Yes	Town Office
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.	Yes	Town Office
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.	Yes	The Town Office does this, in conjunction with the County Building Official

2. FLOODPLAIN MANAGEMENT			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: <ul style="list-style-type: none"> <li>Participation in the Community Rating System</li> <li>Prohibition of production or storage of chemicals in SFHA</li> <li>Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA</li> <li>Prohibition of certain types of residential housing (manufactured homes) in SFHA</li> <li>Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA</li> </ul>	If yes, specify activities.	No	

3. FLOOD INSURANCE			
<i>Requirement</i>	<i>Recommended Action</i>	<i>Yes/No</i>	<i>Comments</i>
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	No	
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.	No	
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	No	

## Charlotte County Flood Zone Map



Map created by CRC – July 2022 (source: FEMA)





























