



FEMA

Lower Leaf Watershed Preliminary DFIRM Community Coordination (PDCC) Meeting

August 19th & 20th, 2019

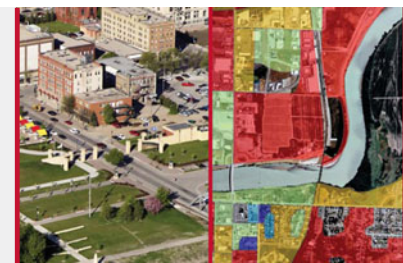


MDEQ



RiskMAP

Increasing Resilience Together



Agenda

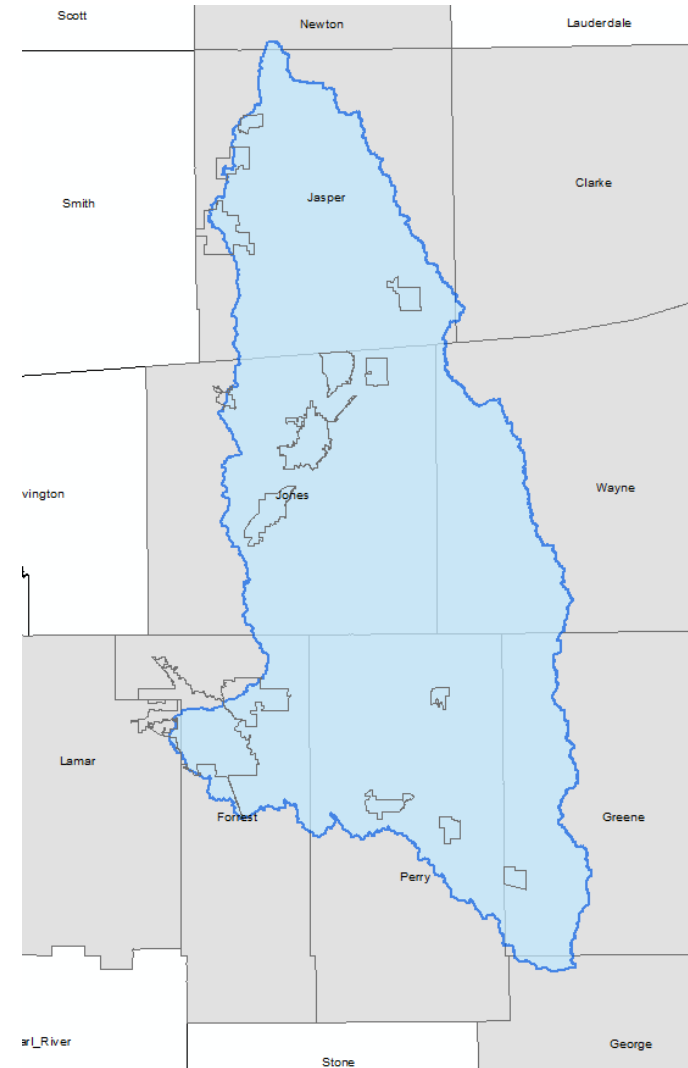
- **Introductions**
- **Study Process and Timeline**
- **Flood Insurance and Risk Communication**
- **Questions and Answers**



Lower Leaf Watershed

The Lower Leaf Watershed contains:

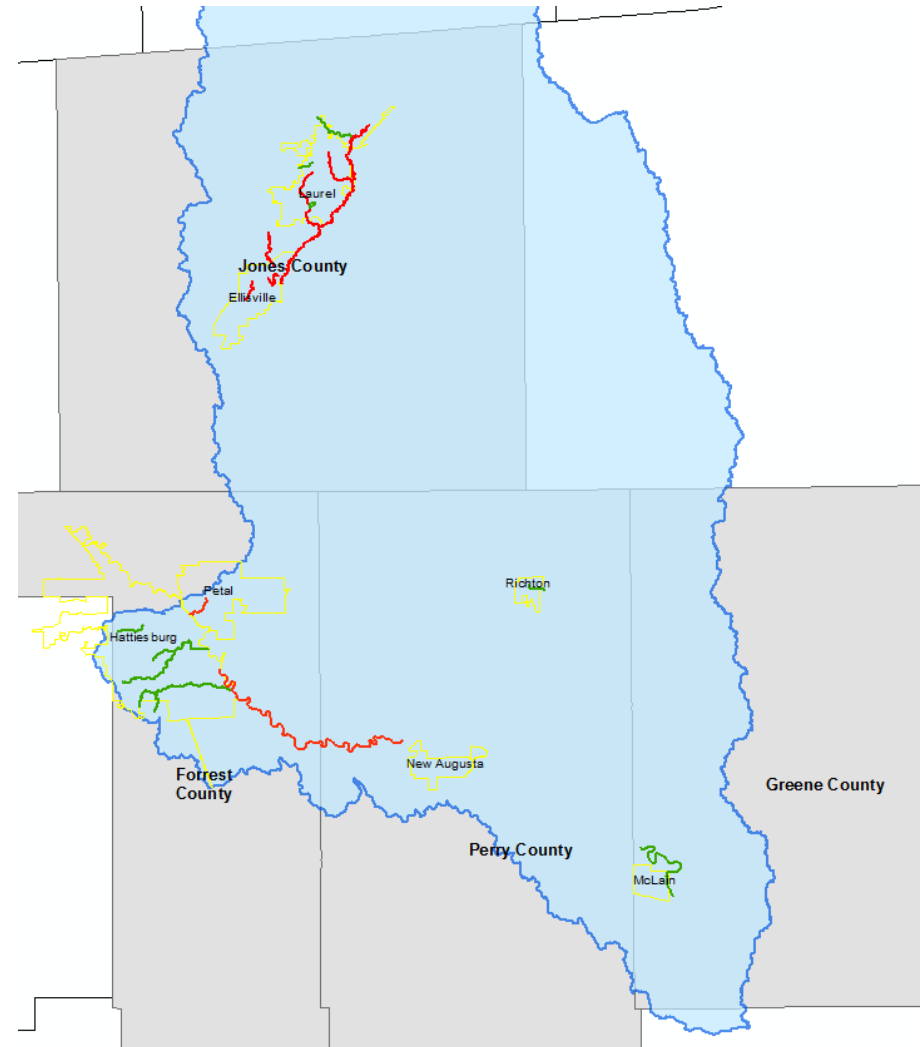
- 10 counties
- 26 communities



Lower Leaf Watershed - Scope

Project Scope of Work includes:

- 4 Counties
- 11 Communities
- 70.9 Stream Miles Studied
 - Limited Detailed – 29.1 Miles
 - Detailed – 41.8 miles



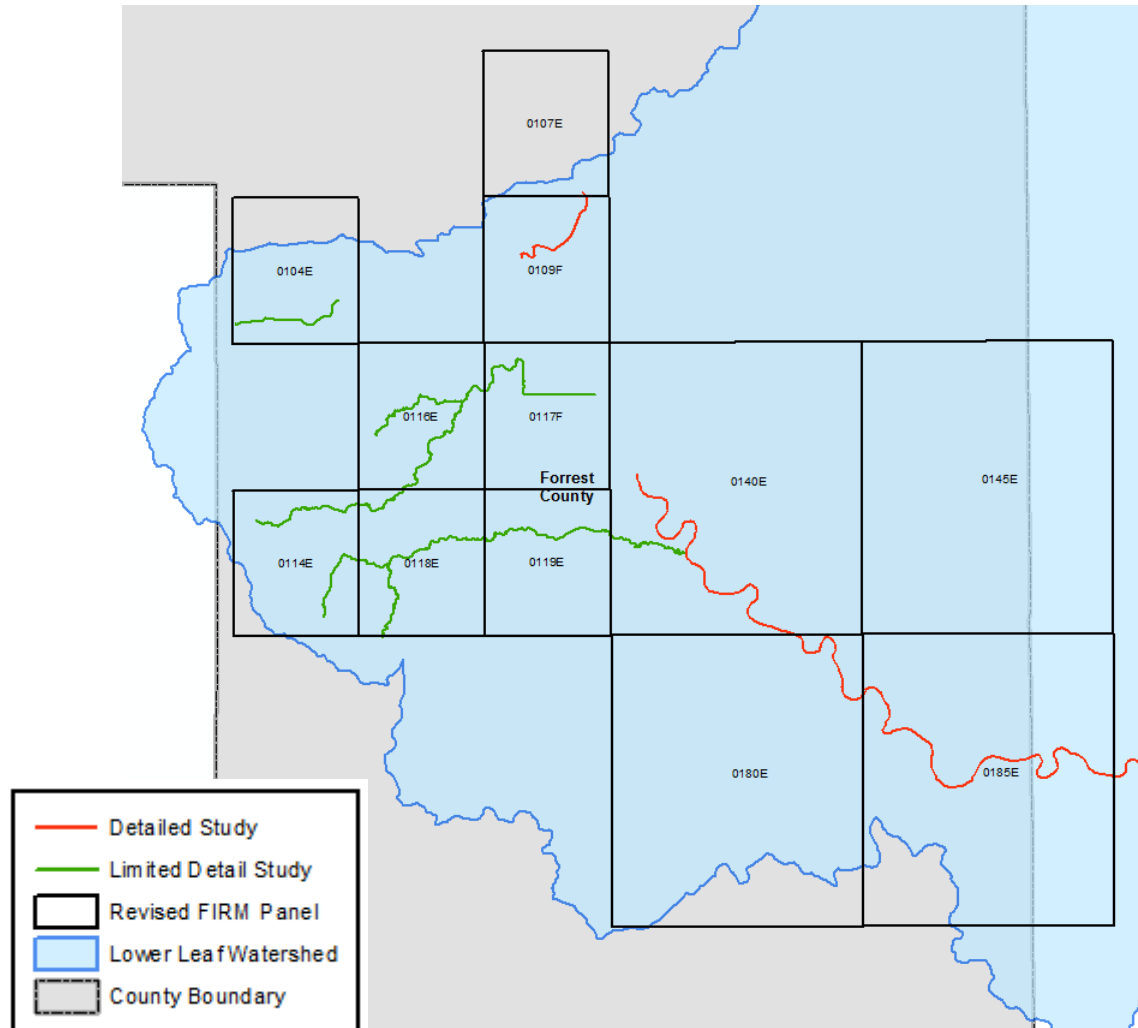
Lower Leaf Watershed Forrest County Scope of Work

7 Streams

- 5 Limited Detail Studies
- 2 Detailed Studies

12 Revised FIRM Panels

Stream Reach	Existing Zone	Proposed Zone	Technical Justification
Burketts Creek	A	AE	BFE's strongly desired by the city
Burketts Creek Tributary 1	A	AE	BFE's strongly desired by the city
Gordons Creek Tributary	AE w/Floodway	AE w/Floodway	Unverified per CNMS
Leaf River	A	AE w/Floodway	Tie-in to upstream AE w/Floodway
Priests Creek	A	AE	BFE's strongly desired by the city
Priests Creek Tributary 1	A	AE	BFE's strongly desired by the city
Unnamed Tributary 1	AE w/Floodway	AE w/Floodway	Unverified per CNMS

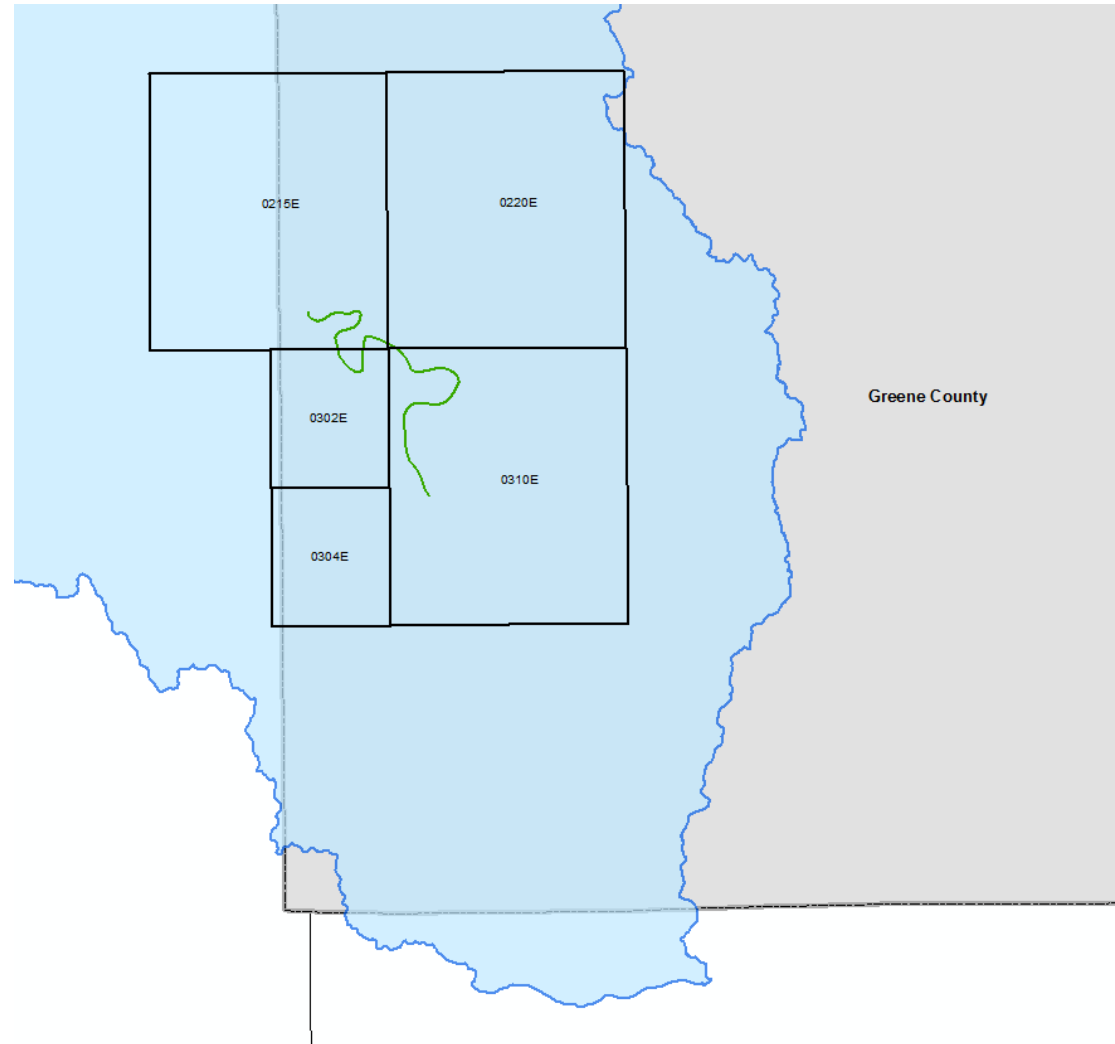







Lower Leaf Watershed Greene County Scope of Work

1 Stream

- 1 Limited Detail Study
- 5 Revised FIRM Panels

<u>Stream Reach</u>	<u>Existing Zone</u>	<u>Proposed Zone</u>	<u>Technical Justification</u>
Leaf River	AE	AE w/Floodway	Unverified per CNMS, Resolve SFHA discrepancy between Perry and Greene Counties



	Detailed Study
	Limited Detail Study
	Revised FIRM Panel
	Lower Leaf Watershed
	County Boundary

Lower Leaf Watershed Jones County Scope of Work

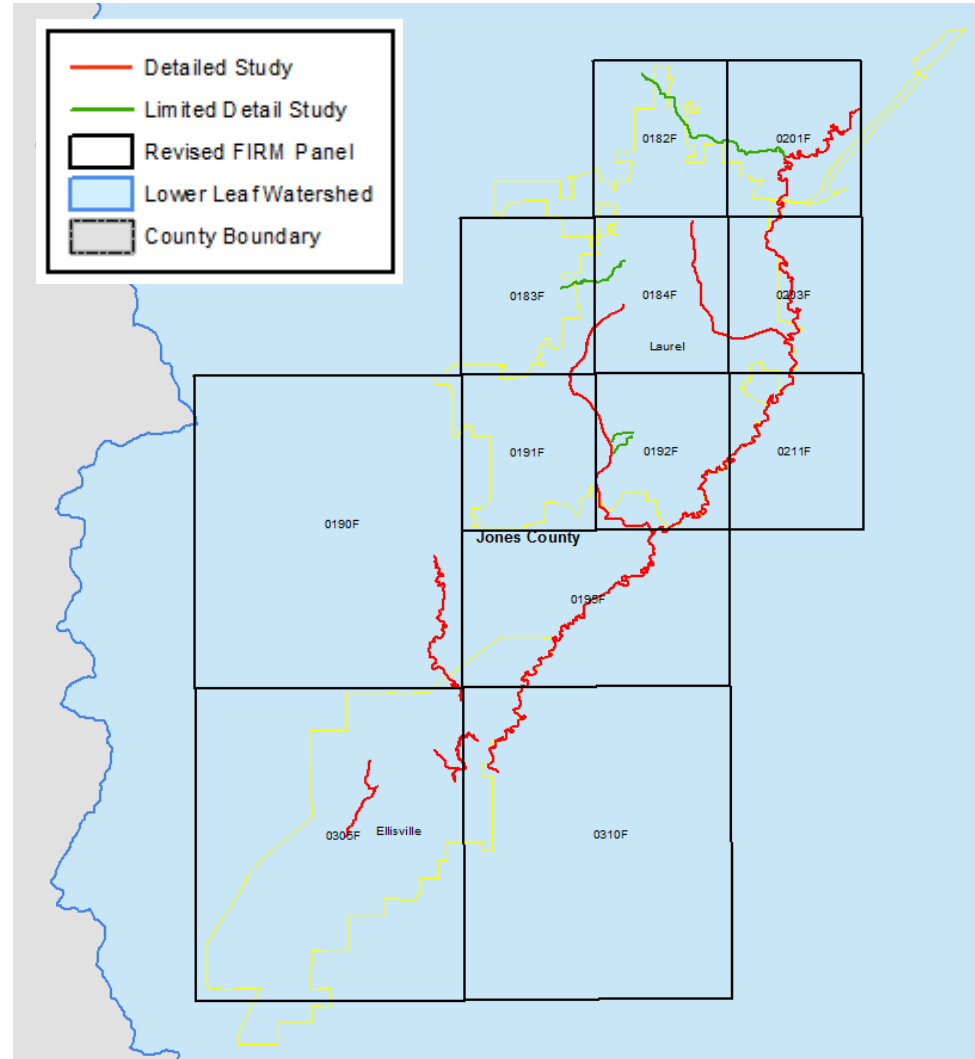
Project Scope of Work includes:

12 Streams

- 4 Limited Detail Studies
- 8 Detailed Studies

12 Revised FIRM Panels

Stream Reach	Existing Zone	Proposed Zone	Technical Justification
Bee Branch	A	AE	Unverified study, developing area, wide floodplain, improved topographic data.
Bulldog Branch	AE	AE	To correct an effective error (shows entire reach as backwater)
Country Club Tributary 1	AE	AE w/Floodway	Unverified per CNMS
Gardiner Park Tributary	AE	AE w/Floodway	Unverified per CNMS
Rocky Creek Tributary 2	AE	AE w/Floodway	Unverified per CNMS
Rocky Creek Tributary 3	AE	AE w/Floodway	Unverified per CNMS
Tallahala Creek	A/AE	AE w/Floodway	Unverified per CNMS
Tallahoma Creek	A	AE w/Floodway	Tie-in to upstream AE Zone (w/Floodway)
Tallahoma Creek Tributary 1	AE	AE w/Floodway	Unverified per CNMS
Tallahoma Creek Tributary 2	AE	AE w/Floodway	Unverified per CNMS



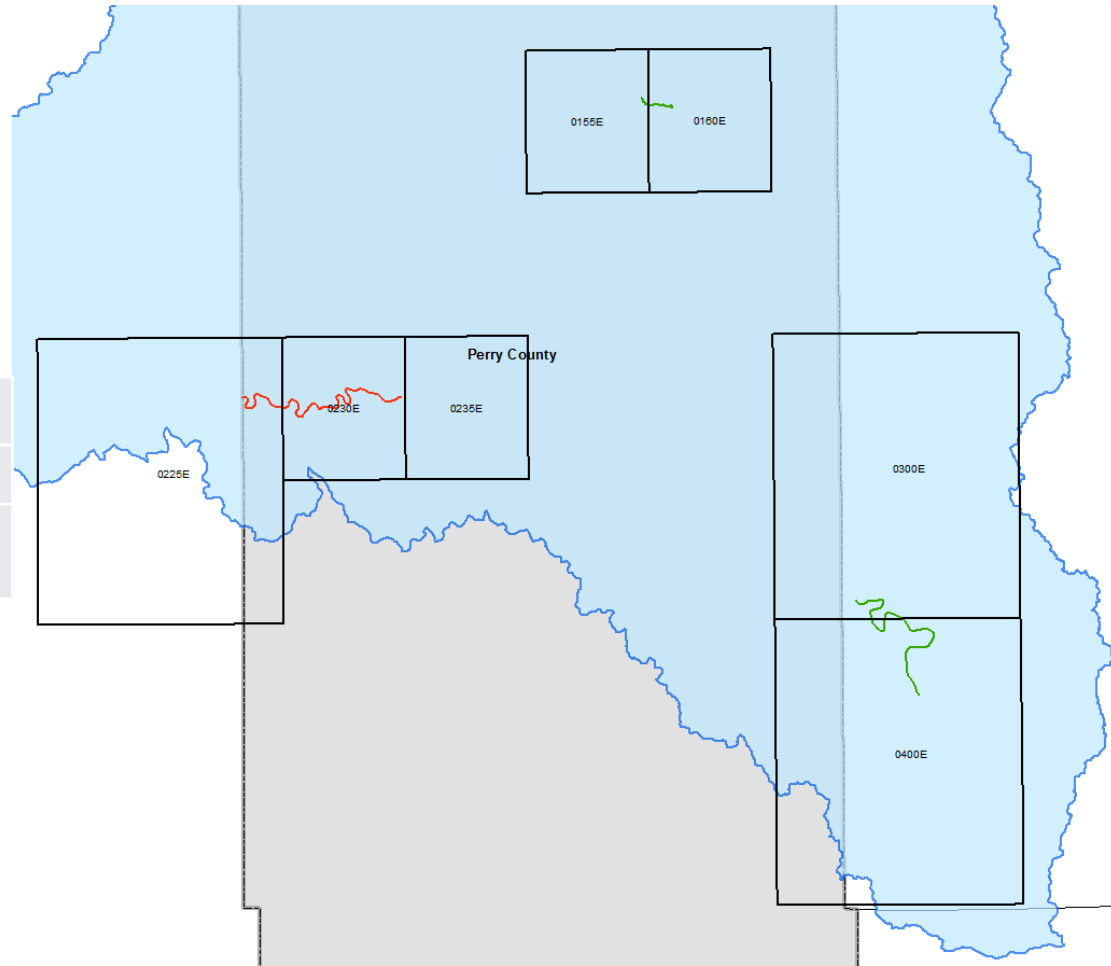
Lower Leaf Watershed Perry County Scope of Work

Project Scope of Work includes:

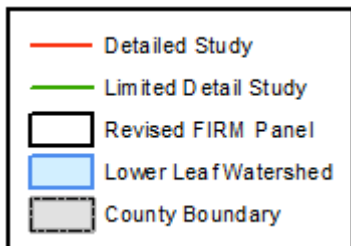
3 Streams

- 2 Limited Detail Studies
- 1 Detailed Study

7 Revised FIRM Panels



Stream Reach	Existing Zone	Proposed Zone	Technical Justification
Thompson Creek Tributary	A	AE	BFE's desired by the city
Leaf River	A	AE	Tie-in to upstream AE (w/Floodway)



Post Preliminary Processing Schedule

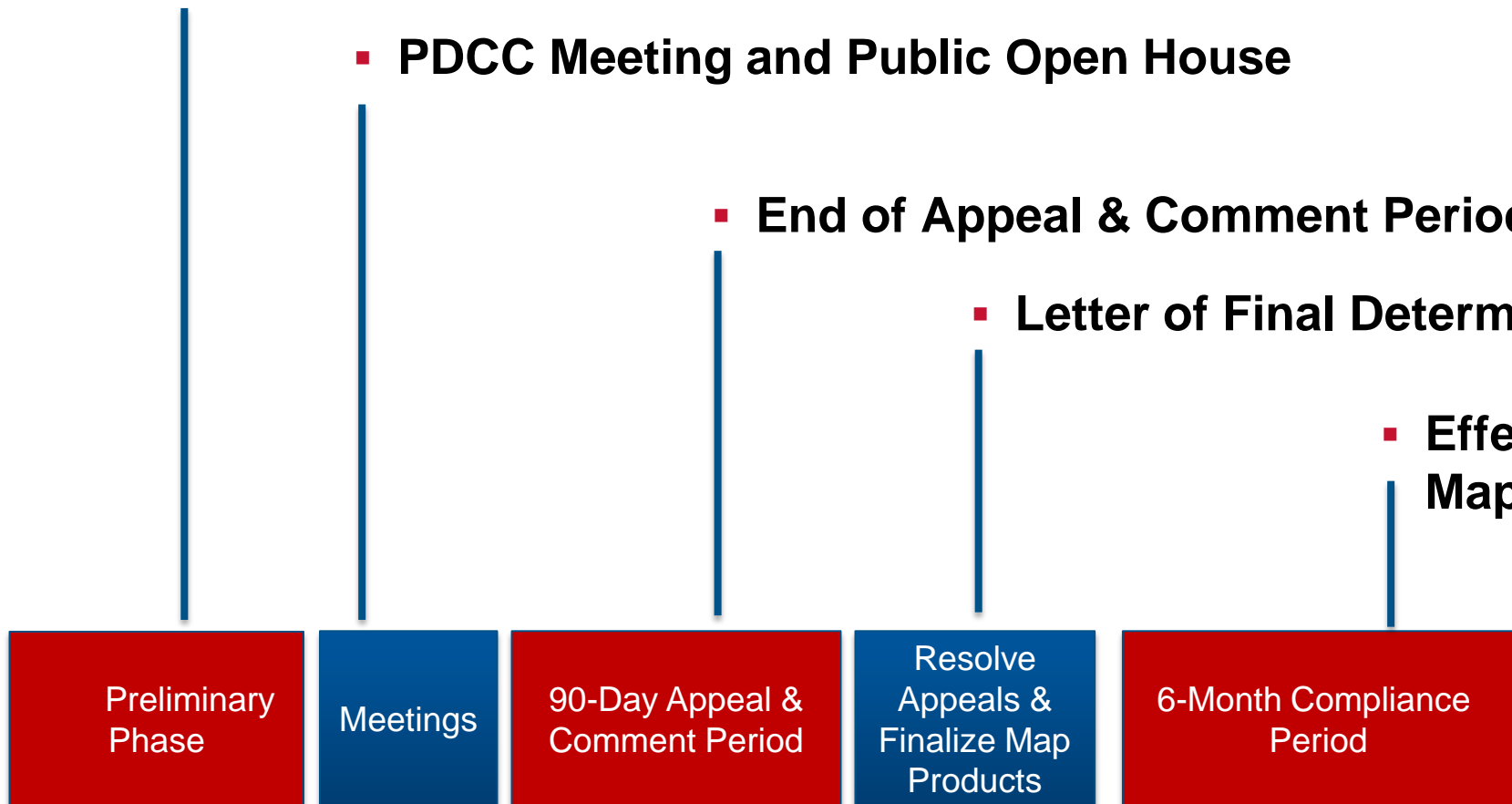
- **Preliminary Maps Issued**

- **PDCC Meeting and Public Open House**

- **End of Appeal & Comment Period**

- **Letter of Final Determination**

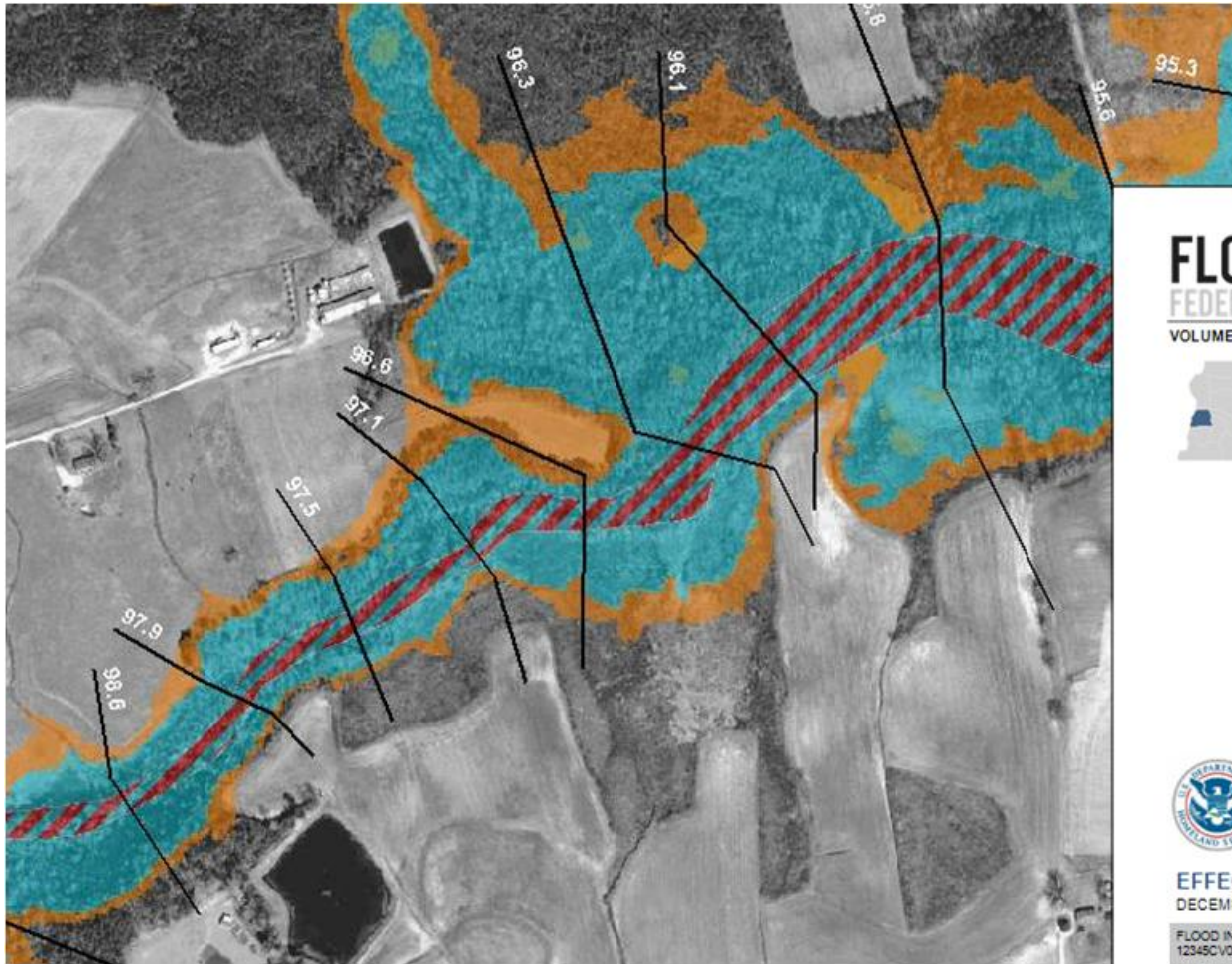
- **Effective Maps**



Preliminary Maps Issued

- **June 28, 2019**
- **A Preliminary Map Package was sent to each community that included:**
 - Flood Insurance Rate Maps (FIRMs)
 - County Index Panel
 - Flood Insurance Study (FIS) Report
 - Summary of Map Actions (SOMA)
 - Digital Data via the FEMA Map Service Center

Updated Regulatory Products



FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 1 OF 2

FLOOD COUNTY, USA AND INCORPORATED AREAS



COMMUNITY NAME	COMMUNITY NUMBER
CITY OF COASTLAND	123456
FLOOD COUNTY UNINCORPORATED AREAS	123457
TOWN OF FLOODVILLE	123458
CITY OF METROPOUS	123459
VILLAGE OF UPLAND*	123460

*No Special Flood Hazard Areas Identified



FEMA

EFFECTIVE:
DECEMBER 31, 2011

FLOOD INSURANCE STUDY NUMBER
12345C1000X

Version Number: 1.0.0.0

Appeal Period

- **The Lower Leaf Watershed will have a 90-day appeal period for all changes to Special Flood Hazard Areas (SFHA).**
 - **SFHA changes will be published in the Federal Register**
 - **SFHA changes will be published in your local newspaper, twice within a 10-day period**
 - **The day of the second newspaper publication will begin the 90-day appeal period**

Appeals are for all SFHA changes

What is an Appeal?

- **The new or revised Base Flood Elevations (BFEs) are believed to be scientifically or technically incorrect**
- **The BFEs are scientifically incorrect if:**
 - The methodology used and assumptions made in the determination of the BFEs is inappropriate or incorrect
- **The BFEs are technically incorrect if:**
 - The methodology was not applied correctly or was based on insufficient or poor-quality data.
 - The methodology did not account for the effects of physical changes that have occurred in the floodplain.

Data Submission

- Explanation for alternative methodology
- Hydrologic Analysis
- Hydraulic Analysis
- Revised Flood Profiles
- Revised Floodplain and Floodway Boundary delineations

Comment Period

- **The Lower Leaf Watershed will also have a comment period.**
- **Comments do not involve BFEs.**
- **Comments include, but are not limited to, the following:**
 - **Stream Names and Locations**
 - **Road Names and Locations**
 - **Corporate Limit Changes**

All other changes are considered Comments

Process

- **After the 90-day appeal period has elapsed FEMA:**
 - By a letter to the CEO, will acknowledge receipt of all appeals submitted.
 - Will review all appeals and the supporting data submitted with the appeal.
 - If additional supporting data is required, will be request by letter.
 - If appeals are not supported by data, will inform the CEO by letter that the appeals are denied.

Process

- If appeals are adequately supported, will revise the BFEs and any other information affected by the appeals.
- Will revise the FIRM if necessary.
- A letter that explains the resolution of the appeals will be sent to the CEO.
- The community will have 30 days to review and comment on the resolution.
- FEMA will issue a final BFE determination letter.

Appeal and Comment Period

- **Please direct your comments to your local floodplain administrator. Your local floodplain administrator can submit all appeals and comments to:**

Zach Adams

Waggoner Engineering, Inc.

143-A LeFleurs Square

Jackson, MS 39211

We will not move forward until your appeals and comments are resolved.

Letter of Final Determination

- After the 90-day appeal period and all appeals and comments have been resolved, FEMA will issue a **Letter of Final Determination (LFD)**
- Along with the LFD, the Final **Summary of Map Actions (SOMA)** will be sent, informing the community of Letters of Map Change that will be revalidated or superseded
- The LFD begins a 6-month **Compliance Period**, during which the community will adopt the new maps into their floodplain ordinance

Compliance Period

- MEMA will assist you with updating your floodplain ordinance to show your community's ordinance is NFIP compliant.
- If we do not receive the updated ordinance before the effective date, the community will be suspended from the NFIP.....
 - **Please** begin the ordinance review process as soon as you receive the LFD!

Effective Maps

- **After the Compliance Period ends, communities will receive:**
 - Paper copies of the effective Flood Insurance Rate Maps and Flood Insurance Study Report, as well as digital data
 - A Revalidation Letter, informing the community of all Letters of Map Change that have been revalidated on the new maps

Schedule

Preliminary Maps Issued – June 28, 2019



PDCC Meeting and Public Open House – August 19/20, 2019



Appeal / Comment Period – January 2020 – April 2020*



Letter of Final Determination Issued – August 2020*



Community Compliance Period – August 2020 – February 2021*



Effective Maps – February 2021*

*estimated time

Opportunities to Update the Maps

- **A Flood Insurance Study Update is NOT the only time that your maps can be updated.**
 - Letter of Map Amendment (LOMA), MT-1 Form
 - Letter of Map Revision - Fill (LOMR-F), MT-1 Form
 - Letter of Map Revision (LOMR), MT-2 Form

Letter of Map Change (MT-1)

- Provides an administrative procedure where by FEMA will review information submitted by an owner of property who believes that his or her property has been inadvertently included in a designated special flood hazard area.

- Download MT-1 Forms at:

<https://www.fema.gov/national-flood-insurance-program-flood-hazard-mapping/mt-1-application-forms-instructions>

Letter of Map Revision (MT-2)

- Applicable any time better data is available
- Based on the changes to the hydrologic or hydraulic characteristics of a flooding source, that results in the modification of the Base Flood Elevations, floodway, and/or the Special Flood Hazard Area.
- Is a modification to an effective Flood Insurance Rate Map. The LOMR officially revises the Flood Insurance Rate Map.
- Download Forms at:

<https://www.fema.gov/national-flood-insurance-program-flood-hazard-mapping/mt-2-application-forms-and-instructions>

Risk and Flood Insurance

Determine your flood risk

- Nearly everyone is at risk of flooding
- High Risk – Special Flood Hazard Area (SFHA), identified as Zone A, Zone AE, V or VE on flood maps
- Moderate Risk – Identified as shaded Zone X on flood maps
- Low Risk – Identified as unshaded Zone X areas on flood maps

Risk and Flood Insurance

Requirements in a High-Risk Zone

- Mortgagees with structures in a SFHA are required to purchase and maintain flood insurance as a condition of federally-regulated mortgages



Risk Communication

- **Citizens look to local officials to keep them informed of flood risk**
- **Regular communication is important regarding:**
 - Flood hazard and risk information
 - Steps citizens can take to protect their families and property



State of Mississippi Assistance



Steve Champlin, RPG
MS Dept. of Environmental Quality
P.O. Box 2279
Jackson, MS 39225
601.961.5506
Stephen_Champlin@deq.state.ms.us



Stacey Ricks, CFM
MEMA
P.O. Box 5644
Pearl, MS 39208
601.933.6610
sricks@mema.ms.gov

Resources

MDEQ MAP VIEWER

<https://geology.deq.ms.gov/floodmaps/Viewer/>

MDEQ FLOOD MAPPING STATUS

<https://geology.deq.ms.gov/floodmaps/status.htm>

FEMA MAP SERVICE CENTER

<https://msc.fema.gov/portal/advanceSearch>

Questions and Answers



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Jackson, MS 39211

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