

Watershed Basics for Floyds Fork

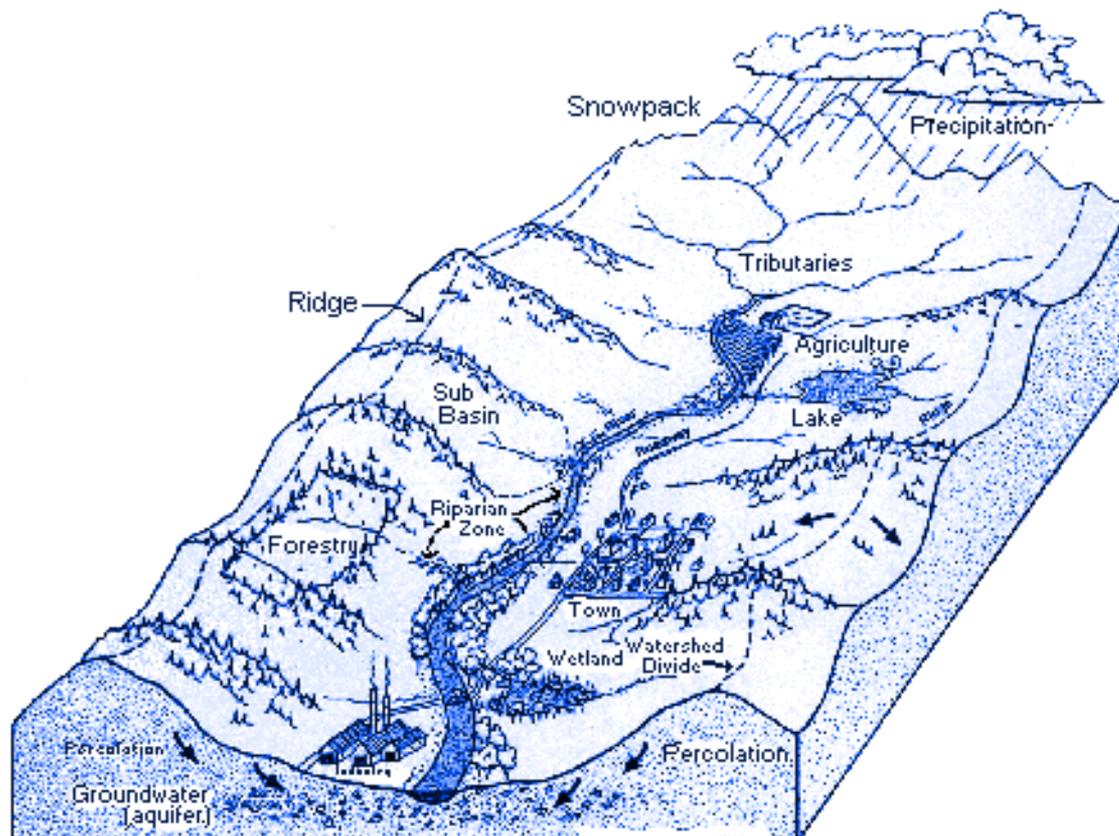


To Protect and Enhance Kentucky's Environment

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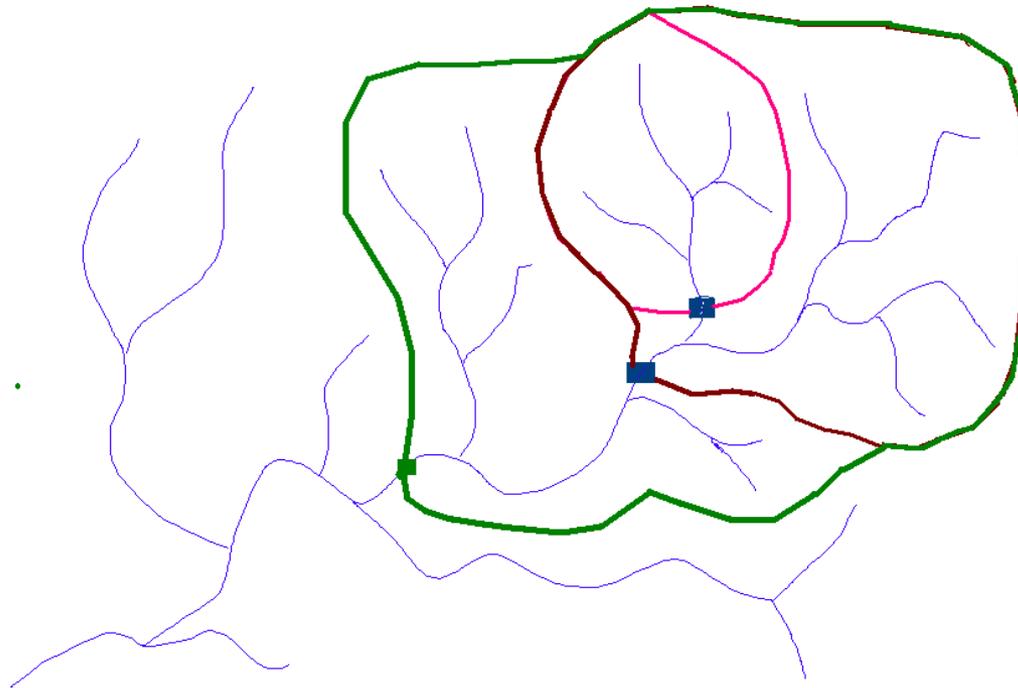
Agenda

- Watershed Basics
- TMDL Basics
- Introduction to the Stakeholder Engagement process
- Nutrient Target Development Process
- Questions
- Break
- Model
- Questions

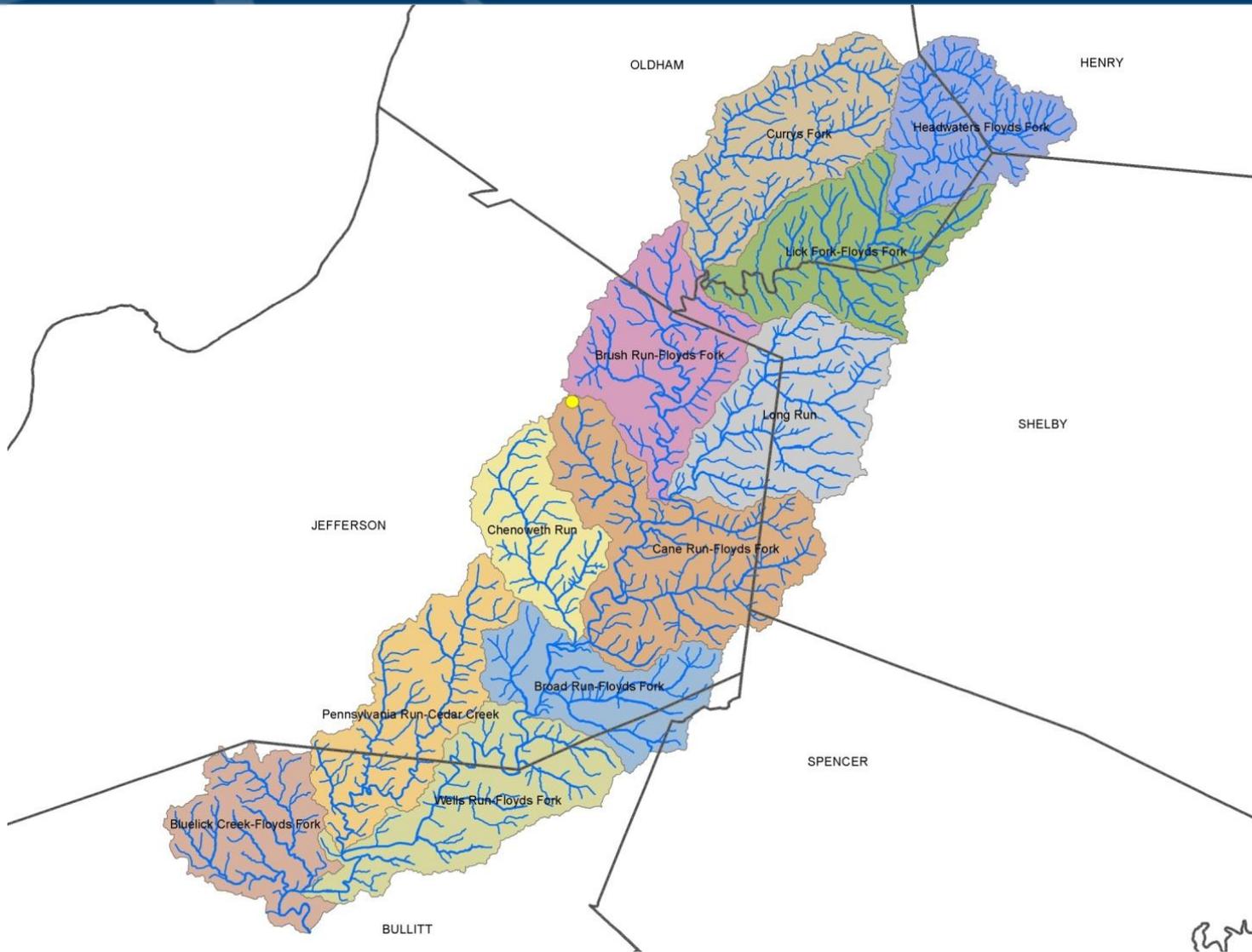


What is a watershed?

A watershed is the land in an area where all of the water running off that land and soaking into that land drains to a specific point in a stream



Watersheds are “nested” - each smaller watershed is also part of a larger watershed – so the runoff pollution is also combined from many smaller watersheds into larger watersheds



Nonpoint Source

- As water from rain and snow melt runs off the land into streams, it carries anything on the ground with it. This pollution entering the stream is called runoff pollution, or nonpoint source pollution.
- If it is on the ground, it is in our water.



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Point Source

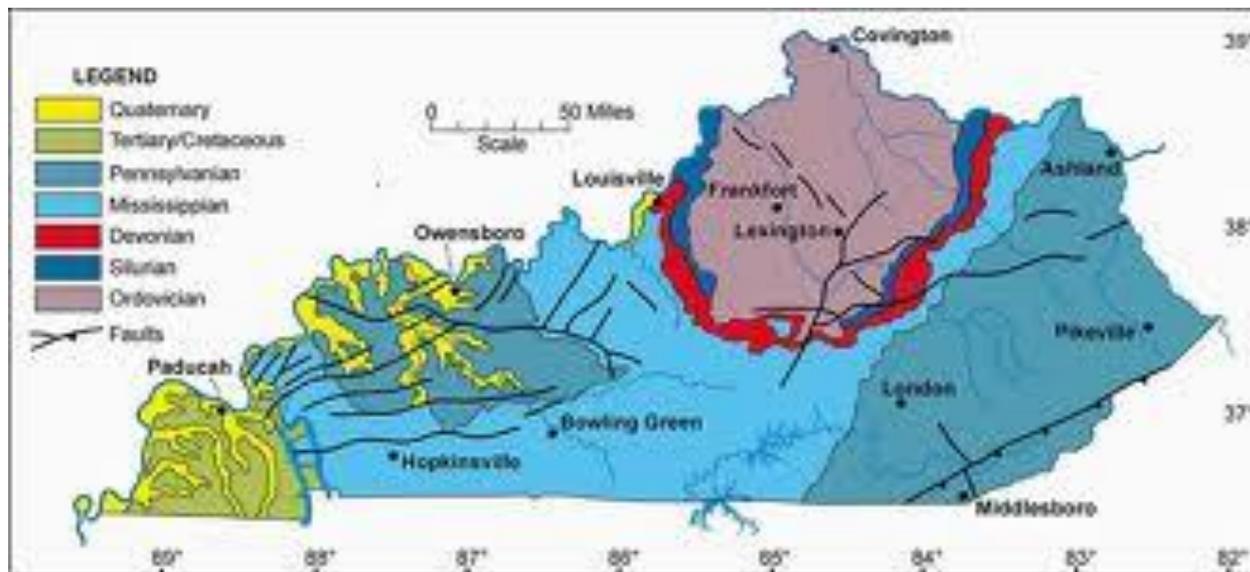
- Any discernible, confined, and discrete conveyance, including but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, landfill leachate collection system, vessel or other floating craft from which pollutants are or may be discharged. This term does not include return flows from irrigated agriculture or storm water runoff.
- Somewhere you can point to the discharge and know where it originated.
- Point Sources are regulated by permits.





Natural background

- If it is on the ground, it is in our water.
- If it is in the ground, it is in our water



Why TMDLs are developed

- Regulatory Requirement
- Current status – Everything we know scientifically
- Next presentation

Stakeholders

- People or groups of people who have an interest in the watershed.
- Input reality



Questions and Future Involvement

- Email Questions to FloydsFork@ky.gov or FloydsFork@epa.gov
- Call Kentucky Division of Water at 502-564-3410 and ask for Brooke Shireman
- Like us on Facebook! Search for Floyds Fork and look for the Government Organization.

