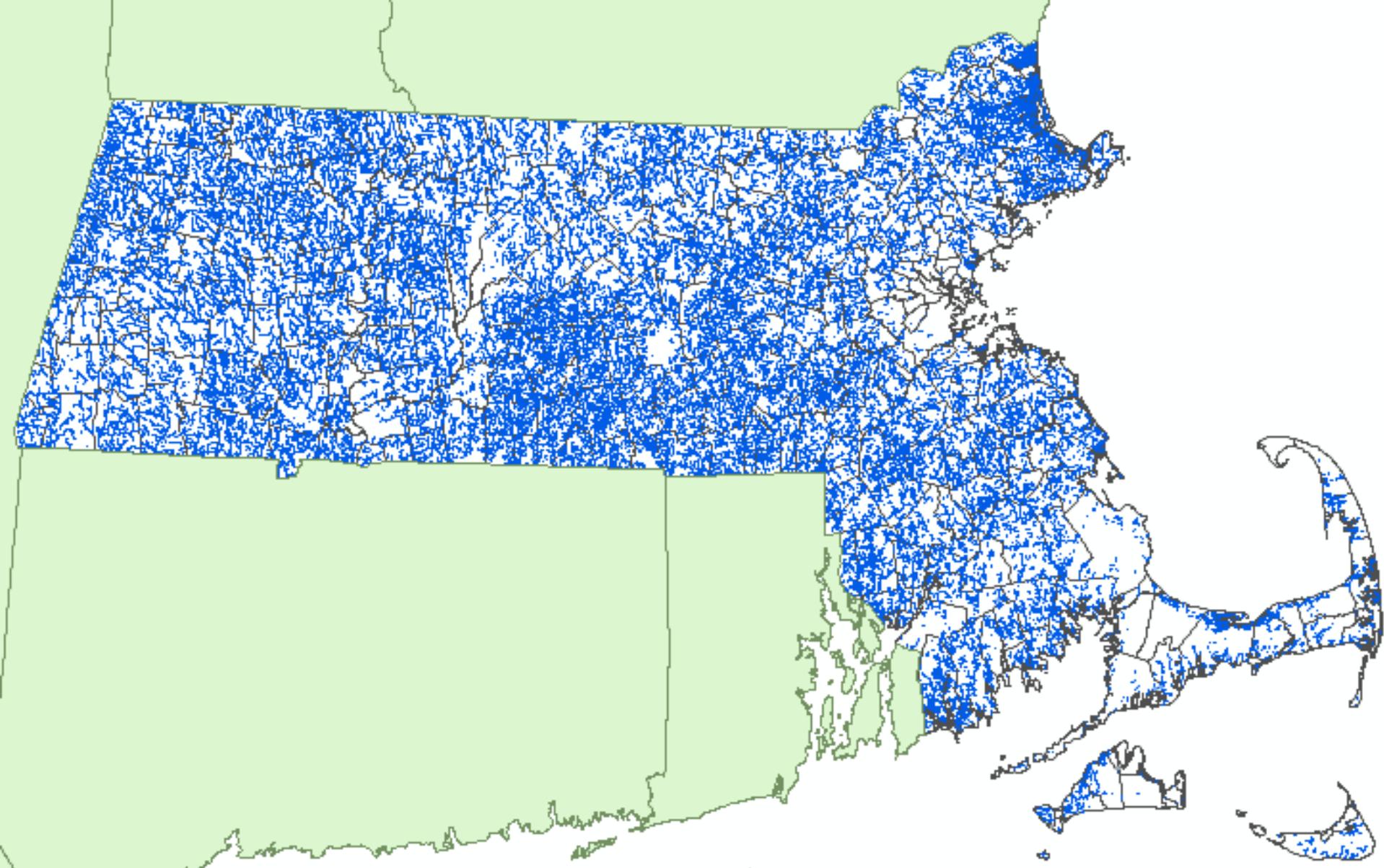
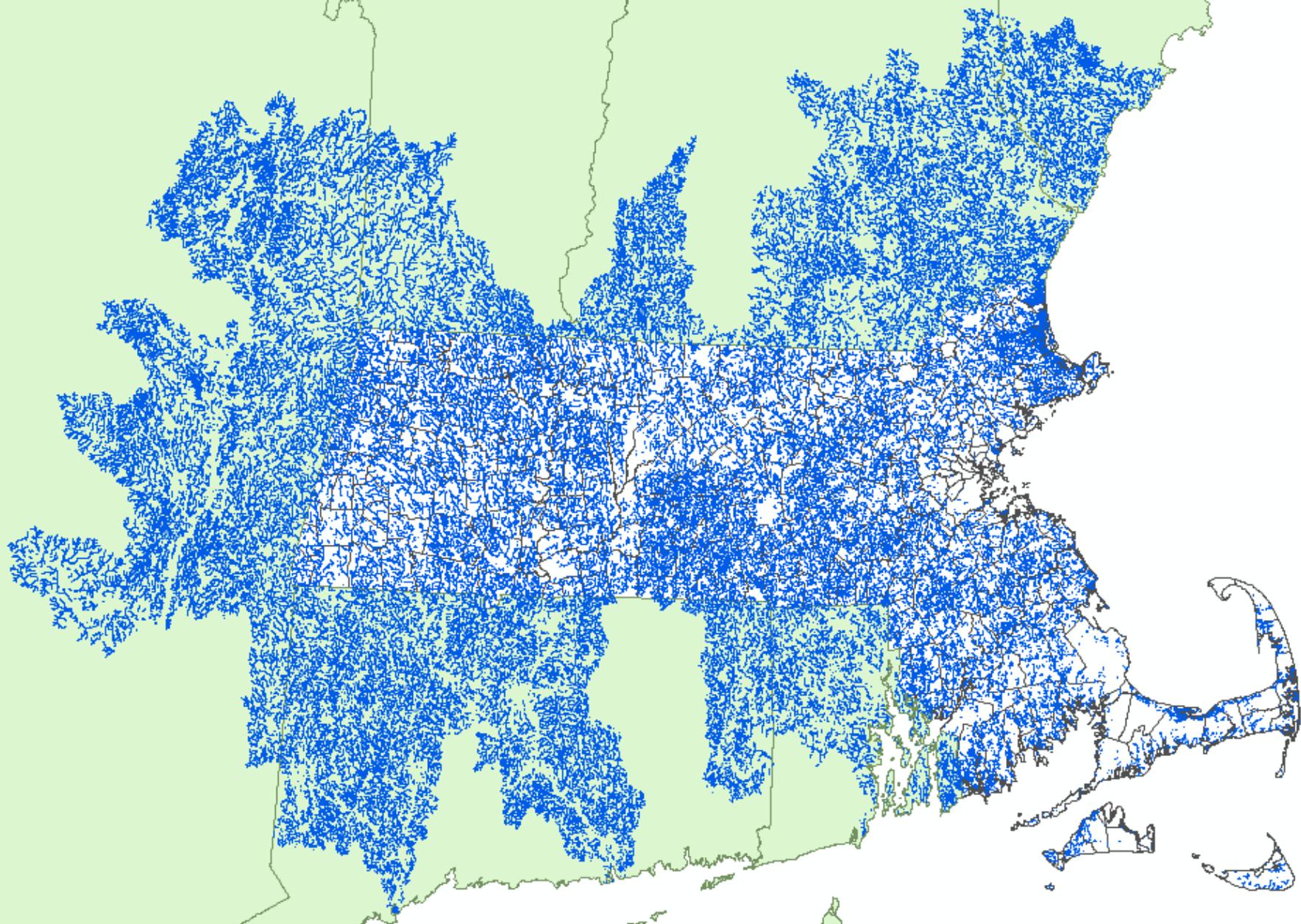


The National Hydrologic Dataset

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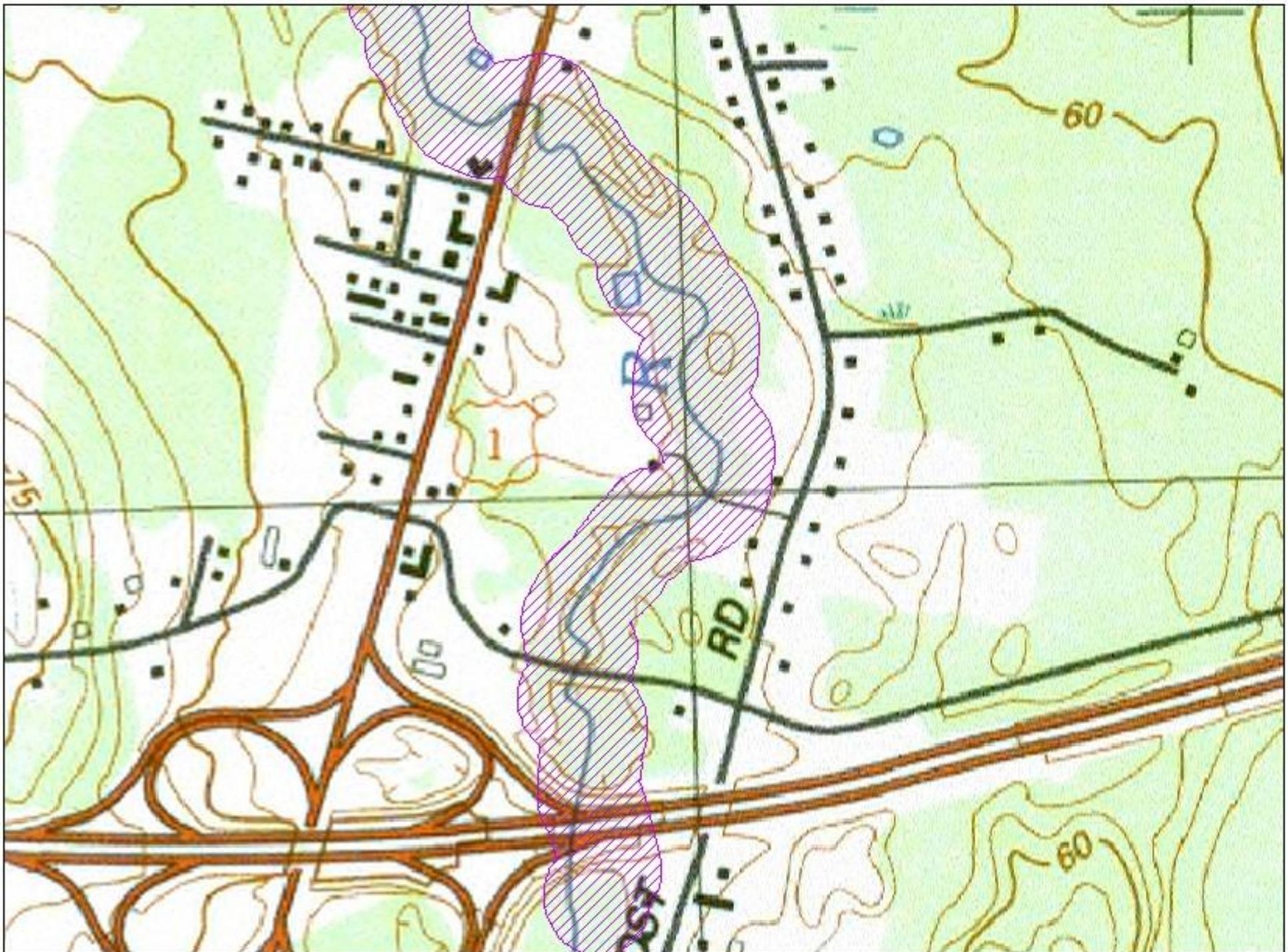


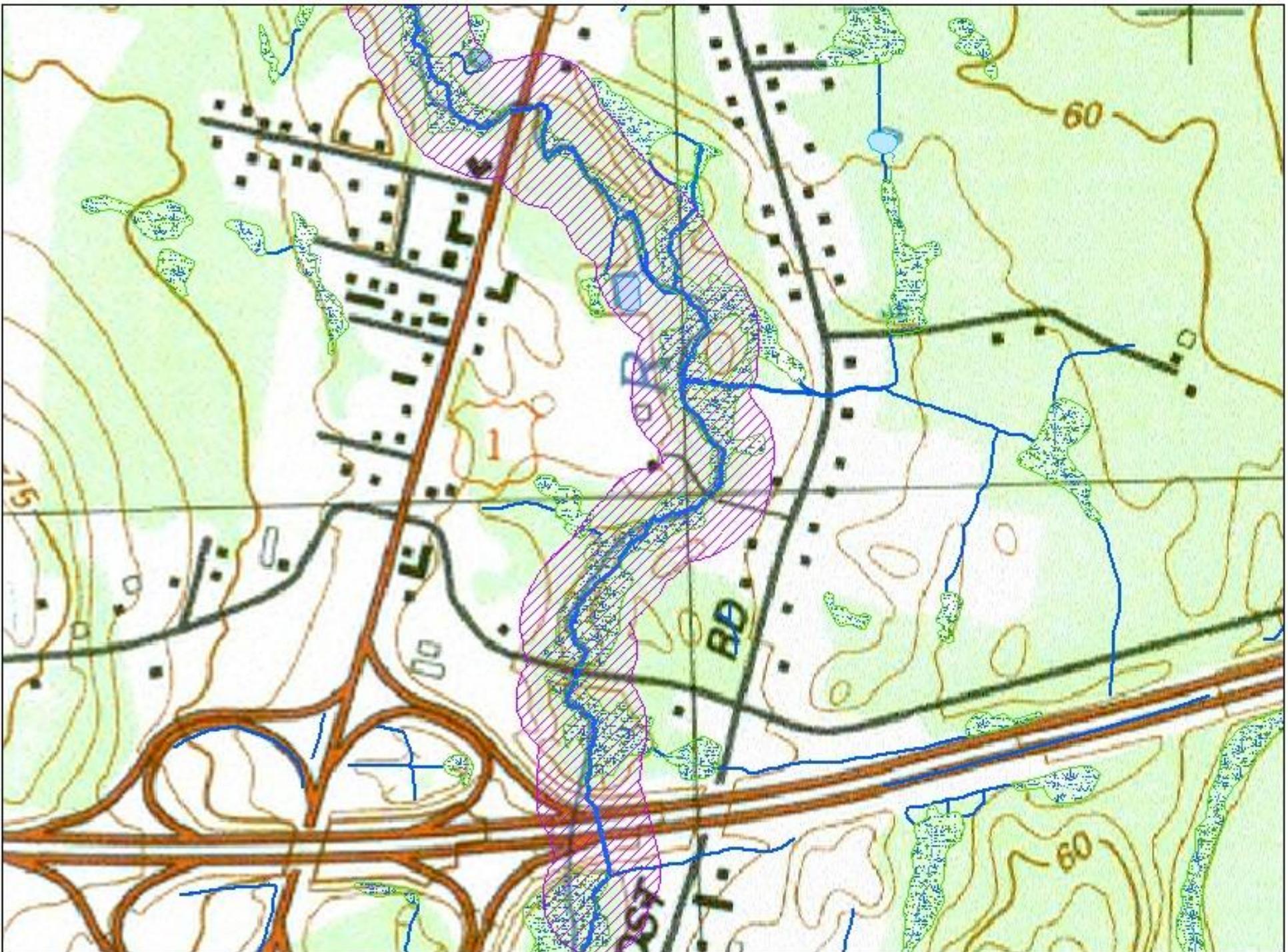


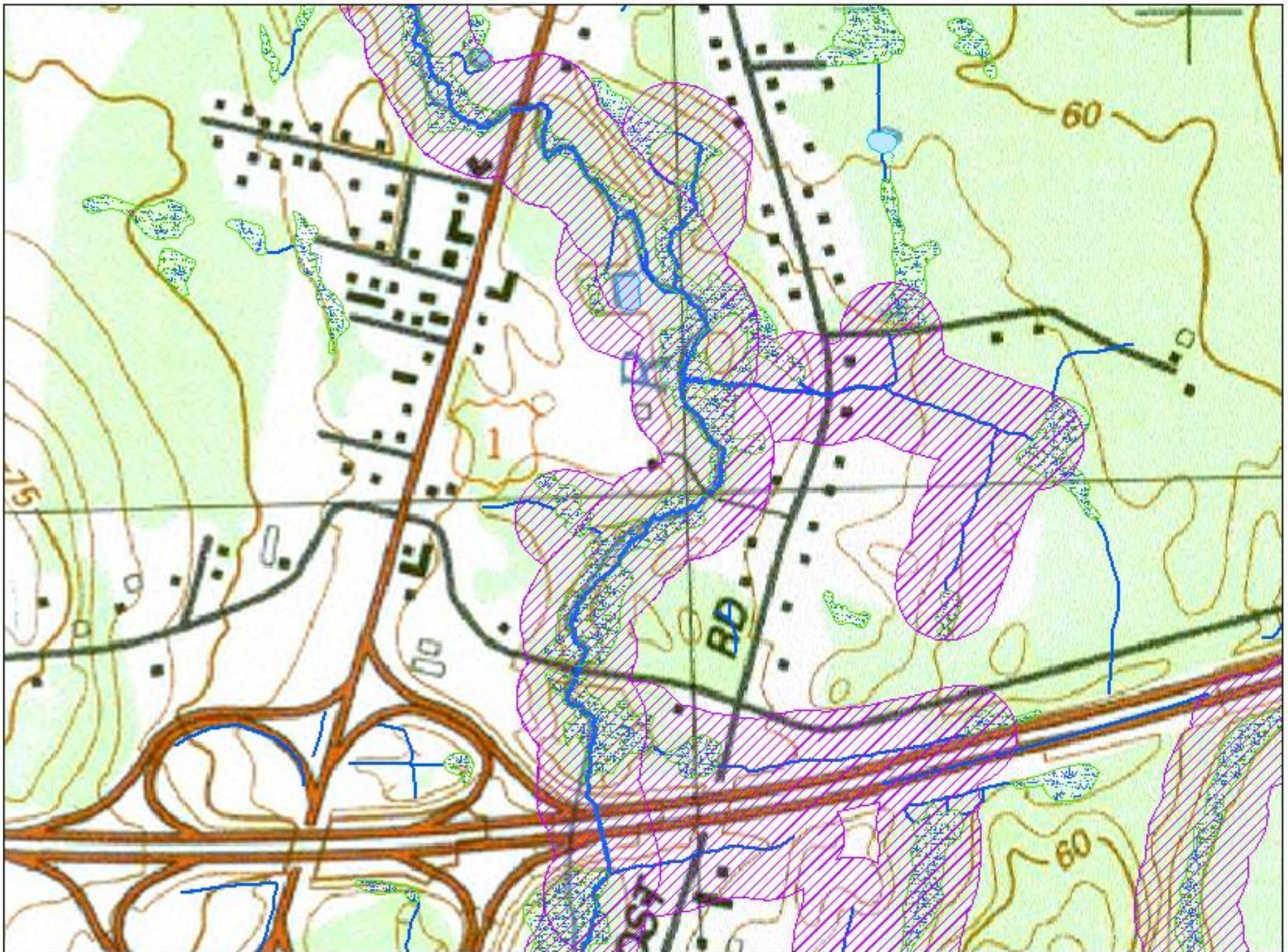
NHD

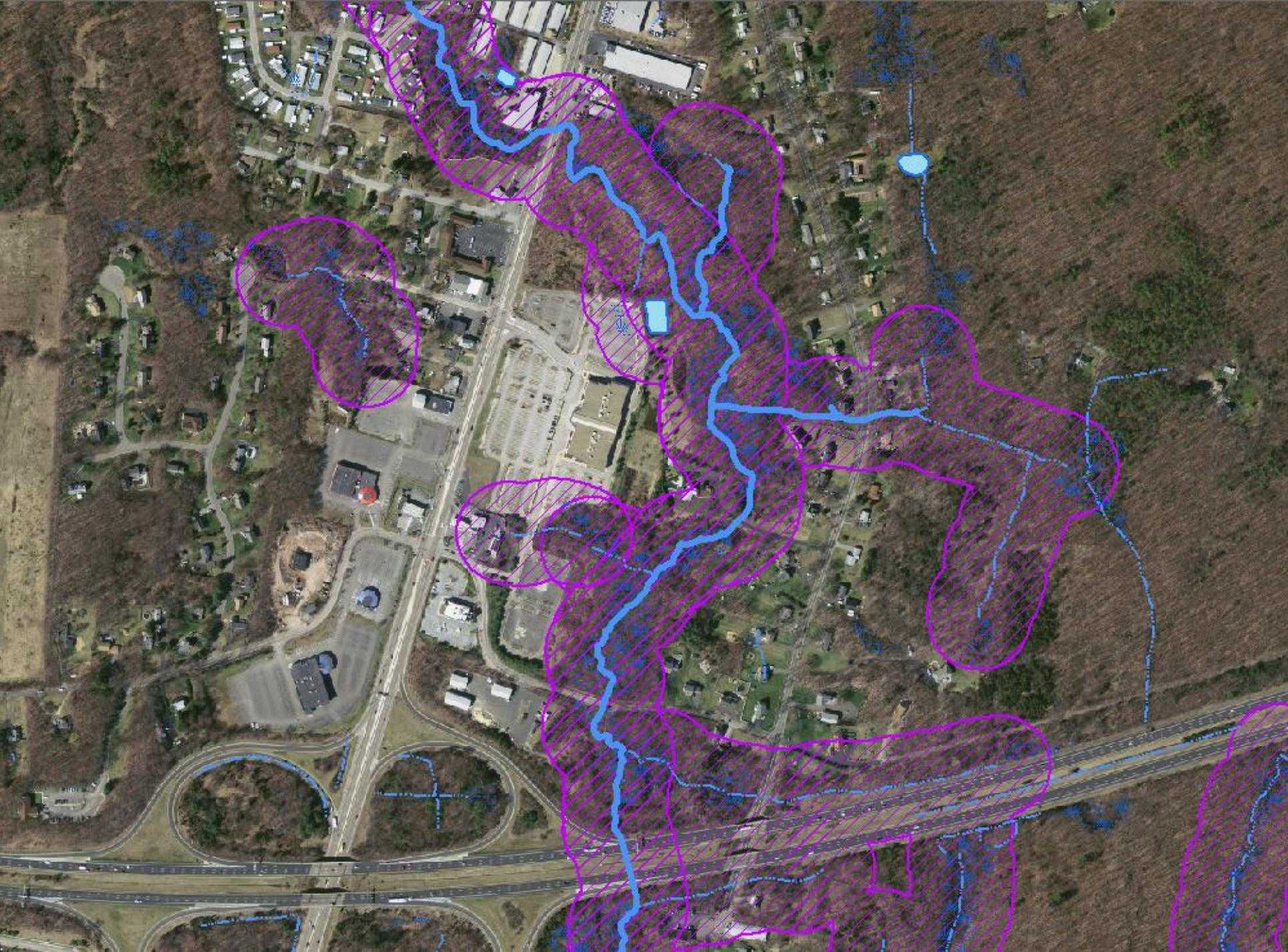
National Hydrologic Dataset

- Backed by the USGS
- Crosses State Borders
- What's not to like?

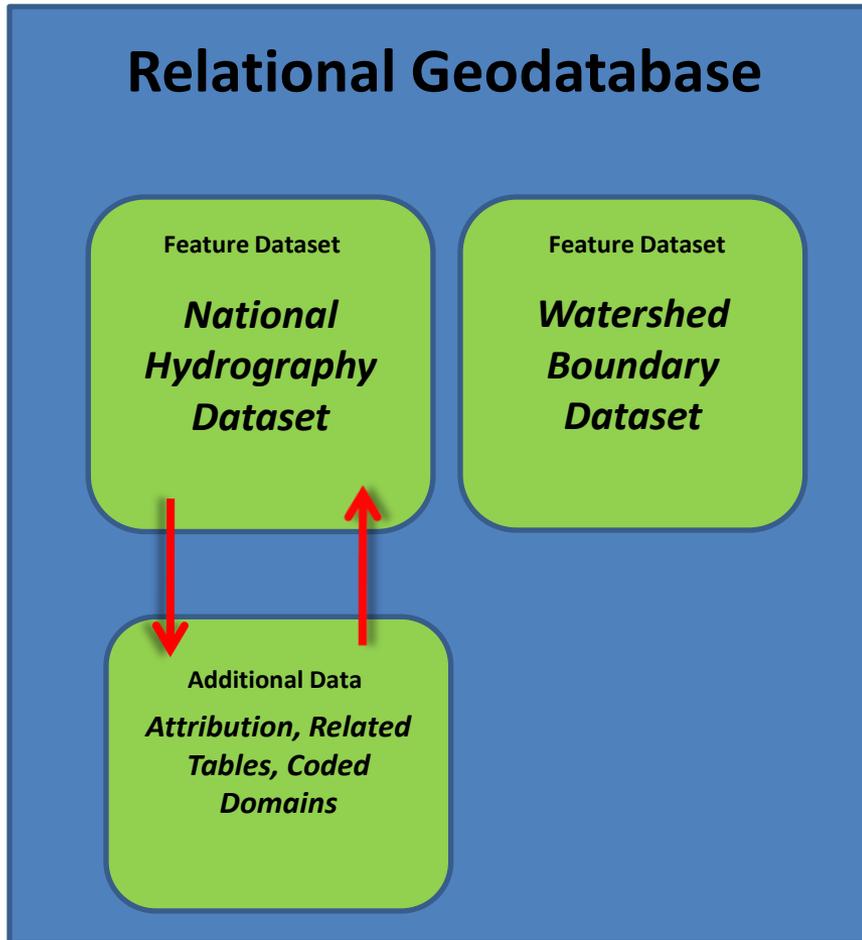








Current Version of the NHD



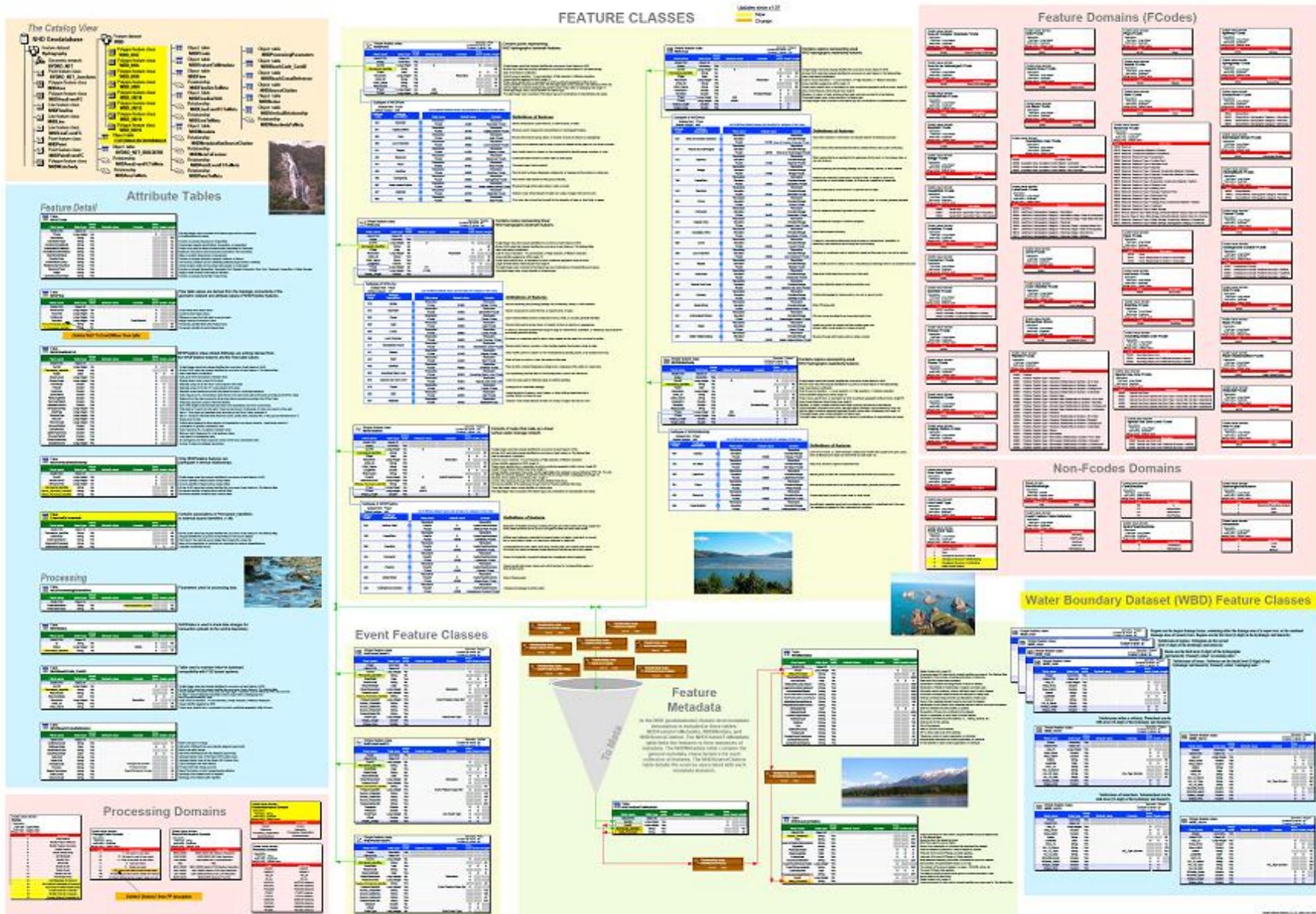
Looks pretty
innocent
doesn't it?

NHD Geodatabase Model – Version 2.0



National Hydrography Dataset (NHD) Model (v2.0)

June 2, 2010



If It Is That Complicated,

Why Bother?

A Single,
Common,
Base Hydrography



It Would Be Nice IF:

- All the waters we are charge to protect are on the national map.
- We could report to the EPA by reference to the national map
- If our science could cross state borders without paying a toll.

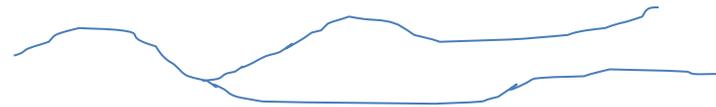
EVENTS !!!

- NHD provides a stable network for attributing as Events

Attributes stored as events

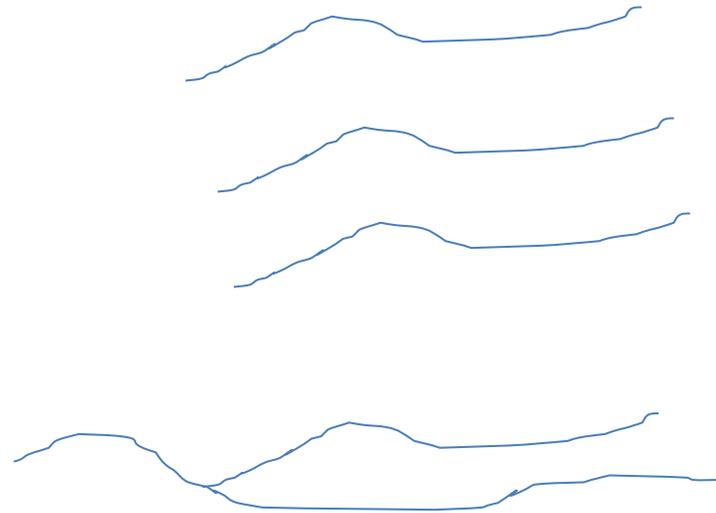


NHD, Shared Base Hydro



NHD is a Network

- You can accumulate water withdrawals, and Discharges, route spills, do hydrologic modeling.....



We need a Steward!



Why Do We Need Stewardship?

- The USGS does not know everything.
- Hydrography changes
- State and local organizations are better aware of the hydrography and capable of ground truth validation within their region. Such local and regional organizations should have the opportunity to serve as stewards.

Mass DEP The Steward for NHD In Massachusetts

- Perform edits consistent with the National Standards
- Coordinate input {Corrections} from other users

Who Runs NHD in MA

Management
Advisory
Committee

Technical
Advisory
Committee

- Looking for volunteers!

The National Hydrologic Dataset

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