# Map 9: Groundwater Nitrate Levels and Barnyard Runoff Results in the Argyle East (AE) and Argyle West (AW) Subwatersheds

**GROUNDWATER NITRATE LEVELS**

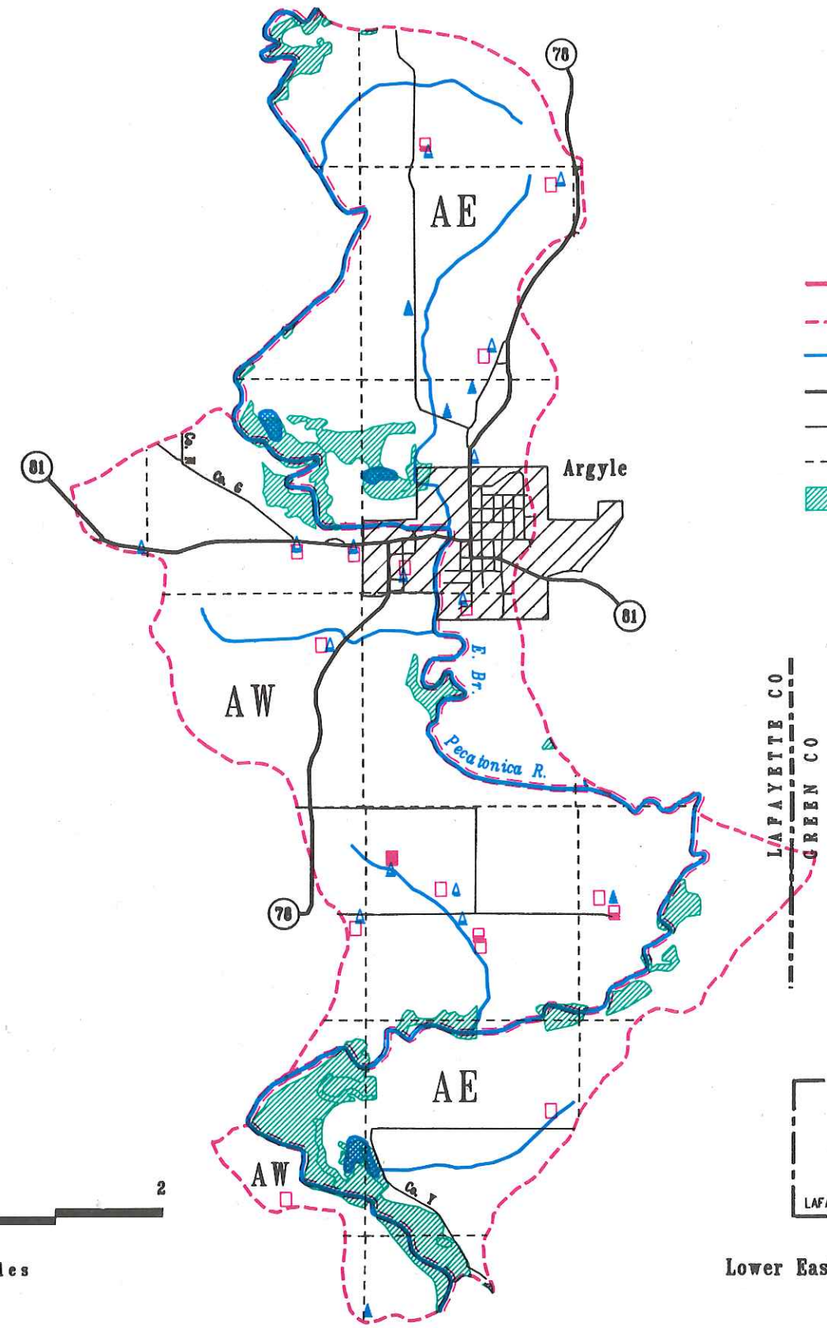
- Less than 2 mg/liter
- 2 to 10 mg/liter (exceeds PAL)*
- Greater than 10 mg/liter (ES)**

*Preventative Action Limit
**Enforcement Standard

**BARNYARD RUNOFF (Phosphorus Loading)**

- Less than 5 lbs.
- 5 to 7 lbs.
- Greater than 7 lbs.

Estimated phosphorus loads for a 10 year, 24 hour rain event.



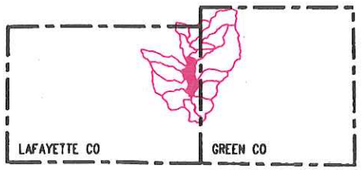

**LEGEND**

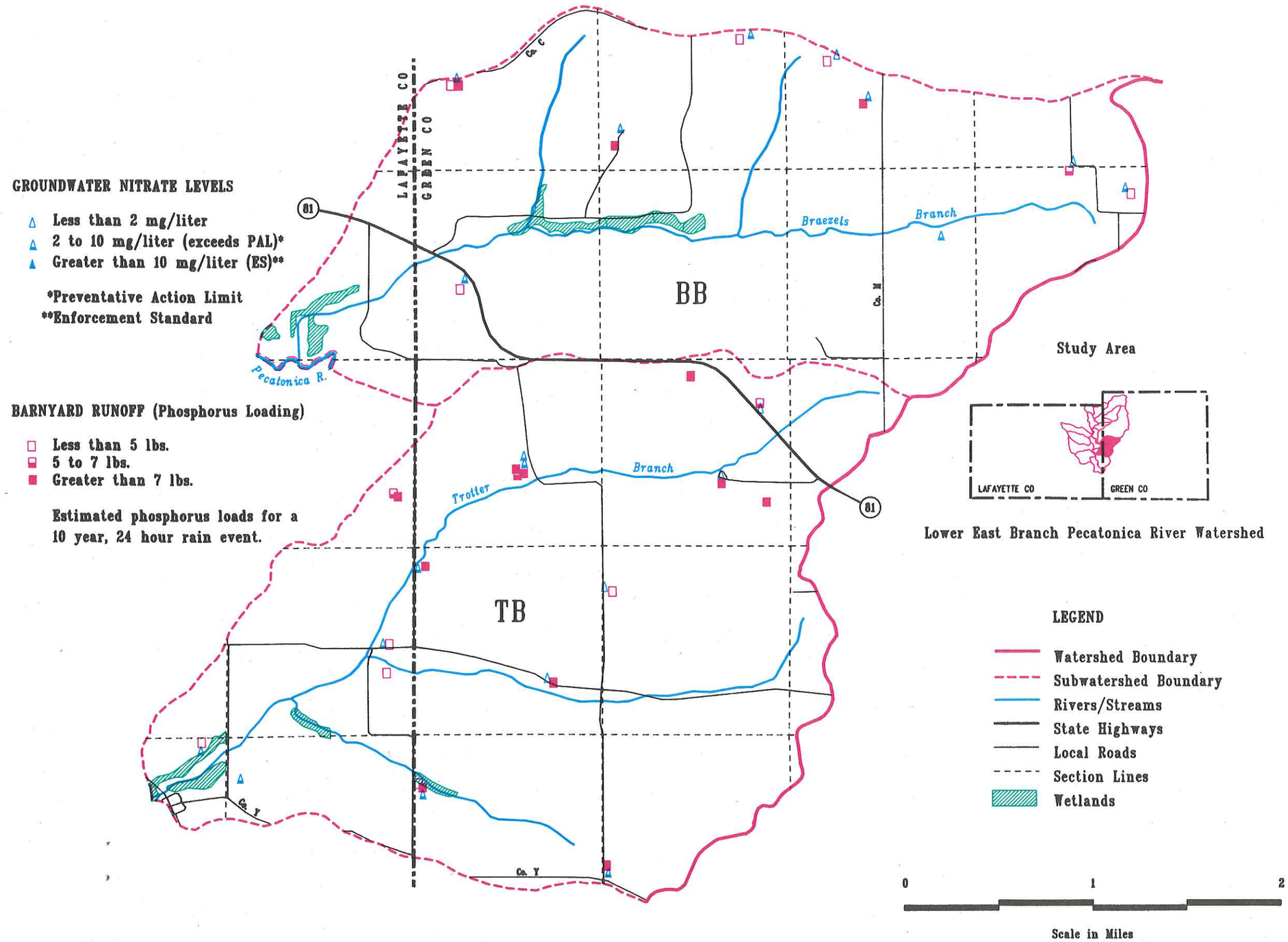
- Watershed Boundary
- Subwatershed Boundary
- Rivers/Streams
- State Highways
- Local Roads
- Section Lines
- Wetlands

0 1 2

Scale in Miles

Study Area




Lower East Branch Pecatonica River Watershed

# Map 10: Groundwater Nitrate Levels and Barnyard Runoff Results in the Braezels Branch (BB) and Trotter Branch (TB) Subwatersheds