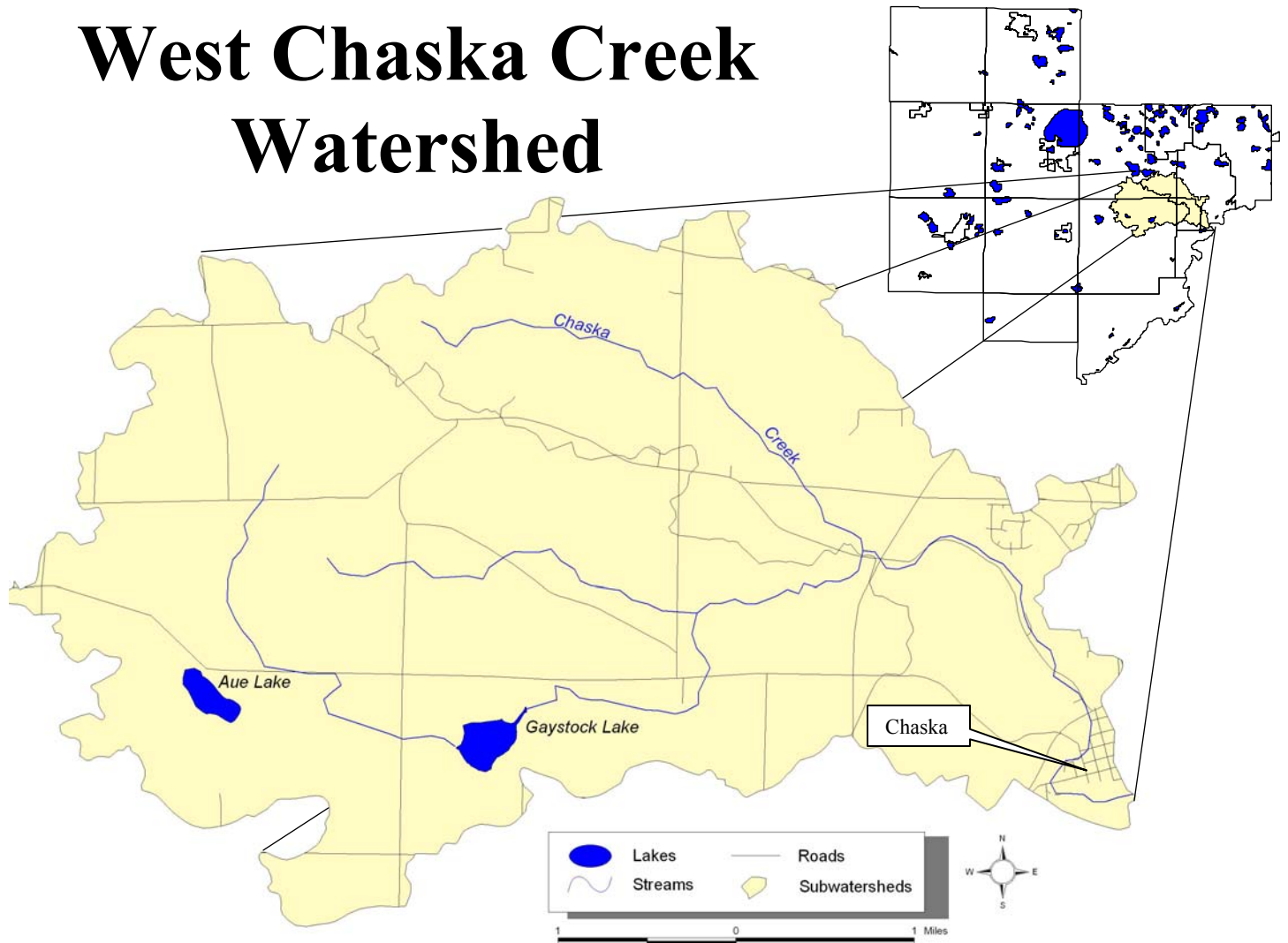


# West Chaska Creek Watershed



## Watershed Summary

- The Chaska Creek Watershed covers 9,968 acres of Carver County. A portion of the City of Chaska lies within the watershed.
- There are three lakes in the watershed. Two complete seasons of water quality data is available for Gaystock Lake. In 2001, Firemen’s Lake in the city of Chaska was sampled for the first time, receiving an overall grade of “B”.
- There are approximately 27 miles of streams within the watershed and one active stream sampling station.
  - ▲ The stream sampling site showed nitrogen as being the highest variable measured. It was nearly 10 times the NCHF ecoregion average.
  - ▲ Phosphorus and Total Suspended Solids were close to or within the NCHF ecoregion averages.
  - ▲ Fecal Coliform bacteria have been collected throughout Carver County since 1997 in some locations. Data collected at these locations is difficult to compare on a yearly basis due to weather variations, laboratory variability, and sampling constraints. However, the Fecal Coliform levels in Carver County routinely exceed the state standard of 200 Colony Forming Units per 100 mL (CFU/100mL).
  - ▲ There is 1 biomonitoring site within the watershed. The biotic index was 4.3 in 2002 falling in the “good water quality” category.
- The current land use, is dominated by agriculture (70%). The projected land use in 2020 shows agriculture dropping by 11% and developed land increasing by 16% due to the expansion of the City of Chaska.
- Preliminary water quality data shows the watershed being in poor to fair condition.

### Land Use Within the

