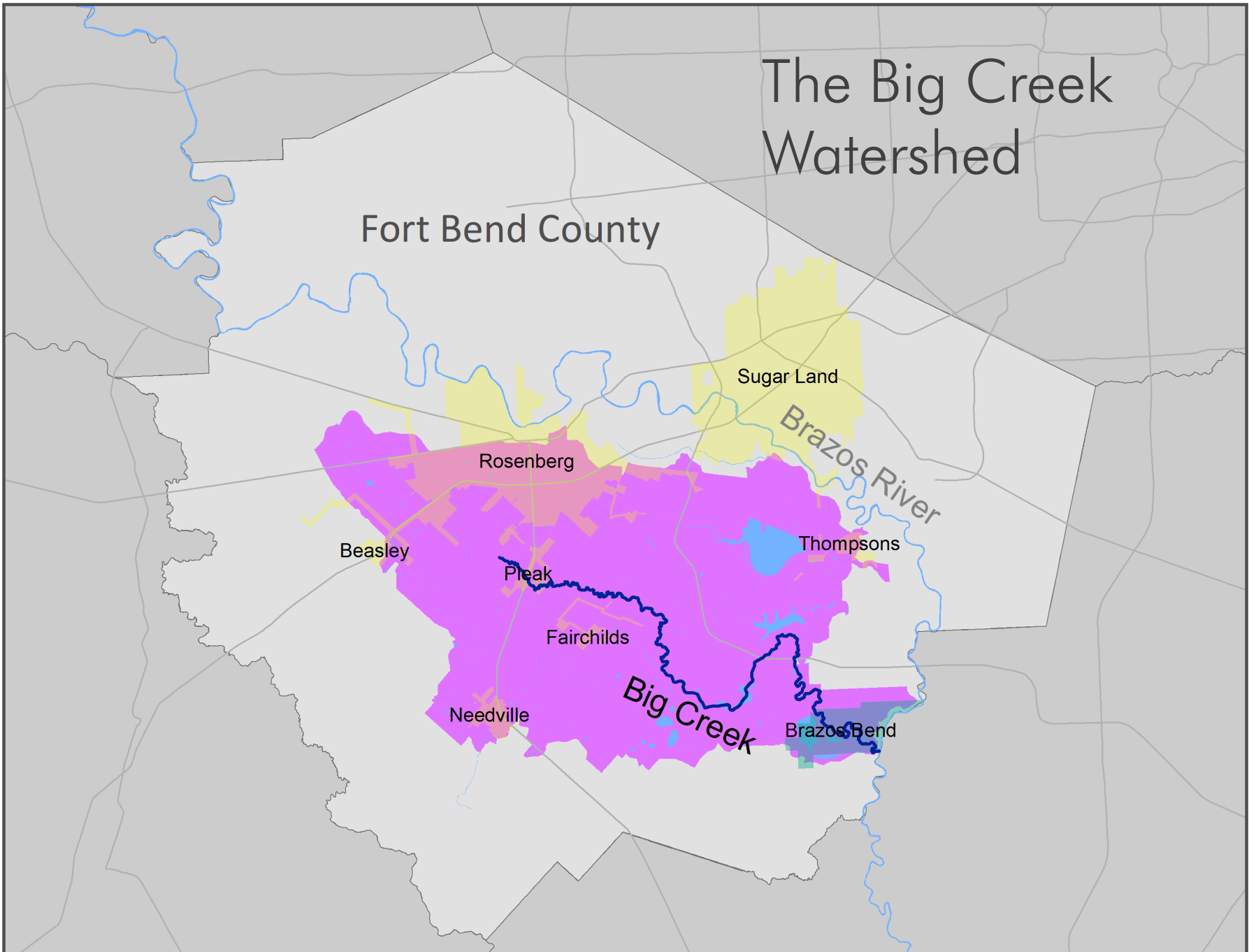




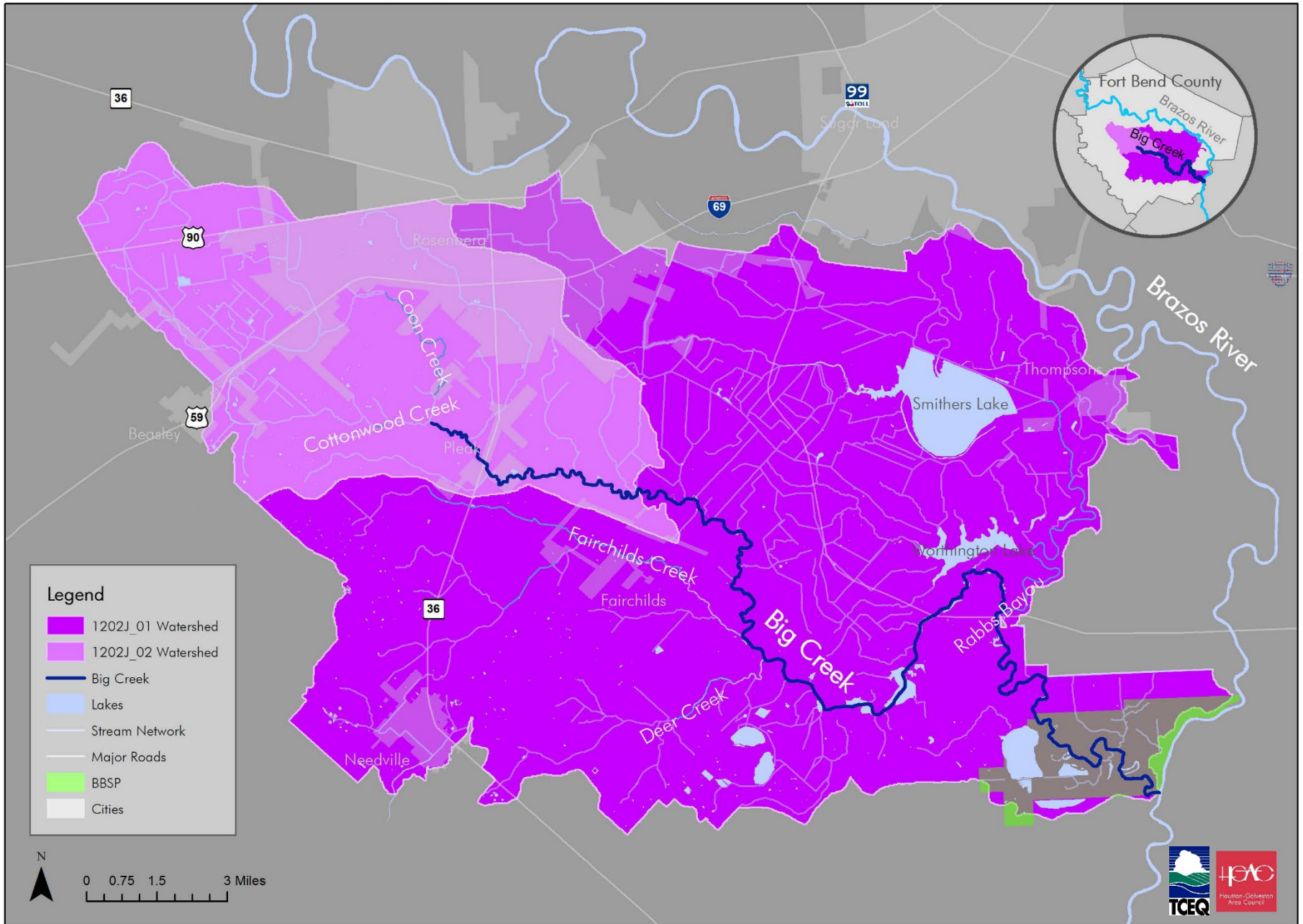
Addressing Water Quality in Big Creek, Fort Bend County

The Big Creek Watershed

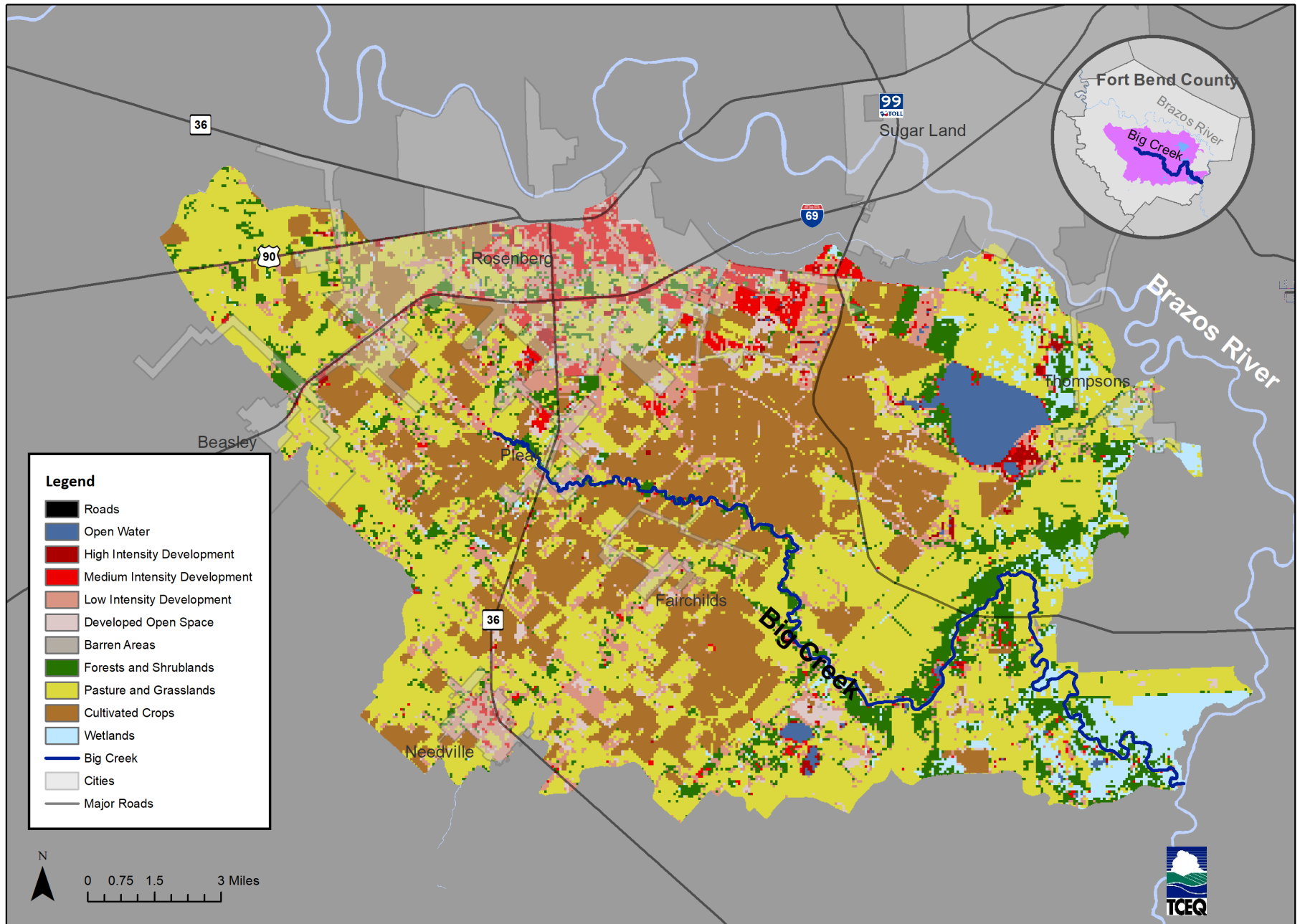
Fort Bend County



Big Creek Watershed (Segment 1202J)



Land Cover in the Big Creek Watershed



Big Creek Water Quality Status



2020 Status (*data from 2011-2018*)

- **Impaired** for contact recreation (fecal bacteria, both AUs, since 2002)
- **Concerns for**
 - Aquatic life/General use
 - Low dissolved oxygen, nutrients (both AUs)
 - Fish communities and habitat (AU 1202J_01, lower)

Other Challenges



- **Sediment/flooding** – erosion and sediment transport can impact aquatic life, flooding, other pollutants; changing hydrology.
- **Trash/Dumping**– No widescale dumping or trash accumulation reported, some known, localized sites.
- **Legacy pollutants** – Some areas of stored pesticide, oilfields.
- **Growth** – Increasing sources, decreasing open space.

Potential Partnerships and Resources



- Agricultural sources – existing agencies, promotion
- Pet waste – pet waste stations, municipal restrictions
- Human wastewater – remediating OSSFs, planning for future wastewater flows.
- Others to be developed with local stakeholders.



Any Questions?

For more information,
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