Addressing Water Quality in Big Creek, Fort Bend County
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, contact:

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