

# Edgebrook Golf Course Water Sourcing Project Update

City of Brookings Parks, Recreation and Forestry

May 2024

# What has been accomplished

- 5 Test Wells were drilled
  - 4 of the sites found clay at 12'
  - Southern most well found clay at 16'
  - It was determined there are no viable locations at Edgebrook Golf Course
- Consulted with East Dakota Water Development District
  - Suggested we need to look at south and east off of the Golf Course Property
  - Golf Course is located outside of the Big Sioux Watershed

# Drill Site Locations



# Contracted Scope of Work

- April 2023 – Initial Contracted Services
  - Site Investigation
  - Core Sampling of pond beds Optimize the performance of the existing ponds, pump, and irrigation zoning.
  - Perform alternative analysis for adjacent properties including:
    - Everist ponds
    - Properties north
    - Properties to the west
    - Properties directly south
  - Investigate alternative sources up to 1 mile from the golf course

# Results of Study

- Late 2023 – Assessment Completed, determined LG Everist Ponds
- October 2023 - Water samples were collected
- November 2023 – Water Test Results were received
  - Initial assessment determined the potential water source was viable
  - USGA was also consulted about the potential water source and determined it would be usable with monitoring and possible treatment.
    - Suggested USGA assessment of the soil for a more formal determination – scheduled in July 2024
- Late February the City received a construction estimate of \$812,902
- City Council has budgeted for the water sourcing project for 2024

# What's Next for Edgebrook

- Discussions will continue with LG Everist for potential water usage
- Banner will perform the following
  - Feasibility studies of the ponds
  - Assist with permitting with USDOT and Army Corps of Engineers
  - Additional survey
  - Engineered Design for the potential water source
  - Construction administration
- USGA Site visit scheduled for July 2024
- Monthly updates to the public available onsite, email and social
- Quarterly updates to Council