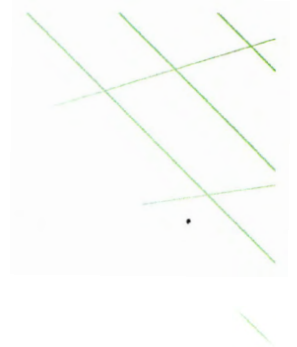


## MEETING AGENDA AND MINUTES

Project: Cannon Falls Technology Park	Date: 11/22/2024
Meeting Topic: Civil Infrastructure Meeting	

### Discussion Topics

1. Utilities
  - a. General
    - i. The project area is designated as Industrial in the Comprehensive Plan. What is the approximate water supply the City anticipated for Industrial use?
    - ii. Any other City Studies underway or needed?
  - b. Water
    - i. Review City System capacities/plans
      - a) Groundwater Appropriation; City has 93 MGY of excess groundwater appropriation – well above the anticipated demand
      - b) Well Capacity; City has approximately 2.3 MG available before more well capacity needed.
        - i. Peak day was 930k in 2023
      - c) Storage Capacity; Total City storage is 1.5 MG ~ 1.07 MG available before more storage is needed.
        - i. How is City storage drawn down?
        - ii. Needs to be equal to average day demand
      - d) Demands and peak day usage
        - i. Need for onsite storage?
      - e) City Water Model Study
    - ii. Pipe Infrastructure: County Road 29 Main Extension
      - a) Public Watermain Extension from Highway 20/County Road 29 (approximately 2,000-ft) to Holiday Ave
      - b) Existing main capacity at Holiday Ave and 5<sup>th</sup> St N
    - iii. Other anticipated future upgrades or pipe upsizings to accommodate future growth? City's input on improvements w.r.t. WWWW demands
      - a) Potential improvements needed
      - b) Alternatives:
        - i. On-site water well based on MN DOH Well Index.
        - ii. Others?
    - iv. Static pressure and fire flow tests



c. Sanitary Sewer

i. City System capacities/plans

- a. Plant capacity is 2.18 MGD MWW; 2022 MWW was 1.2 MGD
  - i. What is threshold for plant upgrades?
- b. Lift Station Capacity (at intersection of Cannon and 3<sup>rd</sup>)
  - i. Ultimate firm capacity of 2.88. Current capacity is 1.3 MGD
    - 1. Current assumption is lift station at 25% of capacity
- c. Wastewater Demands & Peak Daily Flow Updates
  - i. Tract is updating assumptions and will provide new demands when available

ii. Wastewater Quality

- a. City's Major Parameters for discharge Quality into treatment facility
  - i. Main concerns were sulfates, chlorides and diluting flows
- b. Site effluent dependent on cycles of concentration and pretreatment
- c. HVAC systems have certain parameters for water quality
- d. Potential for onsite infiltration, attenuation

iii. Pipe Infrastructure:

- a. Connection at Highway 20/County Road 29?
- b. Capacity of sewer on Highway 20 will need to be evaluated

iv. City Wastewater Model Study

- a. Wastewater treatment facility upgrades
- b. Potential downstream infrastructure upgrades. Timing
  - i. City suggested CCTV of all existing pipes
  - ii. Current flows of adjacent pipes? Flow metering?

d. Stormwater

i. Citywide goals & requirements

- 1) Stormwater would go to the southwest of site
- 2) Onsite treatment
- 3) Infiltration opportunities

ii. Potential offsite runoff from parcels to the north – confirm parameters and assumptions

iii. Stormwater connection exists in Holiday Ave across County 29 Blvd: what were they sized for?

2. Traffic Study

- a. KH conducting TIA as part of AUAR –
- b. TIA Scoping

3. Dakota and Goodhue County Coordination

- a. County 29 Boulevard coordination to provide Sanitary and Watermain extension to the City within the County ROW.