

Skyline Infrastructure Committee

March 4, 2024, 2:00 PM

AGENDA

Skyline Water Supply and Storage Project

1. Design Criteria
 - a. Comply with DEQ and EPA regulations.
 - b. Plan for future fire suppression capabilities?
 - c. Provide water supply to meet peak hour demand or fire flow, whichever is greater, with the largest well out of service. (Chapter 12, Section 13 (a) (D))
 - d. Provide electrical supply and generator to operate two wells simultaneously?

2. Project Components (proposed)
 - a. Completion of Well No. 4 with 500 gpm variable speed pump.
 - b. Installation of new 500 gpm variable speed pump in Well No. 2
 - c. Installation of new 200 gpm variable speed pump in Well No. 3
 - d. Installation of new meters and check valves on Well No. 2 and No. 3
 - e. Construct a new building to house electrical and controls for all 3 wells.
 - f. Upgrade the electrical and controls system.
 - g. Install a new 150 kW Generator (natural gas, propane, or diesel)
 - h. Upgrade the transmission pipe and valves at the pressure tank building.
 - i. Provide power service to pressure tank building from the Well site electrical.
 - j. Upgrades to pressure tank building and paint the pressure tank.
 - k. Installation of water supply disinfection system.

3. Funding
 - a. WWDC Grant \$448,000
 - b. DW SRF Loan \$955,000

4. Recommendation to SISD Board