



SPRINGVILLE UTILITY ADVISORY BOARD
REGULAR AGENDA
ELECTRIC OPERATIONS CENTER
MULTI-PURPOSE ROOM
777 NORTH 425 WEST, SPRINGVILLE UTAH

MAY 15, 2024 - 6:30 A.M.

Monthly Utility Board meeting, held in the Electric Operations Center Multi-Purpose Room. 777 N 425 W Springville, UT 84663. Convened at 6:30 a.m.

Board Members Present:

Mark Lamoreaux, Calvin Crandall, Ken Condie, Bryan Boshell, Kellen Hyer, Carl Burrows, Rollin Hotchkiss, Travis Ball

Staff and Council Members Present:

Brad Stapley, Public Works Director, Jason Miller, Power Department Director, Councilman Logan Millsap, Jeff Anderson, Tyson Bartlett, Jason Riding, Jake Nostrom, Brandon Graham, Mike Pool, and Bruce Riddle.

Approval of Agenda:

The agenda was unanimously approved as distributed.

Approval of Minutes:

The minutes of the previous meeting were unanimously approved as distributed.

New Business:

Public Works Master Plan Update Presentation

***Presented by Brad Stapley, Public Works Director**

Brad explained to the board about the importance and purpose of master plans. Master plans establish levels of service, help quantify system assets, and assist with projecting and estimating future growth. For water master plans, master plans are helpful in verifying sufficient water rights for the City. Hydraulic models are run, and then from that data the Public Works department is able to formulate meaningful capital projects.



Culinary Water Master Plan Update

Brad shared with the board that the last culinary water master plan was completed in 2020. Some important details about water service within the City:

- 190 miles of pipe, from 4 inches to 30 inches in diameter
- 7 wells, and 7 springs
- 9 water tanks
- 2 pump stations
- Springville City Water services 11 pressure zones

To establish levels of service, per ERC (Equivalent Residential Connection), Brad shared a graph with the board which detailed historic as well as projected population growth. Brad also shared a graph with a board which illustrated the demand and capacity of existing drinking water sources.

Brad discussed wells and springs in the City, as well as the state of the City's existing water tanks. He shared how the tanks are utilized for equalization (source vs. demand), for fire suppression, as well as emergency needs. He also shared with the board how the City verifies that there are sufficient water rights available.

Brad shared that hydraulic models have been run, and there are fire flow deficiencies.

- Residential east of 400 West - less than 1000 gallons per minute
- Residential west of 400 West - more than 1500 gallons per minute
- Non-residential - more than 2000 gallons per minute

Brad shared a replacement program for all existing water pipe in the City, and showed the board a table. This is not currently in the budget. As an updated master plan is completed, the Public Works department is looking at a way to create a replacement program and put it in motion. The Water division does track leaks, but many pipes throughout the City outlive their life expectancy.



Pressurized Irrigation Secondary Water Master Plan Update

To establish levels of service, per ERC (Equivalent Residential Connection), Brad shared a graph with the board that detailed irrigation factors by land use. Some important details about secondary water use in the City:

- 0.15 irrigated acres of single family ¼ acre lot
- Key system design criteria
- Irrigation factors by land use

To establish levels of service, per ERC (Equivalent Residential Connection), Brad shared a graph with the board which detailed historic as well as projected population growth. Brad also shared a graph with a board which illustrated the demand, capacity and location of existing secondary water sources.

REPORTS

Power Rate Revenue Report (Fiscal Year 2024)
Power Resource Cost Report (Fiscal Year 2024)
Power Distribution Report

ADJOURNEMENT

The meeting was adjourned at 7:30 a.m.

Minutes submitted by Rachel Orme, Public Works Executive Assistant