March 15, 2023

Dear Marysvale Town Resident:

Re: Marysvale Town Culinary Water Improvement Project – Community Support Letter

As you may be aware, Marysvale Town recently completed a Water Master Plan that identified specific water syste improvements the town is in need of making. The need for these improvements is great but so is the cost. In order to hel cover the cost of these improvements, the town is actively pursuing available funding through State and Federal agencie The town recently submitted a USDA-ECWAG funding application for $996,000.00. The town is also perusing Communit Project Funding (CPF) through the office of District 2 House of Representative Chris Stewart. If selected for the CPF fundin the USDA-ECWAG funding along with $50,000.00 of water revenue funds from Marysvale Town will serve as matching fund for the Marysvale Town Culinary Water Improvement Project. The total amount being requested for the project $4,816,000.00.

The greatest system improvement the town needs to make is to acquire additional drinking water source. Currently, th town water system is fed by a spring and a well. The combined source production of the existing spring and well is 42 gallons per minute. The minimum source production required for Marysvale according to state rule is 415 gallons pe minute. The town is out of water and unable to provide additional connections. The town has implemented two separat moratoriums on adding new connections while they work to find additional drinking water source and funding but hav reached the limit on the legal statutes of the moratorium. At this point the town cannot deny new water users connection but inform them of the real possibility of running out of water in the near future.

As part of the Water Master Plan, a hydraulic model of the town's water system was created. In order to calibrate th model, static water pressure and fire flows were measured at various locations in the system. At multiple locations, th static water level dropped to less than 10 psi at less than 50% of the minimum required fire flow rate of 1,500 gpm. Th town is unable to provide the minimum fire flows to approximately 90% of their system making them extremely vulnerabl during fire incidents. The culprit of this massive drop in water pressure and low fire flows is a combination of failin pressure reducing valves (PRV's), undersized water lines and long dead-end sections of pipe.

The Marysvale Town Culinary Water Improvement Project will consist of 2 phases. Phase 1 will consist of drilling an developing a new 8" diameter culinary well to an anticipated depth of 900 feet. Phase 2 of the project would consist o constructing a well house, developing a new spring source, installing 5,000 feet of 8" diameter transmission line, replacin existing/failing pressure reducing valves (PRV's), replacing 12,000 feet of undersized distribution pipe with 8" diameter pip and installing 7,700 feet of new 8" diameter distribution pipe to loop the existing system, improve fire flows, eliminate lon dead-end section pipe and water stagnation.

As a show of your support for the Marysvale Town Culinary Water Improvement Project, please sign below.

Sincerely,

Mayor Ann Kennedy