



August 15, 2022

Mayor Ann Kennedy  
Marysvale Town  
182 South 400 West  
P.O. Box 2  
Marysvale Ut, 84750

RE: Marysvale Should Not Grant New Water Connections: Source and Distribution Issues  
Marysvale Town WMP – Project No. 11398

Dear Mayor,

Over the past 2 months, Ensign Engineering has conducted a thorough analysis of the town's existing water system. During the course of this analysis, the current state of the town's water source has become a major concern. Marysvale Town currently has a total of two water sources, one of which is only to be used in case of emergency. The combined source production from the two sources is approximately 425 gpm. By State code the town is required to provide 415 gpm to meet peak day indoor and outdoor demand requirements. This leaves only 10 gpm or approximately 7 Equivalent Residential Connections for future connections. It is important to note that Marysvale Town also has 20 inactive connections. These inactive connections could cause the town to fall below the required source production should they become active. In addition, the slightest drop in source production from either source could result in the town not being able to provide the peak day indoor and outdoor demands. In conclusion, the town is close enough to their source's production limit that it would be unwise to continue to grant connections if plans to develop additional source are not underway.

If you have any questions concerning the information noted above, feel free to contact us at any time.

Sincerely,

Design Engineer, PE  
Project Engineer

Reviewed by:

Project Manager, PE,  
Project Manager

**SANDY**  
45 W 10000 S, STE 500  
Sandy, UT 84070  
P: 801.255.0529

**LAYTON**  
919 North 400 West  
Layton, UT 84041  
P: 801.547.1100

**CEDAR CITY**  
88 E Fiddler's Canyon Rd, STE 210  
Cedar City, UT 84721  
P: 435.865.1453

**TOOELE**  
169 N. Main St, Unit 1  
Tooele, UT 84074  
P: 435.843.3590

**RICHFIELD**  
225 N 100 E  
Richfield, UT 84701  
P: 435.896.2983