

Sunrise Engineering Work Session with the Town of Bluff on the 50 year water study

Thursday, January 9, 2020, 1:00 p.m.

MINUTES

The work session began at 1:02 p.m. Present: Trenton Brown (Project Manager/Engineering Technician for Sunrise); Dao Yang (PE), Council Members Luanne Hook, Brant Murray, Jim Sayers, Mayor Ann K. Leppanen, Gene Stevenson (geologist), Mary Gillam (geologist), Wendy Smith, Thomas Hook

Dao Yang presented an overview as to the status of the project. He provided maps of relevant geology and discussed with Gene Stevenson how the project is being approached. Sunrise had requested to have Stevenson, Melvin Gaines from Bluff Water Works (BWW), and Marx Powell at the meeting; however, none of the 5 members of Bluff Water Works came to the meeting. A previous request by Brown was made to Leppanen of information that Sunrise was seeking from BWW.

Leppanen explained she attended the BWW monthly meeting held on Wednesday, January 8 and none of the 5 were available. Steve Simpson did say that he might have time to meet around 2:30 p.m. but the meeting went past that time. This is the email received by Leppanen as to what Sunrise is seeking:

Ann,

This is the information we were hoping to gather from the waterworks.

- Water usage/billing data for each month over the past year. It would be ideal to have the usage and billing for each connection type.
- Current water rate structure.
- In reading from previous studies, we are assuming there is no secondary water system in Bluff. However, there appears to be a few private wells that are used for irrigation. Do you know how many households use these wells for outdoor irrigation?

- Can you please provide a list of all of the current culinary sources and their associated capacities?
- Can you provide the size, name, and description of active water storage tanks.
- What is the fire flow requirement given by local fire authority (1,500 gpm is common, but is at the discretion of the local fire authority)?
- Description of system's water treatment (location, type, etc.)

Thanks

This email was sent to Steve Simpson and Marx Powell of the BWW. Sunrise also tried to contact Benny Musselman who oversees the quality of the water. While at the BWW meeting on the 9th, the BWW board verbally addressed where some of this information might be found.

Leppanen will forward to Sunrise the name and number of the person with the State of Utah that she talked to in 2018. That person told her data had just come in from BWW for 2012 through 2017.

Sayers asked about the effects or possible effects to the Bluff aquifer with the White Mesa Uranium Mill. Leppanen raised the concern of oil and gas drilling on the Bluff Bench. Luanne Hook raised the concerns of arsenic in the water and the possible source(s).

Stevenson was very informative as to the wells, capacity of the tanks, the historical context of Bluff Water Works as well as the geology of the area as related to water and drilling.

The meeting ended at about 3 p.m.