

**Kushla Water System
Engineer's Report
William G. Luker/Speaks & Associates**

6/28/2021

Engineering Work:

The following work items are ongoing:

1. **Risk and Resilience Assessment and Emergency Response Plan** –The Risk and Resilience Assessment is complete. We would like to complete the certification process. The Chairman needs to sign the certification form.
2. **System Construction Specifications:** A copy of the system specifications has been provided for the Superintendent's review and comments.
3. **Investigating System Water Supply Needs for Planning Purposes** – We have reviewed a list of projects with the Superintendent and would like to assist in moving those projects ahead to the point of developing a cost estimate and a schedule. Based on the Superintendent and Engineer's evaluation, the following two projects have the highest priority:

Repair and restore the ARDEN Road Pump Station to working order and modify the piping to reverse the flow such that water is being drawn from the Chunchula-Georgetown Road well and tank and pumped to the Ridge Road Tank service area.

Investigate existing Well #3 to find out what must be done to restore the well output from the present 380 GPM to the permitted capacity of 700 GPM. The production on this well has fallen to the point where it is very close to not being able to meet the system demand.