This brief is being provided to inform the board, staff and public of the details of an agenda item that requires no action from the board. The President of the Board will provide board members, staff, and the public the opportunity to ask questions about this topic when this agenda item is announced.

**Date:** 11 December 2020

**Originator:** Assistant GM/Lead Operator

**Agenda Topic Title:**

**Purpose of Brief:** Informational Briefing

**Supporting Documents Included: No**

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**Water Distribution System:**

* **Booster Station#1**

Due to costs related to well development, we differed boost station #1 upgrades into 2021

* **Well #29 Offline Until repair is made.**

Well #29 air problems have been determined to be coming from the aquifer and this continually causing cloudy water throughout the system. For this reason, we have taken well #29 offline. The cloudy water in system has no heath impact. Working with Shaw Engineering and Plumas Geo-Hydrology we have found a solution to off gas the water. By adding a 14,000-gal water tank at well #29 and booster pump to inject the water into the system. Estimates are coming in around 55k. We are also installing a French Drain on the West side of the pump house to prevent seasonal flooding.

* **The Air relief valve project or A.R.V.P**.

Eagle Nest and Double Eagle A.R.V has been repaired. We found a missing ARV on Red Sky. For the rest of the system we will look for and fix or replace the broken ARVPs and add goose necks in entire water system to prevent contamination.

* **New Water Wells Update #36 & #37**

### Well 36 Sunburst remediation is completed. We cased and capped the well which will provide a future viable water source.

### Well 37 Deer Trail. The well itself is complete awaiting a pump. The utility lines have been installed and the access road completed. The trail remediation has also been completed improving river access. The utility vault is being constructed and should be completed in Jan. We still need to back fill the vault this winter and landscape over and around the vault. Utility infrastructure should be completed in early spring bringing this well online.

* **CSD Paving Repairs**

### In conjunctions with the HOA, we have completed paving repairs to the Booster #5 access road, Windsong Village Trail intersection valves, Fox Run water main repair, and the new Red Sky Fire Hydrant.

**Sewer Transmission System:**

* **Septic tank inspection program**

The 2020Septic tank inspection program is complete. We have 35 tanks to be pumped.